NOVOSENSE
纳芯微电子

纳芯微产品选型指南

传感器 **信号链** **电源管理** **MCU & “MCU+”**



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从绿色能源、智慧出行到智能终端，纳芯微致力于通过持续的技术突破与应用创新，构筑面向物理 AI 时代值得信赖的芯基建。

了解详情，请访问公司官网：www.novosns.com



“感知”“驱动”未来
共建绿色、智能、互联互通的
“芯”世界

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集成式电流传感器

OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2011-100B5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	20	±100
NSM2011-10B3R-DSWR	SOW16	Industrial	0.85	5000	8	3.3	240	2.2	-40~125	50%VCC	132	±10
NSM2011-10B5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	200	±10
NSM2011-20B3R-DSWR	SOW16	Industrial	0.85	5000	8	3.3	240	2.2	-40~125	50%VCC	66	±20
NSM2011-20B5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	100	±20
NSM2011-20B5R-Q1SWR	SOW16	Automotive	0.85	5000	8	5	240	2.2	-40~125	50%VCC	100	±20
NSM2011-20U5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	200	0~20
NSM2011-30B3R-DSWR	SOW16	Industrial	0.85	5000	8	3.3	240	2.2	-40~125	50%VCC	44	±30
NSM2011-30B5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	66.67	±30
NSM2011-30B5R-Q1SWR	SOW16	Automotive	0.85	5000	8	5	240	2.2	-40~125	50%VCC	66.67	±30
NSM2011-30U5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	133.3	0~30
NSM2011-30U5R-Q1SWR	SOW16	Automotive	0.85	5000	8	5	240	2.2	-40~125	50%VCC	133.3	0~30
NSM2011-50B3R-DSWR	SOW16	Industrial	0.85	5000	8	3.3	240	2.2	-40~125	50%VCC	29.7	±50
NSM2011-50B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	40	±50
NSM2011-50B5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	40	±50
NSM2011-50B5R-Q1SWR	SOW16	Automotive	0.85	5000	8	5	240	2.2	-40~125	50%VCC	40	±50

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集成式电流传感器

OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2011-50U5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	80	0~50
NSM2011-50U5R-Q1SWR	SOW16	Automotive	0.85	5000	8	5	240	2.2	-40~125	50%VCC	80	0~50
NSM2011-65B3R-DSWR	SOW16	Industrial	0.85	5000	8	3.3	240	2.2	-40~125	50%VCC	20.31	±65
NSM2011-65B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	30.77	±65
NSM2011-65B5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	30.77	±65
NSM2011-65B5R-Q1SWR	SOW16	Automotive	0.85	5000	8	5	240	2.2	-40~125	50%VCC	30.77	±65
NSM2011-65U5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	61.54	0~65
NSM2011-75B5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	26.67	±75
NSM2012-02B3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	660	±2
NSM2012-02B5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	1000	±2
NSM2012-05B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	1.65	264	±5
NSM2012-05B3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	264	±5
NSM2012-05B3R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	264	±5
NSM2012-05B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	2.5	400	±5
NSM2012-05B5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	400	±5
NSM2012-10B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	1.65	132	±10

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集成式电流传感器

OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2012-10B3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	132	±10
NSM2012-10B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	2.5	200	±10
NSM2012-10B5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	200	±10
NSM2012-10B5R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	400	1.5	-40~125	50%VCC	200	±10
NSM2012-10U3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	264	0~10
NSM2012-10U5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	400	0~10
NSM2012-10U5R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	400	1.5	-40~125	50%VCC	400	0~10
NSM2012-15B3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	88	±15
NSM2012-20B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	1.65	66	±20
NSM2012-20B3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	66	±20
NSM2012-20B3R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	66	±20
NSM2012-20B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	2.5	100	±20
NSM2012-20B5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	100	±20
NSM2012-20B5R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	400	1.5	-40~125	50%VCC	100	±20
NSM2012-20U3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	10%VCC	132	0~20
NSM2012-20U3R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	132	0~20

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集成式电流传感器

OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2012-20U5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	200	0~20
NSM2012-20U5R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	400	1.5	-40~125	50%VCC	200	0~20
NSM2012-25B3F-Q1SPR	FCSOP8	Automotive	1.2	3000	4	3.3	400	1.5	-40~125	1.65	50	±25
NSM2012-25B3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	50	±25
NSM2012-25B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	2.5	80	±25
NSM2012-25B5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	80	±25
NSM2012-2X5B5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	800	±2.5
NSM2012-30B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	1.65	44	±30
NSM2012-30B3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	44	±30
NSM2012-30B3R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	44	±30
NSM2012-30B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	2.5	66.67	±30
NSM2012-30B5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	66.67	±30
NSM2012-30B5R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	400	1.5	-40~125	50%VCC	66.67	±30
NSM2012-30U3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	10%VCC	88	0~30
NSM2012-30U5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	10%VCC	133.3	0~30
NSM2012-30U5R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	400	1.5	-40~125	10%VCC	133.3	0~30

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集成式电流传感器

OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2012-40B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	1.65	33	±40
NSM2012-40B3F-Q1SPR	FCSOP8	Automotive	1.2	3000	4	3.3	400	1.5	-40~125	1.65	33	±40
NSM2012-40B3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	33	±40
NSM2012-40B3R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	333	±40
NSM2012-40B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	2.5	50	±40
NSM2012-40B5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	50	±40
NSM2012-40U3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	66	0~40
NSM2012-40U5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	100	0~40
NSM2012-50B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	1.65	26.4	±50
NSM2012-50B3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	26.4	±50
NSM2012-50B3R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	3.3	400	1.5	-40~125	50%VCC	26.4	±50
NSM2012-50B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	2.5	40	±50
NSM2012-50B5F-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	400	1.5	-40~125	2.5	40	±50
NSM2012-50B5FA-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	2.5	40	±50
NSM2012-50B5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	40	±50
NSM2012-50B5R-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	400	1.5	-40~125	50%VCC	40	±50

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集成式电流传感器

OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2012-50U5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	0.5	80	0~50
NSM2012-50U5F-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	400	1.5	-40~125	0.5	80	0~50
NSM2012-50U5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	10%VCC	80	0~50
NSM2012-60U5F-DSWR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	0.5	66.67	0~60
NSM2012-65B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	2.5	30.77	±65
NSM2012-65B5R-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	50%VCC	30.77	±65
NSM2012P-20B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	2.5	100	±20
NSM2012P-40B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	2.5	50	±40
NSM2012P-50B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	400	1.5	-40~125	2.5	40	±50
NSM2013-100B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	20	±100
NSM2013-10B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	200	±10
NSM2013-10B5FA-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	200	±10
NSM2013-125B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	16	±125
NSM2013-20B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	100	±20
NSM2013-20B5F-DSWR6	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	100	±10
NSM2013-20B5FA-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	100	±20

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集成式电流传感器

OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2013-20B5FA-Q1SWR	SOW16	Automotive	0.85	5000	8	5	240	2.2	-40~125	2.5	100	±20
NSM2013-20B5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	100	±20
NSM2013-25B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	240	2.2	-40~125	1.65	52.8	±25
NSM2013-25B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	80	±25
NSM2013-30B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	240	2.2	-40~125	1.65	44	±30
NSM2013-30B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	66.67	±30
NSM2013-40B3R-DSWR	SOW16	Industrial	0.85	5000	8	3.3	240	2.2	-40~125	1.65	33	±40
NSM2013-40B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	50	±40
NSM2013-50B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	40	±50
NSM2013-50B5F-DSWR3	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	40	±50
NSM2013-50B5F-DSWR6	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	40	±50
NSM2013-50B5F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	240	2.2	-40~125	2.5	40	±50
NSM2013-50B5FA-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	40	±50
NSM2013-50B5R-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	50%VCC	40	±50
NSM2013-50U5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	0.5	80	0~50
NSM2013-65B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	240	2.2	-40~125	1.65	20.3	±65

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OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2013-65B3F-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	240	2.2	-40~125	1.65	20.3	±65
NSM2013-65B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	30.77	±65
NSM2013-65B5FA-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	30.77	±65
NSM2013-75B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	53.3	±75
NSM2013-80B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	240	2.2	-40~125	1.65	16.5	±80
NSM2013-80B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	25	±80
NSM2013P-10B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	200	±10
NSM2013P-20B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	240	2.2	-40~125	1.65	66	±20
NSM2013P-20B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	100	±20
NSM2013P-20B5F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	240	2.2	-40~125	2.5	100	±20
NSM2013P-30B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	66.67	±30
NSM2013P-40B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	50	±40
NSM2013P-50B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	40	±50
NSM2013P-65B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	30.77	±65
NSM2013P-80B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	240	2.2	-40~125	2.5	25	±80
NSM2015-100B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	1.65	13.2	±100

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NSM2015-100B3F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	1.65	13.2	±100
NSM2015-100B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	20	±100
NSM2015-100B5F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	20	±100
NSM2015-10B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	1.65	132	±10
NSM2015-10B3F-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	1.65	132	±10
NSM2015-133B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	1.65	15	±133.3
NSM2015-133B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	15	±133.3
NSM2015-20B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	1.65	66	±20
NSM2015-20B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	100	±20
NSM2015-20B5F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	100	±20
NSM2015-25B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	1.65	52.8	±25
NSM2015-25B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	80	±25
NSM2015-30B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	1.65	44	±30
NSM2015-30B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	66.67	±30
NSM2015-30B5F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	66.67	±30
NSM2015-30U3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	0.33	88	0~30

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NSM2015-33B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	1.65	39.6	±33
NSM2015-40B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	1.65	33	±40
NSM2015-40B3F-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	1.65	33	±40
NSM2015-40B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	50	±40
NSM2015-40B5F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	50	±40
NSM2015-50B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	1.65	26.4	±50
NSM2015-50B3F-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	1.65	26.4	±50
NSM2015-50B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	40	±50
NSM2015-50B5F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	40	±50
NSM2015-50U3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	0.33	52.8	0~50
NSM2015-50U3F-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	0.33	52.8	0~50
NSM2015-50U5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	0.5	80	0~50
NSM2015-50U5F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	0.5	80	0~50
NSM2015-65B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	1.65	20.3	±65
NSM2015-65B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	20.3	±65
NSM2015-66B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	1.65	20	±66

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OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2015-66B3F-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	1.65	20	±66
NSM2015-66B3FD-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	1.65	20	±66
NSM2015-66B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	30.3	±66
NSM2015-66B5F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	30.3	±66
NSM2015-66B5F0-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	30.3	±66
NSM2015-66B5FA-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	30.3	±66
NSM2015-67B5F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	29.85	±67
NSM2015-75B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	26.67	±75
NSM2015-80B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	320	1.5	-40~125	1.65	16.5	±80
NSM2015-80B3F-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	1.65	16.5	±80
NSM2015-80B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	25	±80
NSM2015-80B5F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	25	±80
NSM2015P-40B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	50	±40
NSM2015P-50B5F-DSWR	SOW16	Industrial	0.85	5000	8	5	320	1.5	-40~125	2.5	40	±50
NSM2015P-50B5F-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	40	±50
NSM2015P-66B3F-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	1.65	20	±66

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OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2015P-66B5F0-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	30.3	±66
NSM2015P-66B5F2-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	2.5	30.3	±66
NSM2016-10B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	380	1.5	-40~125	1.65	132	±10
NSM2016-10B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	380	1.5	-40~125	2.5	200	±10
NSM2016-15B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	380	1.5	-40~125	1.65	88	±15
NSM2016-15B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	380	1.5	-40~125	2.5	133.3	±15
NSM2016-20B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	380	1.5	-40~125	1.65	66	±20
NSM2016-20B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	380	1.5	-40~125	2.5	100	±20
NSM2016-20U3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	380	1.5	-40~125	0.33	132	0~20
NSM2016-20U5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	380	1.5	-40~125	0.5	200	0~20
NSM2016-25B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	380	1.5	-40~125	1.65	55	±25
NSM2016-25B3FL-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	380	1.5	-40~125	1.65	55	±25
NSM2016-25B3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	380	1.5	-40~125	1.65	55	±25
NSM2016-25B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	380	1.5	-40~125	2.5	80	±25
NSM2016-30B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	380	1.5	-40~125	1.65	44	±30
NSM2016-30B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	380	1.5	-40~125	2.5	66.67	±30

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NSM2016-30U3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	380	1.5	-40~125	0.33	88	0~30
NSM2016-30U5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	380	1.5	-40~125	0.5	133.3	0~30
NSM2016-45B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	380	1.5	-40~125	2.5	44.4	±45
NSM2016-45B5F-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	380	1.5	-40~125	2.5	44.4	±45
NSM2016-50B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	380	1.5	-40~125	1.65	26.4	±50
NSM2016-50B3F-Q1SPR	FCSOP8	Automotive	1.2	3000	4	3.3	380	1.5	-40~125	1.65	26.4	±50
NSM2016-50B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	380	1.5	-40~125	2.5	40	±50
NSM2016-50B5F-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	380	1.5	-40~125	2.5	40	±50
NSM2016-50U5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	380	1.5	-40~125	0.5	80	0~50
NSM2016-50U5F-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	380	1.5	-40~125	0.5	80	0~50
NSM2016-65B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	380	1.5	-40~125	2.5	30.77	±65
NSM2016-65B5F-Q1SPR	FCSOP8	Automotive	1.2	3000	4	5	380	1.5	-40~125	2.5	30.77	±65
NSM2016-65U3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	380	1.5	-40~125	0.33		0~65
NSM2017-20B3R-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	50%VCC	66	±20
NSM2017-40B3R-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	50%VCC	33	±40
NSM2017-40B3R2-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	50%VCC	33	±40

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NSM2017-40B3R4-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	50%VCC	33	±40
NSM2017-65B3R-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	50%VCC	20.31	±65
NSM2017-65B3R2-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	50%VCC	20.31	±65
NSM2017-65B3R4-Q1SWR	SOW16	Automotive	0.85	5000	8	3.3	320	1.5	-40~125	50%VCC	20.31	±65
NSM2017-65B5R-Q1SWR	SOW16	Automotive	0.85	5000	8	5	320	1.5	-40~125	50%VCC	30.77	±65
NSM2019-100B3F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	13.2	±100
NSM2019-100B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	20	±100
NSM2019-100B5F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	20	±100
NSM2019-100B5F1-DSWCR6	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	20	±100
NSM2019-100B5F1-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	320	1.5	-40~150	2.5	20	±100
NSM2019-100B5F3-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	20	±100
NSM2019-100B5F3-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	320	1.5	-40~150	2.5	20	±100
NSM2019-100B5F3A-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	20	±100
NSM2019-100U3F3-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	320	1.5	-40~150	0.33	26.4	0~100
NSM2019-100U5F3-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	0.5	41.2	0~100
NSM2019-100U5R1-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	10%VCC	40	0~100

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NSM2019-110B3F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	12	±110
NSM2019-125B5F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	16	±125
NSM2019-135B5F0-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	320	1.5	-40~150	2.5	14.81	±135
NSM2019-150B5F0-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	13.3	±150
NSM2019-150B5F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	13.3	±150
NSM2019-150B5F3-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	13.3	±150
NSM2019-150B5F3-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	320	1.5	-40~150	2.5	13.3	±150
NSM2019-150B5F3A-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	13.3	±150
NSM2019-150U3F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	320	1.5	-40~150	0.33	17.6	0~150
NSM2019-180B5F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	11.1	±180
NSM2019-180B5F1-DSWR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	11.1	±180
NSM2019-200B3F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	6.6	±200
NSM2019-200B3F1-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	6.6	±200
NSM2019-200B3F1-Q1SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	6.6	±200
NSM2019-200B5F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	10	±200
NSM2019-200B5F2-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	10	±200

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OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2019-200B5F3-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	320	1.5	-40~150	2.5	10	±200
NSM2019-250B5F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	8	±250
NSM2019-25B5F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	80	±25
NSM2019-25B5F3A-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	80	±25
NSM2019-30B3R1-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	320	1.5	-40~150	50%VCC	44	±30
NSM2019-50B3F-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	26.4	±50
NSM2019-50B3F-Q1SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	26.4	±50
NSM2019-50B3F1-D1SWCR	SOW10	Industrial	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	26.4	±50
NSM2019-50B3F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	26.4	±50
NSM2019-50B3F1-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	26.4	±50
NSM2019-50B3F1-Q1SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	26.4	±50
NSM2019-50B5F-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	320	1.5	-40~150	2.5	40	±50
NSM2019-50B5F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	40	±50
NSM2019-50B5F1-DSWCR6	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	40	±50
NSM2019-50B5F1-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	320	1.5	-40~150	2.5	40	±50
NSM2019-50B5F3-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	40	±50

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NSM2019-50B5F3A-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	40	±50
NSM2019-50U3F1-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	320	1.5	-40~150	0.33	52.8	0~50
NSM2019-50U3F1-Q1SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	320	1.5	-40~150	0.33	52.8	0~50
NSM2019-50U5F3-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	0.5	82.4	0~50
NSM2019-65B3F3-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	20.3	±65
NSM2019-65B3F3-Q1SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	20.3	±65
NSM2019-75B3F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	17.6	±75
NSM2019-75B5F3-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	26.67	±75
NSM2019-75B5F3-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	320	1.5	-40~150	2.5	26.67	±75
NSM2019-75B5F3A-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	26.67	±75
NSM2019-75U5F3-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	0.5	53.33	0~75
NSM2019-80B3F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	16.5	±80
NSM2019-80B3F1-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	16.5	±80
NSM2019-80B3F1-Q1SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	16.5	±80
NSM2019-80B3F2-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	320	1.5	-40~150	1.65	16.5	±80
NSM2019-80B5F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	25	±80

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OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2019-80B5F3-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	320	1.5	-40~150	2.5	25	±80
NSM2019-80B5F3-Q1SWCR	SOW10	Automotive	0.27	5000	8.2	5	320	1.5	-40~150	2.5	25	±80
NSM2019-80B5F3A-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	25	±80
NSM2019P-100B5F3-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	20	±100
NSM2019P-125B5F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	16	±125
NSM2019P-150B5F3-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	13.3	±150
NSM2019P-200B5F2-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	10	±200
NSM2019P-50B5F3-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	40	±50
NSM2019P-80B5F3-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	320	1.5	-40~150	2.5	25	±80
NSM2111-100B3F-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	13.2	±100
NSM2111-100B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	20	±100
NSM2111-110B3F-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	12	±110
NSM2111-125B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	16	±125
NSM2111-150B3F-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	8.8	±150
NSM2111-150B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	13.33	±150
NSM2111-166B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	12.05	±166

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NSM2111-180B5F1-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	11.11	±180
NSM2111-200B3F-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	6.6	±200
NSM2111-200B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	10	±200
NSM2111-50B3F-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	26.4	±50
NSM2111-50B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	40	±50
NSM2111-65B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	30.8	±65
NSM2111-80B3F-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	16.5	±80
NSM2111-80B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	25	±80
NSM2112-20B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	1M	0.4	-40~150	1.65	66	±20
NSM2112-20B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	1M	0.4	-40~150	2.5	100	±20
NSM2112-30B3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	1M	0.4	-40~150	1.65	44	±30
NSM2112-30B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	1M	0.4	-40~150	2.5	66.67	±30
NSM2112-30U5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	1M	0.4	-40~150	0.5	133.3	0~30
NSM2112-40B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	1M	0.4	-40~150	1.65	33	±40
NSM2112-40B3FH-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	1M	0.4	-40~150	1.65	33	±40
NSM2112-40B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	1M	0.4	-40~150	2.5	50	±40

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NSM2112-50B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	1M	0.4	-40~150	1.65	26.4	±50
NSM2112-50B3R-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	1M	0.4	-40~150	1.65	26.4	±50
NSM2112-50B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	1M	0.4	-40~150	1.65	40	±50
NSM2112-65B3F-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	1M	0.4	-40~150	1.65	20.3	±65
NSM2112-65B3FH-DSPR	FCSOP8	Industrial	1.2	3000	4	3.3	1M	0.4	-40~150	1.65	20.3	±65
NSM2112-65B5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	1M	0.4	-40~150	2.5	30.77	±65
NSM2112-80U5F-DSPR	FCSOP8	Industrial	1.2	3000	4	5	1M	0.4	-40~150	0.5	50	0~80
NSM2113-100B3F-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	13.2	±100
NSM2113-100B3F-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	13.2	±100
NSM2113-100B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	20	±100
NSM2113-100B5F-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	20	±100
NSM2113-100U5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	0.5	40	0~100
NSM2113-150B3F-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	8.8	±150
NSM2113-150B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	13.33	±150
NSM2113-150U5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	0.5	26.67	0~150
NSM2113-180B5F-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	11.1	±180

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OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2113-200B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	10	±200
NSM2113-25B3F-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	52.8	±25
NSM2113-25B5F-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	80	±25
NSM2113-50B3F-DSWCR	SOW10	Industrial	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	26.4	±50
NSM2113-50B3F-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	26.4	±50
NSM2113-50B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	40	±50
NSM2113-50B5F-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	40	±50
NSM2113-50U5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	0.5	80	0~50
NSM2113-65B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	30.77	±65
NSM2113-66B3F-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	3.3	1M	0.15	-40~150	1.65	20	±66
NSM2113-66B5F-Q0SWCR	SOW10	Automotive	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	30.3	±66
NSM2113-80B5F-DSWCR	SOW10	Industrial	0.27	5000	8.2	5	1M	0.15	-40~150	2.5	25	±80
NSM2115-10B3F-Q0SWR	FCSOW16	Automotive	1	5000	8	3.3	1M	0.4	-40~150	1.65	132	±10
NSM2115-20B3F-DSWR	FCSOW16	Industrial	1	5000	8	3.3	1M	0.4	-40~150	1.65	66	±20
NSM2115-20B3R-DSWR	FCSOW16	Industrial	1	5000	8	3.3	1M	0.4	-40~150	50%VCC	66	±20
NSM2115-20B3R-Q0SWR	FCSOW16	Automotive	1	5000	8	3.3	1M	0.4	-40~150	50%VCC	66	±20

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NSM2115-20B5F-DSWR	FCSOW16	Industrial	1	5000	8	5	1M	0.4	-40~150	1.65	100	±20
NSM2115-20B5R-DSWR	FCSOW16	Industrial	1	5000	8	5	1M	0.4	-40~150	50%VCC	100	±20
NSM2115-25B3R-DSWR	FCSOW16	Industrial	1	5000	8	3.3	1M	0.4	-40~150	50%VCC	52.8	±25
NSM2115-25B5R-DSWR	FCSOW16	Industrial	1	5000	8	5	1M	0.4	-40~150	50%VCC	80	±25
NSM2115-26X4B3R-DSWR	FCSOW16	Industrial	1	5000	8	3.3	1M	0.4	-40~150	50%VCC	50	±26.4
NSM2115-30B3F-DSWR	FCSOW16	Industrial	1	5000	8	3.3	1M	0.4	-40~150	1.65	44	±30
NSM2115-40B3F-DSWR	FCSOW16	Industrial	1	5000	8	3.3	1M	0.4	-40~150	1.65	33	±40
NSM2115-40B3F-Q0SWR	FCSOW16	Automotive	1	5000	8	3.3	1M	0.4	-40~150	1.65	33	±40
NSM2115-40B3R-DSWR	FCSOW16	Industrial	1	5000	8	3.3	1M	0.4	-40~150	50%VCC	33	±40
NSM2115-40B3R-Q0SWR	FCSOW16	Automotive	1	5000	8	3.3	1M	0.4	-40~150	50%VCC	33	±40
NSM2115-40B5R-DSWR	FCSOW16	Industrial	1	5000	8	5	1M	0.4	-40~150	50%VCC	50	±40
NSM2115-40B5R-Q0SWR	FCSOW16	Automotive	1	5000	8	5	1M	0.4	-40~150	50%VCC	50	±40
NSM2115-40U3R-DSWR	FCSOW16	Industrial	1	5000	8	3.3	1M	0.4	-40~150	10%VCC	66	0~40
NSM2115-40U3R-Q0SWR	FCSOW16	Automotive	1	5000	8	3.3	1M	0.4	-40~150	10%VCC	66	0~40
NSM2115-50B3F-Q0SWR	FCSOW16	Automotive	1	5000	8	3.3	1M	0.4	-40~150	1.65	26.4	±50
NSM2115-50B3R-DSWR	FCSOW16	Industrial	1	5000	8	3.3	1M	0.4	-40~150	50%VCC	26.4	±50

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NSM2115-50B3R-Q0SWR	FCSOW16	Automotive	1	5000	8	3.3	1M	0.4	-40~150	50%VCC	26.4	±50
NSM2115-65B3R-DSWR	FCSOW16	Industrial	1	5000	8	3.3	1M	0.4	-40~150	50%VCC	20.3	±65
NSM2115-65B3R-Q0SWR	FCSOW16	Automotive	1	5000	8	3.3	1M	0.4	-40~150	50%VCC	20.3	±65
NSM2115-65B5F-Q0SWR	FCSOW16	Automotive	1	5000	8	5	1M	0.4	-40~150	1.65	30.8	±65
NSM2115-65B5R-DSWR	FCSOW16	Industrial	1	5000	8	5	1M	0.4	-40~150	50%VCC	30.8	±65
NSM2115-66B3R-DSWR	FCSOW16	Industrial	1	5000	8	3.3	1M	0.4	-40~150	50%VCC	20	±66
NSM2115-75B5R-DSWR	FCSOW16	Industrial	1	5000	8	5	1M	0.4	-40~150	50%VCC	26.67	±75
NSM2115-75B5R-Q0SWR	FCSOW16	Automotive	1	5000	8	5	1M	0.4	-40~150	50%VCC	26.67	±75
NSM2115-80B5F-DSWR	FCSOW16	Industrial	1	5000	8	5	1M	0.4	-40~150	2.5	25	±80
NSM2115-85X7B3F-DSWR	FCSOW16	Industrial	1	5000	8	5	1M	0.4	-40~150	1.65	15.4	±85.7
NSM2117-100B3FH-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	13.2	±100
NSM2117-100B5FH-DSWR	SOW16	Industrial	0.85	5000	8	5	1M	0.3	-40~150	2.5	20	±100
NSM2117-100B5FH-Q0SWR	SOW16	Automotive	0.85	5000	8	5	1M	0.3	-40~150	2.5	20	±100
NSM2117-10B5FH-Q0SWR	SOW16	Automotive	0.85	5000	8	5	1M	0.3	-40~150	2.5	200	±10
NSM2117-133B3F-Q0SWR	SOW16	Automotive	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	9.9	±133
NSM2117-133B3FH-Q0SWR	SOW16	Automotive	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	9.9	±133

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集成式电流传感器

OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2117-133B5F-Q0SWR	SOW16	Automotive	0.85	5000	8	5	400k	1.5	-40~150	2.5	15	±133
NSM2117-133B5FH-Q0SWR	SOW16	Automotive	0.85	5000	8	5	1M	0.3	-40~150	2.5	15	±133
NSM2117-20B3FH-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	66	±20
NSM2117-20B3FH-Q0SWR	SOW16	Automotive	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	66	±20
NSM2117-20B5FH-DSWR	SOW16	Industrial	0.85	5000	8	5	1M	0.3	-40~150	2.5	100	±20
NSM2117-20B5FH-Q0SWR	SOW16	Automotive	0.85	5000	8	5	1M	0.3	-40~150	2.5	100	±20
NSM2117-40B3FH-Q0SWR	SOW16	Automotive	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	33	±40
NSM2117-40B5F-Q0SWR	SOW16	Automotive	0.85	5000	8	5	400k	1.5	-40~150	2.5	50	±40
NSM2117-40B5FH-Q0SWR	SOW16	Automotive	0.85	5000	8	5	1M	0.3	-40~150	2.5	50	±40
NSM2117-50B5FH-DSWR	SOW16	Industrial	0.85	5000	8	5	1M	0.3	-40~150	2.5	40	±50
NSM2117-50B5FH-Q0SWR	SOW16	Automotive	0.85	5000	8	5	1M	0.3	-40~150	2.5	40	±50
NSM2117-65B5F-Q0SWR	SOW16	Automotive	0.85	5000	8	5	400k	1.5	-40~150	2.5	30.8	±65
NSM2117-65B5FH-Q0SWR	SOW16	Automotive	0.85	5000	8	5	1M	0.3	-40~150	2.5	30.8	±65
NSM2117-66B3F-Q0SWR	SOW16	Automotive	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	20	±66
NSM2117-66B3FH-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	20	±66
NSM2117-66B3FH-Q0SWR	SOW16	Automotive	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	20	±66

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集成式电流传感器

OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2117-66B5F-Q0SWR	SOW16	Automotive	0.85	5000	8	5	400k	1.5	-40~150	2.5	30.8	±66
NSM2117-66X7B3FH-Q0SWR	SOW16	Automotive	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	19.8	±66
NSM2117-66X7B5FH-Q0SWR	SOW16	Automotive	0.85	5000	8	5	1M	0.3	-40~150	2.5	19.8	±66
NSM2117-80B3FH-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	16.5	±80
NSM2117-80B5FH-DSWR	SOW16	Industrial	0.85	5000	8	5	1M	0.3	-40~150	2.5	25	±80
NSM2119-05B3F2-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	264	±5
NSM2119-05B3F3-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	264	±5
NSM2119-10B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	132	±10
NSM2119-10B3F2-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	132	±10
NSM2119-20B3F3-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	66	±20
NSM2119-20B5F3-DSWR	SOW16	Industrial	0.85	5000	8	5	1M	0.3	-40~150	2.5	100	±20
NSM2119-30B5F2-DSWR	SOW16	Industrial	0.85	5000	8	5	1M	0.3	-40~150	2.5	66.67	±30
NSM2119-50B3F-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	26.4	±50
NSM2119-50B3F2-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	26.4	±50
NSM2119-50B3F3-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	26.4	±50
NSM2119-50B3F4-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	26.4	±50

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集成式电流传感器

OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2119-50B5F2-DSWR	SOW10	Industrial	0.85	5000	8	5	1M	0.3	-40~150	2.5	40	±50
NSM2119-50B5F3-DSWR	SOW16	Industrial	0.85	5000	8	5	1M	0.3	-40~150	2.5	40	±50
NSM2119-65B3F3-DSWR	SOW16	Industrial	0.85	5000	8	3.3	1M	0.3	-40~150	1.65	20.31	±65
NSM2119-65B5F3-DSWR	SOW16	Industrial	0.85	5000	8	5	1M	0.3	-40~150	2.5	30.8	±65
NSM2119-74B5F6-DSWR	SOW16	Industrial	0.85	5000	8	5	1M	0.3	-40~150	2.5	27	±74
NSM2311-100B3R-DDIET	DIP-5	Industrial	0.1	5000	6.9	3.3	147k	2.4	-40~150	1.65	13.2	±100
NSM2311-100B5F-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	2.5	20	±100
NSM2311-100B5F-Q0DIET	DIP-5	Automotive	0.1	5000	6.9	5	147k	2.4	-40~150	2.5	20	±100
NSM2311-100B5R-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	50%VCC	20	±100
NSM2311-100U5R-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	10%VCC	40	0~100
NSM2311-150B3F-DDIET	DIP-5	Industrial	0.1	5000	6.9	3.3	147k	2.4	-40~150	1.65	8.8	±150
NSM2311-150B3R-DDIET	DIP-5	Industrial	0.1	5000	6.9	3.3	147k	2.4	-40~150	1.65	8.8	±150
NSM2311-150B5R-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	50%VCC	13.33	±150
NSM2311-150U5R-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	10%VCC	26.67	0~150
NSM2311-200B3F-DDIET	DIP-5	Industrial	0.1	5000	6.9	3.3	147k	2.4	-40~150	1.65	6.6	±200
NSM2311-200B3R-DDIET	DIP-5	Industrial	0.1	5000	6.9	3.3	147k	2.4	-40~150	50%VCC	6.6	±200

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集成式电流传感器

OPN	Package	Rating	Primary Resistance (mΩ)	Dielectric Strength (Vrms)	Creepage (mm)	Power Supply (V)	Bandwidth (KHz)	Response Time (us typ.)	Operating Temperature (°C)	Offset (V)	Sensitivity (mV/A)	Current Sense Range (A)
NSM2311-200B5F-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	2.5	10	±200
NSM2311-200B5R-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	50%VCC	10	±200
NSM2311-200B5R-Q0SIPR	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	50%VCC	10	±200
NSM2311-200U3F-DDIET	DIP-5	Industrial	0.1	5000	6.9	3.3	147k	2.4	-40~150	0.33	13.2	0~200
NSM2311-200U5F-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	0.5	20	0~200
NSM2311-300B5F-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	2.5	6.67	±300
NSM2311-300B5R-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	50%VCC	6.67	±300
NSM2311-400B3R-DDIET	DIP-5	Industrial	0.1	5000	6.9	3.3	147k	2.4	-40~150	50%VCC	3.3	±400
NSM2311-400B5F-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	50%VCC	5	±400
NSM2311-400B5R-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	50%VCC	5	±400
NSM2311-400B5R-Q0SIPR	DIP-5	Automotive	0.1	5000	6.9	5	147k	2.4	-40~150	50%VCC	5	±400
NSM2311-50B3F-DDIET	DIP-5	Industrial	0.1	5000	6.9	3.3	147k	2.4	-40~150	1.65	26.4	±50
NSM2311-50B3R-DDIET	DIP-5	Industrial	0.1	5000	6.9	3.3	147k	2.4	-40~150	50%VCC	26.4	±50
NSM2311-50B5F-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	2.5	40	±50
NSM2311-50B5F-Q0DIET	DIP-5	Automotive	0.1	5000	6.9	5	147k	2.4	-40~150	2.5	40	±50
NSM2311-50B5R-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	50%VCC	40	±50
NSM2311-50U5R-DDIET	DIP-5	Industrial	0.1	5000	6.9	5	147k	2.4	-40~150	10%VCC	80	0~50

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线性电流传感器

OPN	Package	Rating	Operating Voltage (V)	Power Consumption (mA typ.)	Bandwidth (KHz)	Response Time(us typ.)	Temperature Range (°C)	Sensitivity (mV/Gs)	Quiescent Output(V)	Linearity(%max.)
MT9519CT-04	SOP8	Automotive	5	15	250	<2.2	-40~150	2.5/4/6/6.66/10	50%VCC	＜ ±0.5
MT9519CT-06	SOP8	Automotive	5	15	250	<2.2	-40~150	2.5/4/6/6.66/10	50%VCC	＜ ±0.5
MT9519CT-10	SOP8	Industrial	5	15	250	<2.2	-40~150	2.5/4/6/6.66/10	50%VCC	＜ ±0.5
MT9519CT-2P5	SOP8	Automotive	5	15	250	<2.2	-40~150	2.5/4/6/6.66/10	50%VCC	＜ ±0.5
MT9519CT-6P66	SOP8	Automotive	5	15	250	<2.2	-40~150	2.5/4/6/6.66/10	50%VCC	＜ ±0.5
NSM2031-1BL-Q0TOR	TO94	Automotive	4.5~5.5	10	240	2.2	-40~150	0.5~15mV/G	50%VCC	＜±0.5
NSM2031-1BS-Q0TOR	TO94	Automotive	4.5~5.5	10	240	2.2	-40~150	0.5~15mV/G	50%VCC	＜±0.5
NSM2031-1BV-Q0TOR	TO94	Automotive	4.5~5.5	10	240	2.2	-40~150	0.5~15mV/G	50%VCC	＜±0.5
NSM2031-1S-Q0TOR	TO94	Automotive	4.5~5.5	10	240	2.2	-40~150	0.5~15mV/G	50%VCC	＜±0.5
NSM2031-1X5BV-Q0TOR	TO94	Automotive	4.5~5.5	10	240	2.2	-40~150	0.5~15mV/G	50%VCC	＜±0.5
NSM2032-0X5PSE-Q0TOR	TO94	Industrial	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2
NSM2032-0X7DBSE-Q0TOR	TO94	Automotive	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2
NSM2032-10PSE-Q0TOR	TO94	Automotive	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2
NSM2032-1DBSE-Q0TOR	TO94	Automotive	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2
NSM2032-1PBSE-Q0TOR	TO94	Automotive	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2
NSM2032-1PSE-Q0TOR	TO94	Automotive	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2
NSM2032-1PSN-Q0TOR	TO94	Automotive	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2

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线性电流传感器

OPN	Package	Rating	Operating Voltage (V)	Power Consumption (mA typ.)	Bandwidth (KHz)	Response Time(us typ.)	Temperature Range (°C)	Sensitivity (mV/Gs)	Quiescent Output(V)	Linearity(%max.)
NSM2032-1X2PSN-Q0TOR	TO94	Automotive	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2
NSM2032-1X3DBSE-Q0TOR	TO94	Automotive	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2
NSM2032-1X3DBZE-Q0TOR	TO94	Automotive	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2
NSM2032-2X5PSE-Q0TOR	TO94	Automotive	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2
NSM2032-2X5PSN-Q0TOR	TO94	Automotive	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2
NSM2032-5PSN-Q0TOR	TO94	Automotive	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	50%VCC	＜±0.2
NSM2034-10PSE-DTONR	TO94	Industrial	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	2.5	＜±0.2
NSM2034-10PSN-DTONR	TO94	Industrial	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	2.5	＜±0.2
NSM2034-10PSN3-DTONR	TO94	Industrial	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	2.5	＜±0.2
NSM2034-1PSE-DTONR	TO94	Industrial	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	2.5	＜±0.2
NSM2034-1PSN-DTONR	TO94	Industrial	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	2.5	＜±0.2
NSM2034-2X5PSE-DTONR	TO94	Industrial	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	2.5	＜±0.2
NSM2034-2X5PSN-DTONR	TO94	Industrial	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	2.5	＜±0.2
NSM2034-5PSE-DTONR	TO94	Industrial	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	2.5	＜±0.2
NSM2034-5PSN-DTONR	TO94	Industrial	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	2.5	＜±0.2
NSM2034-5PSN3-DTONR	TO94	Industrial	4.5~5.5	10	400	1.5	-40~150	0.5~30mV/G	2.5	＜±0.2

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汽车角度传感器

OPN	Package	Rating	Magnetic Sensing Principle	Operating Voltage (V)	Operating Temperature (°C)	Automotive Qualification	ISO26262	Output Overvoltage Protection	Redundant Package Option	Analog Output Curve Programming	PWM Output	Digital Interface	ABZ Incremental Output	UVW Incremental Output	Angle Accuracy
MT6511CT-AED-R	SOP8	Automotive	Differential hall	4.5~5.5	-40~150	Yes	Yes	30V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	Digital	Yes	Yes	<±1.0°
MT6511CT-PMP-R	SOP8	Automotive	Differential hall	4.5~5.5	-40~150	Yes	Yes	30V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	Interface	Yes	Yes	<±1.0°
MT6511CT-SPH-R	SOP8	Automotive	Differential hall	4.5~5.5	-40~150	Yes	Yes	30V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	Yes	Yes	<±1.0°
MT6511CT-SPI-R	SOP8	Automotive	Differential hall	4.5~5.5	-40~150	Yes	Yes	30V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	Yes	Yes	<±1.0°
MT6511CT-SPICH-R	SOP8	Automotive	Differential hall	4.5~5.5	-40~150	Yes	Yes	30V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	Yes	Yes	<±1.0°
MT6511CT-STD-R	SOP8	Automotive	Differential hall	4.5~5.5	-40~150	Yes	Yes	30V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	Yes	Yes	<±1.0°
MT6511CT-STP-R	SOP8	Automotive	Differential hall	4.5~5.5	-40~150	Yes	Yes	30V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	Yes	Yes	<±1.0°
MT6511GT-LFC-R	TSSOP16	Automotive	Differential hall	4.5~5.5	-40~150	Yes	Yes	30V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	Yes	Yes	<±1.0°
MT6511GT-PMP-R	TSSOP16	Automotive	Differential hall	4.5~5.5	-40~150	Yes	Yes	30V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	Yes	Yes	<±1.0°
MT6511GT-SPI-R	TSSOP16	Automotive	Differential hall	4.5~5.5	-40~150	Yes	Yes	30V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	Yes	Yes	<±1.0°
MT6511GT-STD-R	TSSOP16	Automotive	Differential hall	4.5~5.5	-40~150	Yes	Yes	30V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	Yes	Yes	<±1.0°
MT6511GT-STP-R	TSSOP16	Automotive	Differential hall	4.5~5.5	-40~150	Yes	Yes	30V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	Yes	Yes	<±1.0°
MT6521CT-STD-Q-R	SOP8	Automotive	3D HALL(XY,XZ,YZ)	4.5~5.5	-40~160	Yes	Yes	18V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	No	Yes	<±1.0°
MT6521GT-STD-Q-R	TSSOP16	Automotive	3D HALL(XY,XZ,YZ)	4.5~5.5	-40~160	Yes	Yes	18V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	No	Yes	<±1.0°
MT6522CT-STD-Q-R	SOP8	Automotive	3D HALL(XY,XZ,YZ)	4.5~5.5	-40~160	Yes	Yes	18V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	No	Yes	<±1.0°
MT6522GT-STD-Q-R	TSSOP16	Automotive	3D HALL(XY,XZ,YZ)	4.5~5.5	-40~160	Yes	Yes	18V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	No	Yes	<±1.0°
MT6523CT-STD-Q-R	SOP8	Automotive	3D HALL(XY,XZ,YZ)	4.5~5.5	-40~160	Yes	Yes	18V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	No	Yes	<±1.0°
MT6523GT-STD-Q-R	TSSOP16	Automotive	3D HALL(XY,XZ,YZ)	4.5~5.5	-40~160	Yes	Yes	18V	Yes	Any 8-point Programming or 17-point piece-wise-linear Programming	Yes	SPI，SENT	No	Yes	<±1.0°

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OPN	Package	Rating	Operating Voltage (V)	Temperature Range	Propagation Delay (Constant Speed)	Rotational Speed(max.)	ABZ Incremental Output	UVW Incremental Output	PWM Output	Core Resolution	Output Interface
MT6701CT-A32-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-A360-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-A360T-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-A400-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-A457-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-A50-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-A520-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-A600-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-A682-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-A700-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-A720-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-A722-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-A800-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-AAD-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-ABD-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-ACD-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-ACV-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-AKD-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-AKE-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI

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OPN	Package	Rating	Operating Voltage (V)	Temperature Range	Propagation Delay (Constant Speed)	Rotational Speed(max.)	ABZ Incremental Output	UVW Incremental Output	PWM Output	Core Resolution	Output Interface
MT6701CT-LAA-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-LAV-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-P500-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-ST8-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-STD-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-STF-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-STV-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-U3D-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701CT-U4D-R	SOP8	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701QT-A16	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701QT-A32	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701QT-A64	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701QT-A800	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701QT-A900	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701QT-A9D	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701QT-AAD	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701QT-ABD	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701QT-ACD	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701QT-ACE	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI

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OPN	Package	Rating	Operating Voltage (V)	Temperature Range	Propagation Delay (Constant Speed)	Rotational Speed(max.)	ABZ Incremental Output	UVW Incremental Output	PWM Output	Core Resolution	Output Interface
MT6701QT-ACS	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701QT-P500	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6701QT-STD	QFN16	Industrial	3.3~5.0	-40~125	<5μs	<55,000RPM	1~1024lines programmable	1~16pole pairs programmable	12bit	14bit	I²C;SSI
MT6826SGT-ACD-R	TSSOP16	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~4096lines programmable	1~16pole pairs programmable	12bit	15bit	4-wire SPI
MT6826SGT-AKD-R	TSSOP16	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~4096lines programmable	1~16pole pairs programmable	12bit	15bit	4-wire SPI
MT6826SGT-AKH-R	TSSOP16	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~4096lines programmable	1~16pole pairs programmable	12bit	15bit	4-wire SPI
MT6826SGT-APH-R	TSSOP16	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~4096lines programmable	1~16pole pairs programmable	12bit	15bit	4-wire SPI
MT6826SGT-STD-R	TSSOP16	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~4096lines programmable	1~16pole pairs programmable	12bit	15bit	4-wire SPI
MT6826SJT-ACD	QFN24	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~4096lines programmable	1~16pole pairs programmable	12bit	15bit	4-wire SPI
MT6826SJT-AKD	QFN24	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~4096lines programmable	1~16pole pairs programmable	12bit	15bit	4-wire SPI
MT6826SJT-STD	QFN24	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~4096lines programmable	1~16pole pairs programmable	12bit	15bit	4-wire SPI
MT6835GT-AED-R	TSSOP16	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~16384lines programmable	1~16pole pairs programmable	12bit	21bit	4-wire SPI
MT6835GT-AGD-R	TSSOP16	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~16384lines programmable	1~16pole pairs programmable	12bit	21bit	4-wire SPI
MT6835GT-M5F-R	TSSOP16	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~16384lines programmable	1~16pole pairs programmable	12bit	21bit	4-wire SPI
MT6835GT-M5H-R	TSSOP16	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~16384lines programmable	1~16pole pairs programmable	12bit	21bit	4-wire SPI
MT6835GT-STD-R	TSSOP16	Industrial	3.3~5.0	-40~125	2μs~10μs	<120,000RPM	1~16384lines programmable	1~16pole pairs programmable	12bit	21bit	4-wire SPI
MT6901QB-STD	QFN32	Industrial	3.3~5.0	-40~125	10μs	<12,000RPM	1~16384lines programmable	1~16pole pairs programmable	12bit	21bit	4-wire SPI

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ABS轮速传感器

OPN	Package	Rating	Operating Voltage (V)	Output Format	Operating Temperature (℃)	Jitter Feature
NSM4101-Q0TOMR	TO2	Automotive	4.4~20	STA	-40~150	0.0015
NSM4102-Q0TOMR	TO2	Automotive	5.3~20	AK	-40~150	0.0015
NSM4103-Q0TOMR	TO2	Automotive	4.4~20	PWM	-40~150	0.0015
NSM4104-Q0TOMR	TO2	Automotive	5.3~20	AK(without vibration suppression functionality))	-40~150	0.0015
NSM4111-Q0TOMR	TO2	Automotive	4.4~20	STA	-40~150	0.0015
NSM4113-Q0TOMR	TO2	Automotive	5.3~20	PWM	-40~150	0.0015

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霍尔开关/锁存器

OPN	Package	Rating	Sampling Frequency (Hz)	Type	Operating Voltage (V)	Power Consumption (mA)	Temperature Range (°C)	Operating Points (Gs)	Release Points (Gs)	Output Format
MT7201A-CLH	TO92	Automotive	25K	Latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-CLL	TO92	Automotive	25K	Latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-CUH	TO92	Automotive	25K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-CUL	TO92	Automotive	25K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-OLH	TO92	Automotive	100K	Latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-OLL	TO92	Automotive	100K	Latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-OOH	TO92	Automotive	100K	Omnipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-OOL	TO92	Automotive	100K	Omnipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-OUH	TO92	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-OUL	TO92	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-RLH	TO92	Automotive	100K	Latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-RLL	TO92	Automotive	100K	Latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-ROH	TO92	Automotive	100K	Omnipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-ROL	TO92	Automotive	100K	Omnipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-RUH	TO92	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-RUL	TO92	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201A-SLH	TO92	Automotive	25K	Latch	2.8~26	5.95/14.5	-40~150	50	-50	Open drain output
MT7201A-SLL	TO92	Automotive	25K	Latch	2.8~26	5.95/14.5	-40~150	50	-50	Open drain output
MT7201A-SOH	TO92	Automotive	25K	Omnipolar	2.8~26	5.95/14.5	-40~150	±30	±20	Open drain output

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霍尔开关/锁存器

OPN	Package	Rating	Sampling Frequency (Hz)	Type	Operating Voltage (V)	Power Consumption (mA)	Temperature Range (°C)	Operating Points (Gs)	Release Points (Gs)	Output Format
MT7201A-SOL	TO92	Automotive	25K	Omnipolar	2.8~26	5.95/14.5	-40~150	±30	±20	Open drain output
MT7201A-SUH	TO92	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	30	20	Open drain output
MT7201A-SUL	TO92	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	30	20	Open drain output
MT7201AT-CLH	SOT23	Automotive	25K	Latch	2.8~26	5.95/14.5	-40~150	50	-50	Open drain output
MT7201AT-CLL	SOT23	Automotive	25K	Latch	2.8~26	5.95/14.5	-40~150	50	-50	Open drain output
MT7201AT-COH	SOT23	Automotive	25K	Latch	2.8~26	5.95/14.5	-40~150	50	-50	Open drain output
MT7201AT-COL	SOT23	Automotive	25K	Omnipolar	2.8~26	5.95/14.5	-40~150	±30	±20	Open drain output
MT7201AT-CUH	SOT23	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	30	20	Open drain output
MT7201AT-CUL	SOT23	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	30	20	Open drain output
MT7201AT-OLH	SOT23	Automotive	100K	Hall latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201AT-OLL	SOT23	Automotive	100K	Hall latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201AT-OOH	SOT23	Automotive	100K	Omnipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201AT-OOL	SOT23	Automotive	100K	Omnipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201AT-OUH	SOT23	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201AT-OUL	SOT23	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201AT-RLH	SOT23	Automotive	100K	Latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201AT-RLL	SOT23	Automotive	100K	Hall latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201AT-ROH	SOT23	Automotive	100K	Omnipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201AT-ROL	SOT23	Automotive	100K	Omnipolar	2.8~26	4	-40~150	50	-50	Open drain output

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霍尔开关/锁存器

OPN	Package	Rating	Sampling Frequency (Hz)	Type	Operating Voltage (V)	Power Consumption (mA)	Temperature Range (°C)	Operating Points (Gs)	Release Points (Gs)	Output Format
MT7201AT-RUH	SOT23	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201AT-RUL	SOT23	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201ET-CLH	SOT-23 Thin Outline	Automotive	100K	Hall latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201ET-CLL	SOT-23 Thin Outline	Automotive	100K	Hall latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201ET-CUH	SOT-23 Thin Outline	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201ET-CUL	SOT-23 Thin Outline	Automotive	100K	Omnipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201ET-OLH	SOT-23 Thin Outline	Automotive	100K	Hall latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201ET-OLL	SOT-23 Thin Outline	Automotive	100K	Hall latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201ET-OUH	SOT-23 Thin Outline	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201ET-OUL	SOT-23 Thin Outline	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201ET-RLH	SOT-23 Thin Outline	Automotive	100K	Hall latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201ET-RLL	SOT-23 Thin Outline	Automotive	100K	Hall latch	2.8~26	4	-40~150	50	-50	Open drain output
MT7201ET-RUH	SOT-23 Thin Outline	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7201ET-RUL	SOT-23 Thin Outline	Automotive	100K	Unipolar	2.8~26	4	-40~150	50	-50	Open drain output
MT7202A-SLH	TO92	Automotive	25K	Latch	2.8~26	5.95/14.5	-40~150	20	-20	Open drain output
MT7202A-SLL	TO92	Automotive	25K	Latch	2.8~26	5.95/14.5	-40~150	20	-20	Open drain output
MT7202A-SUH	TO92	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	85	50	Open drain output
MT7202A-SUL	TO92	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	85	50	Open drain output
MT7202ET-CUH	SOT-23 Thin Outline	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	85	50	Open drain output

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霍尔开关/锁存器

OPN	Package	Rating	Sampling Frequency (Hz)	Type	Operating Voltage (V)	Power Consumption (mA)	Temperature Range (°C)	Operating Points (Gs)	Release Points (Gs)	Output Format
MT7202ET-CUL	SOT-23 Thin Outline	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	85	50	Open drain output
MT7203A-SOH	TO92	Automotive	25K	Omnipolar	2.8~26	5.95/14.5	-40~150	±140	±105	Open drain output
MT7203A-SUH	TO92	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	140	105	Open drain output
MT7203A-SUL	TO92	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	140	105	Open drain output
MT7203AT-COH	SOT23	Automotive	25K	Omnipolar	2.8~26	5.95/14.5	-40~150	±140	±105	Open drain output
MT7203AT-COL	SOT23	Automotive	25K	Omnipolar	2.8~26	5.95/14.5	-40~150	±140	±105	Open drain output
MT7203AT-CUH	SOT23	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	140	105	Open drain output
MT7203AT-CUL	SOT23	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	140	105	Open drain output
MT7203ET-CUH	SOT-23 Thin Outline	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	140	105	Open drain output
MT7203ET-CUL	SOT-23 Thin Outline	Automotive	25K	Unipolar	2.8~26	5.95/14.5	-40~150	140	105	Open drain output
MT7301A-ODB	TO94	Automotive	100K	Latch	3~24	7	-40~150	25	-25	Open drain output
MT7301A-OSB	TO94	Automotive	100K	Latch	3~24	7	-40~150	25	-25	Open drain output
MT7301A-OSC	TO94	Automotive	100K	Latch	3~24	7	-40~150	25	-25	Open drain output
MT7301AT-ODB	SOT23	Automotive	100K	Latch	3~24	7	-40~150	25	-25	Open drain output
MT7301AT-ODC	SOT23	Automotive	100K	Latch	3~24	7	-40~150	25	-25	Open drain output
MT7301AT-OSB	SOT23	Automotive	100K	Latch	3~24	7	-40~150	25	-25	Open drain output
MT7301AT-OSC	SOT23	Automotive	100K	Latch	3~24	7	-40~150	25	-25	Open drain output
MT8111A	TO92	Industrial	400K	Unipolar hall switch	2.8~24	3.5	-40~150	110	80	Open drain output
MT8111AT	SOT23	Industrial	400K	Unipolar hall switch	2.8~24	3.5	-40~150	110	80	Open drain output

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MT8111AT-B	SOT23	Industrial	400K	Unipolar hall switch	2.8~24	3.5	-40~150	110	80	Open drain output
MT8111ET	SOT-23 Thin Outline	Industrial	400K	Unipolar hall switch	2.8~24	3.5	-40~150	110	80	Open drain output
MT8111ET-B	SOT-23 Thin Outline	Industrial	400K	Unipolar hall switch	2.8~24	3.5	-40~150	110	80	Open drain output
MT8181AT	SOT23	Industrial	400K	Hall latch	2.8~24	3.5	-40~150	20	-20	Built in 10K pull-up resistor
MT8311A	TO92	Automotive	200K	Unipolar hall switch	3.8~60	4	-40~150	140	105	Open drain output
MT8311AT	SOT23	Automotive	200K	Unipolar hall switch	3.8~60	4	-40~150	140	105	Open drain output
MT8311ET	SOT-23 Thin Outline	Automotive	200K	Unipolar hall switch	3.8~60	4	-40~150	140	105	Open drain output
MT8312AT	SOT23	Automotive	200K	Unipolar hall switch	3.8~60	4	-40~150	255	200	Open drain output
MT8312ET	SOT-23 Thin Outline	Automotive	200K	Unipolar hall switch	3.8~60	4	-40~150	255	200	Open drain output
MT8313A	TO92	Automotive	200K	Unipolar hall switch	3.8~60	4	-40~150	85	50	Open drain output
MT8313AT	SOT23	Automotive	200K	Unipolar hall switch	3.8~60	4	-40~150	85	50	Open drain output
MT8313ET	SOT-23 Thin Outline	Automotive	200K	Unipolar hall switch	3.8~60	4	-40~150	85	50	Open drain output
MT8315A	TO92	Automotive	200K	Unipolar hall switch	3.8~60	4	-40~150	30	20	Open drain output
MT8315AT	SOT23	Automotive	200K	Unipolar hall switch	3.8~60	4	-40~150	30	20	Open drain output
MT8315ET	SOT-23 Thin Outline	Automotive	200K	Unipolar hall switch	3.8~60	4	-40~150	30	20	Open drain output
MT8315ET-N	SOT-23 Thin Outline	Automotive	200K	Unipolar hall switch	3.8~60	4	-40~150	30	20	Open drain output
MT8361A	TO92	Automotive	200K	Hall latch	3.8~60	4	-40~150	50	-50	Open drain output
MT8361AT	SOT23	Automotive	200K	Hall latch	3.8~60	4	-40~150	50	-50	Open drain output
MT8361ET	SOT-23 Thin Outline	Automotive	200K	Hall latch	3.8~60	4	-40~150	50	-50	Open drain output

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MT8361ET-HX	SOT-23 Thin Outline	Automotive	200K	Hall latch	3.8~60	4	-40~150	50	-50	Open drain output
MT8362A	TO92	Automotive	200K	Latch	3.8~60	4	-40~150	20	-20	Open drain
MT8362AT	SOT23	Automotive	200K	Latch	3.8~60	4	-40~150	20	-20	Open drain
MT8362ET	SOT-23 Thin Outline	Automotive	200K	Latch	3.8~60	4	-40~150	20	-20	Open drain
MT8381A	TO92	Automotive	200K	Hall latch	3.8~60	4	-40~150	50	-50	Built in 10K pull-up resistor
MT8381AT	SOT23	Automotive	200K	Hall latch	3.8~60	4	-40~150	50	-50	Built in 10K pull-up resistor
MT8381ET	SOT-23 Thin Outline	Automotive	200K	Hall latch	3.8~60	4	-40~150	50	-50	Built in 10K pull-up resistor
MT8382A	TO92	Automotive	200K	Hall latch	3.8~60	4	-40~150	20	-20	Built in 10K pull-up resistor
MT8382AT	SOT23	Automotive	200K	Hall latch	3.8~60	4	-40~150	20	-20	Built in 10K pull-up resistor
MT8382ET	SOT-23 Thin Outline	Automotive	200K	Hall latch	3.8~60	4	-40~150	20	-20	Built in 10K pull-up resistor
MT8512ET	SOT-23 Thin Outline	Industrial	25K	Unipolar hall switch	3.0~24	1	-40~150	120	90	Open drain output
MT8551A	TO92	Industrial	25K	Omnipolar hall switch	3.0~24	1	-40~125	±32	±27	Open drain output
MT8551AT	SOT23	Industrial	25K	Omnipolar hall switch	3.0~24	1	-40~125	±32	±27	Open drain output
MT8552A	TO92	Industrial	25K	Omnipolar hall switch	3.0~24	1	-40~125	±80	±60	Open drain output
MT8552AT	SOT23	Industrial	25K	Omnipolar hall switch	3.0~24	1	-40~125	±80	±60	Open drain output
MT8553A	TO92	Industrial	25K	Omnipolar hall switch	3.0~24	1	-40~125	±60	±40	Open drain output
MT8553AT	SOT23	Industrial	25K	Omnipolar hall switch	3.0~24	1	-40~125	±60	±40	Open drain output
MT8562A	TO92	Industrial	25K	Hall latch	3.0~24	1	-40~150	20	-20	Open drain output
MT8562AT	SOT23	Industrial	25K	Hall latch	3.0~24	1	-40~150	20	-20	Open drain output

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MT8562ET	SOT-23 Thin Outline	Industrial	25K	Hall latch	3.0~24	1	-40~150	20	-20	Open drain output
MT8571A	TO92	Industrial	25K	Omnipolar hall switch	3.0~24	1	-40~150	±32	±27	Built in 10K pull-up resistor
MT8571AT	SOT23	Industrial	25K	Omnipolar hall switch	3.0~24	1	-40~150	±32	±27	Built in 10K pull-up resistor
MT8572A	TO92	Industrial	25K	Omnipolar hall switch	3.0~24	1	-40~125	±80	±60	Built in 10K pull-up resistor
MT8572AT	SOT23	Industrial	25K	Omnipolar hall switch	3.0~24	1	-40~125	±80	±60	Built in 10K pull-up resistor
MT8573A	TO92	Industrial	25K	Omnipolar hall switch	3.0~24	1	-40~125	±60	±40	Built in 10K pull-up resistor
MT8573AT	SOT23	Industrial	25K	Omnipolar hall switch	3.0~24	1	-40~125	±60	±40	Built in 10K pull-up resistor
MT8631A	TO92	Consumer	20	Omnipolar hall switch	2.0~5.5	1.2	-40~125	±37	±25	Push pull output
MT8631AT	SOT23	Consumer	20	Omnipolar hall switch	2.0~5.5	1.2	-40~125	±37	±25	Push pull output
MT8631DT-1616	HFBP-1616	Consumer	20	Omnipolar hall switch	2.0~5.5	1.2	-40~125	±37	±25	Push pull output
MT8632A	TO92	Consumer	20	Omnipolar hall switch	2.0~5.5	1.2	-40~125	±15	±9	Push pull output
MT8632AT	SOT23	Consumer	20	Omnipolar hall switch	2.0~5.5	1.2	-40~125	±15	±9	Push pull output
MT8632AT-3D	SOT23	Consumer	20	Omnipolar hall switch	2.0~5.5	1.2	-40~125	±15	±9	Push pull output
MT8633AT	SOT23	Consumer	20	Omnipolar hall switch	2.0~5.5	1.2	-40~125	±10	±6	Push pull output
MT8651A	TO92	Consumer	20	Omnipolar hall switch	2.0~5.5	1.2	-40~125	±37	±25	Push pull output
MT8651AT	SOT23	Consumer	20	Omnipolar hall switch	2.0~5.5	1.2	-40~125	±37	±25	Open drain output
MT8652A	TO92	Consumer	20	Omnipolar hall switch	2.0~5.5	1.2	-40~125	±16	±9	Open drain output
MT8652AT	SOT23	Consumer	20	Omnipolar hall switch	2.0~5.5	1.2	-40~125	±16	±9	Open drain output
MT8652AT-3D	SOT23	Consumer	20	Omnipolar hall switch (3D Detection)	2.0~5.5	1.2	-40~125	±16	±9	Open drain output

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MT8711A	TO92	Industrial	15K	Unipolar hall switch	2.4~24	0.6	-40~150	85	55	Open drain output
MT8711AT	SOT23	Industrial	15K	Unipolar hall switch	2.4~24	0.6	-40~150	85	55	Open drain output
MT8711ET	SOT-23 Thin Outline	Industrial	15K	Unipolar hall switch	2.4~24	0.6	-40~150	85	55	Open drain output
MT8712A	TO92	Industrial	15K	Unipolar hall switch	2.4~24	0.6	-40~150	130	100	Open drain output
MT8712AT	SOT23	Industrial	15K	Unipolar hall switch	2.4~24	0.6	-40~150	130	100	Open drain output
MT8712ET	SOT-23 Thin Outline	Industrial	15K	Unipolar hall switch	2.4~24	0.6	-40~150	130	100	Open drain output
MT8713A	TO92	Industrial	15K	Unipolar hall switch	2.4~24	0.6	-40~150	30	20	Open drain output
MT8713AT	SOT23	Industrial	15K	Unipolar hall switch	2.4~24	0.6	-40~150	30	20	Open drain output
MT8713ET	SOT-23 Thin Outline	Industrial	15K	Unipolar hall switch	2.4~24	0.6	-40~150	30	20	Open drain output
MT8762A	TO92	Industrial	100K	Hall latch	2.4~24	1.2	-40~150	20	-20	Open drain output
MT8762AT	SOT23	Industrial	100K	Hall latch	2.4~24	1.2	-40~150	20	-20	Open drain output
MT8762CSP	WLCSP	Industrial	100K	Hall latch	2.4~24	1.2	-40~150	20	-20	Open drain output
MT8762DT-1616	HFBP-1616	Industrial	100K	Hall latch	2.4~24	1.2	-40~150	20	-20	Open drain output
MT8762ET	SOT-23 Thin Outline	Industrial	100K	Hall latch	2.4~24	1.2	-40~150	20	-20	Open drain output
MT8763A	TO92	Industrial	100K	Hall latch	2.4~24	1.2	-40~150	20	-20	Open drain output
MT8763AT	SOT23	Industrial	100K	Hall latch	2.4~24	1.2	-40~150	20	-20	Open drain output
MT8763ET	SOT-23 Thin Outline	Industrial	100K	Hall latch	2.4~24	1.2	-40~150	20	-20	Open drain output
MT8822DT-1616	HFBP-1616	Consumer	20（Ctrl=1；1.2KHz）	Hall latch	1.6~5.0	1.7	-40~85	20	-20	Push pull output
MT8823AT	SOT23	Consumer	1.2K	Hall latch	1.6~5.0	60	-40~85	20	-20	Push pull output

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OPN	Package	Rating	Sampling Frequency (Hz)	Type	Operating Voltage (V)	Power Consumption (mA)	Temperature Range (°C)	Operating Points (Gs)	Release Points (Gs)	Output Format
MT8831A	TO92	Consumer	20	Omnipolar hall switch	1.6~5.0	1.7	-40~85	±30	±20	Push pull output
MT8831AT	SOT23	Consumer	20	Omnipolar hall switch	1.6~5.0	1.7	-40~85	±30	±20	Push pull output
MT8831DT-1616	HFBP-1616	Consumer	20	Omnipolar hall switch	1.6~5.0	1.7	-40~85	±30	±20	Push pull output
MT8891A	TO92	Consumer	20	Unipolar hall switch	1.6~5.0	1.7	-40~85	30	20	Push pull output
MT8891AT	SOT23	Consumer	20	Unipolar hall switch	1.6~5.0	1.7	-40~85	30	20	Push pull output
MT8891DT-1616	HFBP-1616	Consumer	20	Unipolar hall switch	1.6~5.0	1.7	-40~85	30	20	Push pull output
MT8901A-SD	TO94	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Speed+Direction
MT8901A-SS	SOT23-6L	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Speed+Speed
MT8901AT-SD	SOT23-6L	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Speed+Direction
MT8901AT-SS	SOT23-6L	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Speed+Speed
MT8902A-SD	SOT23-6L	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Speed+Direction
MT8902AT-SD	SOT23-6L	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Speed+Direction
MT8962A	TO92	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Open drain output
MT8962A-EN	TO92	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Open drain output
MT8962A-PLUS	TO92	Automotive	100K	Latch	2.7~24	4.5	-40~150	110	-110	Open drain output
MT8962AT	SOT23	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Open drain output
MT8962AT-HX	SOT23-3L	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Open drain output
MT8962AT-PLUS	SOT23-3L	Automotive	100K	Latch	2.7~24	4.5	-40~150	110	-110	Open drain output
MT8962ET-EN	SOT-23 Thin Outline	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Open drain output

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MT8963A-EN	TO92	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Open drain output
MT8963ET-EN	SOT-23 Thin Outline	Automotive	100K	Latch	2.7~24	4.5	-40~150	25	-25	Open drain output
NSM1011-B1SLCA-Q0STDR	SOT23	Automotive	50K	Unipolar hall switch	2.7~28	2.5	-40~150	35	25	Open drain output
NSM1011-BNLCA-Q0STDR	SOT23	Automotive	50K	Unipolar hall switch	2.7~28	2.5	-40~150	35	25	Open drain output
NSM1011-BSLCA-Q0STDR	SOT23	Automotive	50K	Unipolar hall switch	2.7~28	2.5	-40~150	35	25	Open drain output
NSM1011-BSLCA-Q0TOB	TO92S	Automotive	50K	Unipolar hall switch	2.7~28	2.5	-40~150	35	25	Open drain output
NSM1011-BSLSA-Q0STDR	SOT23	Automotive	50K	Unipolar hall switch	2.7~28	2.5	-40~150	35	25	Open drain output
NSM1011-BSLSA-Q0TOB	TO92S	Automotive	50K	Unipolar hall switch	2.7~28	2.5	-40~150	35	25	Open drain output
NSM1011-DSLCA-Q0STDR	SOT23	Automotive	50K	Unipolar hall switch	2.7~28	2.5	-40~150	100	90	Open drain output
NSM1011-DSLCA-Q0TOB	TO92S	Automotive	50K	Unipolar hall switch	2.7~28	2.5	-40~150	100	90	Open drain output
NSM1012-ASLSA-Q0STDR	SOT23	Automotive	50K	Omnipolar hall switch	2.7~28	2.5	-40~150	±15	±5	Open drain output
NSM1012-ASLSA-Q0TOB	TO92S	Automotive	50K	Omnipolar hall switch	2.7~28	2.5	-40~150	±15	±5	Open drain output
NSM1012-BSLCA-Q0STDR	SOT23	Automotive	50K	Omnipolar hall switch	2.7~28	2.5	-40~150	±35	±25	Open drain output
NSM1012-BSLCA-Q0TOB	TO92S	Automotive	50K	Omnipolar hall switch	2.7~28	2.5	-40~150	±35	±25	Open drain output
NSM1012-BSLSA-Q0STDR	SOT23	Automotive	50K	Omnipolar hall switch	2.7~28	2.5	-40~150	±35	±25	Open drain output
NSM1012-BSLSA-Q0TOB	TO92S	Automotive	50K	Omnipolar hall switch	2.7~28	2.5	-40~150	±35	±25	Open drain output
NSM1012-DSLCA-Q0STDR	SOT23	Automotive	50K	Omnipolar hall switch	2.7~28	2.5	-40~150	±100	±90	Open drain output
NSM1012-DSLCA-Q0TOB	TO92S	Automotive	50K	Omnipolar hall switch	2.7~28	2.5	-40~150	±100	±90	Open drain output
NSM1013-ASHCA-Q0STDR	SOT23	Automotive	50K	Hall latch	2.7~28	2.5	-40~150	15	-15	Open drain output

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NSM1013-ASLCA-Q0STDR	SOT23	Automotive	50K	Hall latch	2.7~28	2.5	-40~150	15	-15	Open drain output
NSM1013-ASLCA-Q0TOB	TO92S	Automotive	50K	Hall latch	2.7~28	2.5	-40~150	15	-15	Open drain output
NSM1013-BSHCA-Q0STDR	SOT23	Automotive	50K	Hall latch	2.7~28	2.5	-40~150	35	-35	Open drain output
NSM1013-BSLCA-Q0STDR	SOT23	Automotive	50K	Hall latch	2.7~28	2.5	-40~150	35	-35	Open drain output
NSM1013-BSLCA-Q0TOB	TO92S	Automotive	50K	Hall latch	2.7~28	2.5	-40~150	35	-35	Open drain output
NSM1013-DSLCA-Q0STDR	SOT23	Automotive	50K	Hall latch	2.7~28	2.5	-40~150	100	-100	Open drain output
NSM1013-DSLCA-Q0TOB	TO92S	Automotive	50K	Hall latch	2.7~28	2.5	-40~150	100	-100	Open drain output
NSM1013-ESLCA-Q0TOB	TO92S	Automotive	50K	Hall latch	2.7~28	2.5	-40~150	150	-150	Open drain output
NSM1013-ESLCC-Q0STDR	SOT23	Automotive	50K	Hall latch	2.7~28	2.5	-40~150	150	-150	Open drain output
NSM1030-Q0STDR	SOT23	Automotive	50K	Programmable Hall Switch	2.7~28	2.5	-40~150	±1~±600	±1~±600	Open drain output
NSM1030-Q0TOB	TO92S	Automotive	50K	Programmable Hall Switch	2.7~28	2.5	-40~150	±1~±600	±1~±600	Open drain output

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磁阻开关/锁存器

OPN	Package	Rating	Type	Sampling Frequency (Hz)	Operating Voltage (V)	Power Consumption (mA)	Temperature Range (°C)	Operating Points (Gs)	Release Points (Gs)	Output Format
MT6131AT	SOT23	Consumer	AMR,2D Omnipolar	20	1.65~5.0	2μA	-40~125	±18	±13	Push pull output
MT6132AT	SOT23	Consumer	AMR,2D Omnipolar	1K	1.65~5.0	15μA	-40~125	±18	±13	Push pull output
MT6133AT	SOT23	Consumer	AMR,2D Omnipolar	20	1.65~5.0	2μA	-40~125	±18	±13	Open drain output
MT6325DT-1616	HFBP-1616	Industrial	AMR, Omnipolar switch	900	1.8~5.5	4.1	-40~125	±17	±14	Push pull output
MT6325DT-1616-L	HFBP-1616	Industrial	AMR, Omnipolar switch	900	1.8~5.5	4.1	-40~125	±17	±14	Push pull output
MT6341A	TO92	Industrial	AMR, Omnipolar switch	20	1.8~5.5	1.3	-40~125	±10	±8	Push pull output
MT6341AT	SOT23	Industrial	AMR, Omnipolar switch	20	1.8~5.5	1.3	-40~125	±10	±8	Push pull output
MT6343A	TO92	Industrial	AMR, Omnipolar switch	20	1.8~5.5	1.3	-40~125	±18	±15	Push pull output
NSM1051-0SL4D-DSTDR	SOT23	Industrial	TMR, Unipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2μA，0.4μA，0.6μA，1.1μA selectable	-40~125	9	5	Open drain&Push-pull
NSM1051-2SL1D-DSTDR	SOT23	Industrial	TMR, Unipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2μA，0.4μA，0.6μA，1.1μA selectable	-40~125	18	13	Open drain&Push-pull
NSM1052-0SH2P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±9	±5	Open drain&Push-pull
NSM1052-0SH4P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±9	±5	Open drain&Push-pull
NSM1052-0SL1P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±9	±5	Open drain&Push-pull
NSM1052-0SL1P-DTOB	TO92S	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±9	±5	Open drain&Push-pull
NSM1052-0SL3P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±9	±5	Open drain&Push-pull
NSM1052-0SL3P-DTOB	TO92S	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±9	±5	Open drain&Push-pull

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OPN	Package	Rating	Type	Sampling Frequency (Hz)	Operating Voltage (V)	Power Consumption (mA)	Temperature Range (°C)	Operating Points (Gs)	Release Points (Gs)	Output Format
NSM1052-0SL4D-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±9	±5	Open drain&Push-pull
NSM1052-0SL4P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±9	±5	Open drain&Push-pull
NSM1052-0SL4P-DTOB	TO92S	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±9	±5	Open drain&Push-pull
NSM1052-1SH2P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±14	±10	Open drain&Push-pull
NSM1052-1SL1D-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±14	±10	Open drain&Push-pull
NSM1052-1SL1P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±14	±10	Open drain&Push-pull
NSM1052-1SL1P-DTOB	TO92S	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±14	±10	Open drain&Push-pull
NSM1052-1SL3D-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±14	±10	Open drain&Push-pull
NSM1052-1SL4D-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±14	±10	Open drain&Push-pull
NSM1052-1SL4D-DTOB	TO92S	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±14	±10	Open drain&Push-pull
NSM1052-1SL4P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±14	±10	Open drain&Push-pull
NSM1052-2SL1P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±18	±13	Open drain&Push-pull
NSM1052-2SL3P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±18	±13	Open drain&Push-pull
NSM1052-2SL3P-DTOB	TO92S	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±18	±13	Open drain&Push-pull
NSM1052-2SL4D-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±18	±13	Open drain&Push-pull
NSM1052-2SL4P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±18	±13	Open drain&Push-pull
NSM1052-2SL4P-DTOB	TO92S	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±18	±13	Open drain&Push-pull
NSM1052-3NH4P-DTOB	TO92S	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±35	±25	Open drain&Push-pull

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OPN	Package	Rating	Type	Sampling Frequency (Hz)	Operating Voltage (V)	Power Consumption (mA)	Temperature Range (°C)	Operating Points (Gs)	Release Points (Gs)	Output Format
NSM1052-3SH4P-DTOB	TO92S	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±35	±25	Open drain&Push-pull
NSM1052-3SL1P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±35	±25	Open drain&Push-pull
NSM1052-3SL3P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±35	±25	Open drain&Push-pull
NSM1052-3SL4P-DSTDR	SOT23	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±35	±25	Open drain&Push-pull
NSM1052-3SL4P-DTOB	TO92S	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±35	±25	Open drain&Push-pull
NSM1052-5SL1P-DSTDR	SOT23-3L	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±75	±65	Open drain&Push-pull
NSM1052-5SL4P-DSTDR	SOT23-3L	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±75	±65	Open drain&Push-pull
NSM1052-5SL4P-DTOB	TO92S	Industrial	TMR, Omnipolar switch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2uA，0.6uA，1uA，2uA, selectable	-40~125	±75	±65	Open drain&Push-pull
NSM1053-0SL1P-DSTDR	SOT23	Industrial	TMR, Latch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2μA，0.4μA，0.6μA，1.1μA selectable	-40~125	9	-9	Open drain&Push-pull
NSM1053-0SL1P-DTOB	TO92S	Industrial	TMR, Latch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2μA，0.4μA，0.6μA，1.1μA selectable	-40~125	9	-9	Open drain&Push-pull
NSM1053-0SL3P-DTOB	TO92S	Industrial	TMR, Latch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2μA，0.4μA，0.6μA，1.1μA selectable	-40~125	9	-9	Open drain&Push-pull
NSM1053-0SL4D-DSTDR	SOT23	Industrial	TMR, Latch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2μA，0.4μA，0.6μA，1.1μA selectable	-40~125	9	-9	Open drain&Push-pull
NSM1053-1SL1P-DSTDR	SOT23	Industrial	TMR, Latch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2μA，0.4μA，0.6μA，1.1μA selectable	-40~125	14	-14	Open drain&Push-pull
NSM1053-1SL3P-DSTDR	SOT23	Industrial	TMR, Latch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2μA，0.4μA，0.6μA，1.1μA selectable	-40~125	14	-14	Open drain&Push-pull
NSM1053-1SL3P-DTOB	TO92S	Industrial	TMR, Latch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2μA，0.4μA，0.6μA，1.1μA selectable	-40~125	14	-14	Open drain&Push-pull
NSM1053-2SL1P-DSTDR	SOT23	Industrial	TMR, Latch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2μA，0.4μA，0.6μA，1.1μA selectable	-40~125	18	-18	Open drain&Push-pull
NSM1053-3SL1P-DSTDR	SOT23	Industrial	TMR, Latch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2μA，0.4μA，0.6μA，1.1μA selectable	-40~125	35	-35	Open drain&Push-pull
NSM1053-4SL1P-DSTDR	SOT23	Industrial	TMR, Latch	156K，1.25K，2.5K，5KHz selectable	1.8~5.5	0.2μA，0.4μA，0.6μA，1.1μA selectable	-40~125	50	-50	Open drain&Push-pull

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线性位置传感器

OPN	Package	Rating	Type	Operating Voltage (V)	Bandwidth (KHz)	Operating Temperature (°C)	Sensitivity (mV/A)	Operating Power Consumption (mA)	Sleep Power Consumption (mA)
MT8001DT-1616	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-100A	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-100B	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-1KA	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-1KB	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-1KC	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-1KD	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-200A	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-200A-DX	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-200B	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-200B-DX	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-200C	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-400A	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-400B	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-500A	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT8001DT-1616-700A	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005

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线性位置传感器

OPN	Package	Rating	Type	Operating Voltage (V)	Bandwidth (KHz)	Operating Temperature (°C)	Sensitivity (mV/A)	Operating Power Consumption (mA)	Sleep Power Consumption (mA)
MT8001DT-1616-700B	HFBP-1616	Consumer	Digital output linear Hall sensor	2.6~5.0	16K（I2C）	-20~85	<100Code/GS(programmable)	2.8	0.005
MT9101A	TO92	Industrial	Linear Simulation	3.0~5.5	30	-40~150	1.5	6.7	N/A
MT9101DT-1616	HFBP-1616	Industrial	Linear Simulation	3.0~5.5	30	-40~150	1.5@5V	6.7	N/A
MT9101ET	SOT-23 Thin Outline	Industrial	Linear Simulation	3.0~5.5	30	-40~150	1.5	6.7	N/A
MT9102A	TO92	Industrial	Linear Simulation	3.0~5.5	30	-40~150	2.5	6.7	N/A
MT9102DT-1616	HFBP-1616	Consumer	Linear Simulation	3.0~5.5	30	-40~150	2.5@5V	6.7	N/A
MT9102ET	SOT-23 Thin Outline	Industrial	Linear Simulation	3.0~5.5	30	-40~150	2.5	6.7	N/A
MT9103A	TO92	Industrial	Linear Simulation	3.0~5.5	30	-40~150	3.4	6.7	N/A
MT9103DT-1616	HFBP-1616	Industrial	Linear Simulation	3.0~5.5	30	-40~150	3.4@5V	6.7	N/A
MT9103ET	SOT-23 Thin Outline	Industrial	Linear Simulation	3.0~5.5	30	-40~150	3.4	6.7	N/A
MT9105A	TO92	Industrial	Linear Simulation	3.0~5.5	30	-40~150	5	6.7	N/A
MT9105DT-1616	HFBP-1616	Industrial	Linear Simulation	3.0~5.5	30	-40~150	5@5V	6.7	N/A
MT9105ET	SOT-23 Thin Outline	Industrial	Linear Simulation	3.0~5.5	30	-40~150	5	6.7	N/A
MT9106A	TO92	Automotive	Linear Simulation	3.0~5.5	30	-40~150	1.5	6.7	N/A
MT9106ET	SOT-23 Thin Outline	Automotive	Linear Simulation	3.0~5.5	30	-40~150	1.5	6.7	N/A
MT9107A	TO92	Automotive	Linear Simulation	3.0~5.5	30	-40~150	2.5	6.7	N/A

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OPN	Package	Rating	Type	Operating Voltage (V)	Bandwidth (KHz)	Operating Temperature (°C)	Sensitivity (mV/A)	Operating Power Consumption (mA)	Sleep Power Consumption (mA)
MT9107ET	SOT-23 Thin Outline	Automotive	Linear Simulation	3.0~5.5	30	-40~150	2.5	6.7	N/A
MT9108A	TO92	Automotive	Linear Simulation	3.0~5.5	30	-40~150	3.4	6.7	N/A
MT9108ET	SOT-23 Thin Outline	Automotive	Linear Simulation	3.0~5.5	30	-40~150	3.4	6.7	N/A
MT9109A	TO92	Automotive	Linear Simulation	3.0~5.5	30	-40~150	5	6.7	N/A
MT9109ET	SOT-23 Thin Outline	Automotive	Linear Simulation	3.0~5.5	30	-40~150	5	6.7	N/A
MT9111A	TO92	Industrial	Linear, Analog	3.0-3.6	30	-40~125	1	2	N/A
MT9111DT-1616	HFBP-1616	Industrial	Linear, Analog	3.0-3.6	30	-40~125	1	2	N/A
MT9111ET	SOT-23 Thin Outline	Industrial	Linear, Analog	3.0-3.6	30	-40~125	1	2	N/A
MT9112A	TO92	Industrial	Linear, Analog	3.0-3.6	30	-40~125	1.6	2	N/A
MT9112DT-1616	HFBP-1616	Industrial	Linear, Analog	3.0-3.6	30	-40~125	1.6	2	N/A
MT9112ET	SOT-23 Thin Outline	Industrial	Linear, Analog	3.0-3.6	30	-40~125	1.6	2	N/A
MT9113A	TO92	Industrial	Linear, Analog	3.0-3.6	30	-40~125	2.15	2	N/A
MT9113DT-1616	HFBP-1616	Industrial	Linear, Analog	3.0-3.6	30	-40~125	2.15	2	N/A
MT9113ET	SOT-23 Thin Outline	Industrial	Linear, Analog	3.0-3.6	30	-40~125	2.15	2	N/A
MT9115A	TO92	Industrial	Linear, Analog	3.0-3.6	30	-40~125	3.15	2	N/A
MT9115DT-1616	HFBP-1616	Industrial	Linear, Analog	3.0-3.6	30	-40~125	3.15	2	N/A

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线性位置传感器

OPN	Package	Rating	Type	Operating Voltage (V)	Bandwidth (KHz)	Operating Temperature (°C)	Sensitivity (mV/A)	Operating Power Consumption (mA)	Sleep Power Consumption (mA)
MT9115ET	SOT-23 Thin Outline	Industrial	Linear, Analog	3.0-3.6	30	-40~125	3.15	2	N/A
MT9121AT	SOT23-3L	Industrial	Linear, Analog	3.0-3.6	30	-40~125	2	2	N/A
MT9122AT	SOT23-3L	Industrial	Linear, Analog	3.0-3.6	30	-40~125	3.2	2	N/A
MT9123AT	SOT23-3L	Industrial	Linear, Analog	3.0-3.6	30	-40~125	4.3	2	N/A
MT9125AT	SOT23-3L	Industrial	Linear, Analog	3.0-3.6	30	-40~125	6.3	2	N/A
MT9363DT-2030	HFBP-2030	Consumer	Linear simulation allows users to customize sleep mode	1.7-3.6	10	-20~85	3.78	2	0.05
MT9363ET	SOT-23 Thin Outline	Consumer	Linear simulation allows users to customize sleep mode	1.7-3.6	10	-20~85	3.78	2	0.05

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MEMS绝压传感器

OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Supply Voltage (v)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPAD1N115DR03	DFN8	Automotive	10kPa–400kPa Automotive-Grade Absolute Pressure Sensor with Small Size (Customizable Pressure Range)	3mm × 3mm	N	10~400	Digital output better than ±1%F.S. (-20°C to 115°C) Analog output better than ±1.5%F.S. (-20°C to 115°C)	-40~125	3.3V/5V	2.6	Analog/I2C/ SPI	5	Y
NSPAD1N115RR01	DFN8	Automotive	10kPa–400kPa Automotive-Grade Absolute Pressure Sensor with Small Size (Customizable Pressure Range)	3mm × 3mm	N	10~400	Digital output better than ±1%F.S. (-20°C to 115°C) Analog output better than ±1.5%F.S. (-20°C to 115°C)	-40~125	3.3V/5V	2.6	Analog/I2C/ SPI	5	Y
NSPAD1N165DR05	DFN8	Automotive	10kPa–400kPa Automotive-Grade Absolute Pressure Sensor with Small Size (Customizable Pressure Range)	3mm × 3mm	N	10~400	Digital output better than ±1%F.S. (-20°C to 115°C) Analog output better than ±1.5%F.S. (-20°C to 115°C)	-40~125	3.3V/5V	2.6	Analog/I2C/ SPI	5	Y
NSPAD1N200DR04	DFN8	Automotive	10kPa–400kPa Automotive-Grade Absolute Pressure Sensor with Small Size (Customizable Pressure Range)	3mm × 3mm	N	10~400	Digital output better than ±1%F.S. (-20°C to 115°C) Analog output better than ±1.5%F.S. (-20°C to 115°C)	-40~125	3.3V/5V	2.6	Analog/I2C/ SPI	5	Y
NSPAD1N200RR02	DFN8	Automotive	10kPa–400kPa Automotive-Grade Absolute Pressure Sensor with Small Size (Customizable Pressure Range)	3mm × 3mm	N	10~400	Digital output better than ±1%F.S. (-20°C to 115°C) Analog output better than ±1.5%F.S. (-20°C to 115°C)	-40~125	3.3V/5V	2.6	Analog/I2C/ SPI	5	Y
NSPAD1N250RR06	DFN8	Automotive	10kPa–400kPa Automotive-Grade Absolute Pressure Sensor with Small Size (Customizable Pressure Range)	3mm × 3mm	N	10~400	Digital output better than ±1%F.S. (-20°C to 115°C) Analog output better than ±1.5%F.S. (-20°C to 115°C)	-40~125	3.3V/5V	2.6	Analog/I2C/ SPI	5	Y
NSPAD1N400DR07	DFN8	Automotive	10kPa–400kPa Automotive-Grade Absolute Pressure Sensor with Small Size (Customizable Pressure Range)	3mm × 3mm	N	10~400	Digital output better than ±1%F.S. (-20°C to 115°C) Analog output better than ±1.5%F.S. (-20°C to 115°C)	-40~125	3.3V/5V	2.6	Analog/I2C/ SPI	5	Y
NSPAS1N102RR07	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N102RR23	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N105AR19	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N105RR35	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N115AR17	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N115RR01	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N115RR02	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N115RR03	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y

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NSPAS1N115RR04	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N115RR05	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N115RR06	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N115RR20	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N115RR27	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N115RR30	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N115RR32	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N115RR36	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N115RR53	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N116RR16	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N120AR28	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N120RR43	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N120RRA1	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N120RRA2	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N120RRA3	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y

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NSPAS1N125RR29	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N135RR09	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N165AR40	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N165RR40	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N165RR42	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N165RRS1	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N170AR31	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N170RR22	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N250RR08	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N250RR18	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N250RR24	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N250RR48	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N250RR49	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N252RR12	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N300RR10	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y

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NSPAS1N300RR50	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N300RR52	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N310RR34	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N340RR14	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N350RR46	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N350RR51	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N360RR11	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N400AR13	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N400AR45	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N400RR15	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N400RR21	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS1N400RR33	7373SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.3mm x 7.3mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M100RRK6	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M107RR11	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M107RRD4	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y

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NSPAS3M115RR02	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M115RR03	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M115RR05	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M115RR06	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M115RRA1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M115RRD1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M115RRG1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M115RRK2	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M115RRP6	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M115RRS6	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M115RRT1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M120RRK8	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M120RRP7	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M160RRP8	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M165RRE1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y

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NSPAS3M200RRS1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M250RR08	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M250RRB1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M250RRD3	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M250RRS9	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M300RRC1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M300RRF2	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M350RRD6	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M350RRS8	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M400RRF1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M400RRP2	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3M400RRS7	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~125	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N100AR10	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N100RRK6	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N100RRS3	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y

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MEMS绝压传感器

OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Supply Voltage (v)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPAS3N102RR07	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N102RRD8	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N102RRH1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N105RRN3	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N107RR11	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N107RRD2	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N107RRD4	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N110RRS2	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115ARN6	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115ARN7	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115ARP4	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115ART2	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1.5	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115RR01	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115RR02	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115RR03	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y

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OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Supply Voltage (v)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPAS3N115RR04	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115RR05	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115RR06	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115RRA1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115RRD1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115RRG1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115RRK2	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115RRT1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N115RRU4	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N120ARK5	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N120RRD7	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N120RRK1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N120RRK3	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N120RRK8	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N120RRU1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y

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OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Supply Voltage (v)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPAS3N125RRS4	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N140ARN4	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N150RRC2	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N160RRK7	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N160RRP8	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N165RRE1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N165RRE2	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N241RRM1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N250RR08	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N250RRB1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N250RRD3	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N261RRM2	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N270RRN5	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N300RRC1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N300RRF2	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y

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OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Supply Voltage (v)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPAS3N300RRT7	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N350RRD5	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N350RRD6	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N350RRK4	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N350RRM5	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N350RRM6	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N350RRT5	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N391RRM3	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N400ARN1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N400RRC6	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N400RRF1	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N400RRM4	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N400RRN2	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N400RRN8	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N400RRS5	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y

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OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Supply Voltage (v)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPAS3N400RRS7	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N500RRC8	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS3N800RRT4	7070SOP8	Automotive	Automotive-qualified integrated absolute pressure sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N107RRU2	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N115ART2	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N115RRA1	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N115RRD1	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N115RRT2	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N220RRT9	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N250RRS9	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N300RRC1	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N300RRF2	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N300RRU3	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N320RRK9	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N350RRC7	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y

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MEMS绝压传感器

OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Supply Voltage (v)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPAS5N350RRD5	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N350RRK4	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N350RRS8	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N350RRT5	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N390RRC3	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N391RRM3	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N400RRE3	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N400RRF1	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N400RRM9	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y
NSPAS5N400RRT3	7070SOP8	Automotive	Automotive-grade Integrated Corrosionresistant Absolute Pressure Sensor (range can be customized)	7.0mm x 7.0mm	N	10~400	±1	-40~130	4.5~5.5	3.1	Absolute / Ratio-metric	5	Y

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MEMS表压传感器

OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Operating Voltage (V)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPGD1F001DT18	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F001DT26	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F001FT09	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F001FT23	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F001RT31	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F002DT27	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F002RT02	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F003AT05	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F003FT20	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F003FT24	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F004FT12	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F004FT15	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F004FT25	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F004FTA0	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F004RT03	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y

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MEMS表压传感器

OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Operating Voltage (V)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPGD1F005AT06	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F005AT14	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F005DT17	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F005FTA2	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F006AT21	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F006DT04	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F006DT29	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F007FT22	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F010AT16	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F010AT19	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F010DT01	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F010DT10	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1F010RT07	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M002DT27	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M002RT02	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y

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MEMS表压传感器

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NSPGD1M003AT05	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M003DT31	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M004FT12	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M004FT28	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M004FTA0	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M005AT14	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M005DT17	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M005RTG1	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M006AT21	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M006DT04	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M006DT29	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M007FT22	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M010DT10	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M010RT07	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y
NSPGD1M014DT34	1010DIP8	Industrial	Gauge pressure sensor integrated with air nozzle in DIP-8 package (range can be customized)	10.4mm x 10.4mm	Y	-10~10	±1	0~70	3~5.5	2.5	Analog /I2C/ Frequency	5	Y

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MEMS表压传感器

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NSPGL1H060RR05	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1H070RR10	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1H074RR06	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1H074RR12	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1H074RR13	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1H100RR02	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1H100RR07	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1H100RR09	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1H100RR11	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1H100RR15	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1H110RR03	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1H120RR01	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1L005RRA6	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1L007RRA1	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1L007RRB3	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request

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MEMS表压传感器

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NSPGL1L010RRA2	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1L010RRA7	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1L010RRB4	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1L018RRA4	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1L032RRA3	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1L032RRA5	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1L060RRA8	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1L060RRA9	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGL1L060RRB2	LGA8	Automotive	Automotive integrated gauge pressure sensor (range can be customized)	7.5mm x 10.2mm		0~±5kPa /±100kPa	±1.6%	-40~130	4.5~5.5	2.9	Absolute / Ratio-metric	0-5	Y, custom calibration available upon request
NSPGS2E170DT41	7070SOP6	Automotive	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2E300DT46	7070SOP6	Automotive	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F001DTB4	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F002DTB5	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F002RTA2	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F002RTL1	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y

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NSPGS2F002RTL2	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F003DTL4	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F003RTA4	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F003RTL3	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F004ATA1	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F004ATA7	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F004ATA8	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F004ATB6	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F004ATC1	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F004DTB2	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F004DTB9	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F004RTA3	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F005ATC2	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F005DTA5	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F005DTB1	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y

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MEMS表压传感器

OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Operating Voltage (V)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPGS2F006ATA6	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F007DTB8	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F008ATB3	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F010ATA9	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F010DT19	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F016AT31	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F020AT10	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F020AT12	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F020AT32	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F020DT15	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F020RT05	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F020RT07	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F030DT39	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F030RT40	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F035DT09	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y

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OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Operating Voltage (V)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPGS2F035DT36	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F035RT01	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F040AT14	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F050AT22	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F050DT18	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F050DTZQ	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F050RT20	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F050RT44	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F070RT45	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F080RT27	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F080RT34	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F100AT06	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F100AT08	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F100AT21	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F100DT23	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y

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MEMS表压传感器

OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Operating Voltage (V)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPGS2F100RT02	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F100RT03	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F100RT29	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F105DT25	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F150DT30	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F170DT41	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F200AR42	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F200AT04	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F200AT11	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F200AT33	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F200AT42	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F200CT28	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F200DT16	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F200DT28	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F200RT13	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y

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MEMS表压传感器

OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Operating Voltage (V)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPGS2F250AT38	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F250DT35	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F300RT24	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F300RT37	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2F400DT43	7070SOP6	Industrial	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS2R004ATA7	7070SOP6	Consumer	Gauge pressure sensor integrated with air nozzle in SOP-6 package (range can be customized)	7.0mm x 7.0mm	Y	-100~250	±1.5	-40~70	3~5.5	2.5	Analog/I2C	5	Y
NSPGS5F004AT02	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y
NSPGS5F004AT17	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y
NSPGS5F004DT05	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y
NSPGS5F004DT08	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y
NSPGS5F004RT01	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y
NSPGS5F004RT14	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y
NSPGS5F004RT18	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y
NSPGS5F006DT16	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y
NSPGS5F007RT03	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y

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MEMS表压传感器

OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range (kPa)	Accuracy (%F.S.)	Operating Temperature (°C)	Operating Voltage (V)	Operating Current (mA) Typical	Output Type	Full Scale Output (V)	Pre-factory Calibration
NSPGS5F007RT10	SOIC16	Consumer	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y
NSPGS5F008AT06	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y
NSPGS5F010AT04	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y
NSPGS5F010DT07	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y
NSPGS5F012AT09	SOIC16	Industrial	Signal-nozzle integrated gauge pressure sensor (range can be customized)	10.3mm × 7.5mm	Y	-10~10	±1	-20~85	3~5.5	2.9	Analog/I2C	5	Y

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MEMS差压传感器

OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range	Accuracy (%F.S.)	Operating Temperature (°C)	Supply Voltage (v)	Operating Current (mA) Typical	Output Type	Pre-factory Calibration
NSPDS5F001DT02	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F001DT03	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F001DT43	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F001RT13	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F001RT14	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F002AT38	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F002DT04	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F002DT05	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F002DT36	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F002RT15	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F002RT16	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F002RT37	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F004DT06	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F004DT46	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F004RT17	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y

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OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range	Accuracy (%F.S.)	Operating Temperature (°C)	Supply Voltage (v)	Operating Current (mA) Typical	Output Type	Pre-factory Calibration
NSPDS5F004RTA9	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F005DT07	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F005RT18	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F007DT09	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F007RT20	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F008AT39	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F008DT08	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F008RT19	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F010DT10	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F010RT21	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F010RT35	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F014DT11	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F014RT22	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F020DT12	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F020DT41	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y

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OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range	Accuracy (%F.S.)	Operating Temperature (°C)	Supply Voltage (v)	Operating Current (mA) Typical	Output Type	Pre-factory Calibration
NSPDS5F020RT23	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F024AT40	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F035DT24	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F035DT45	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F035RT29	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F039DT44	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F070DT25	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F070RT30	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F093DT26	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F093RT31	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F105DT27	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F105RT32	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F210DT28	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F210RT33	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS5F350DT34	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y

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OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range	Accuracy (%F.S.)	Operating Temperature (°C)	Supply Voltage (v)	Operating Current (mA) Typical	Output Type	Pre-factory Calibration
NSPDS7F001DT45	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F001DT55	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F002DT42	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F002DT50	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F004DT41	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F004DT51	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F008DT46	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F010DT47	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F010DT56	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F016DT49	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F020DT48	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F060DT54	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F070DT43	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F100DT52	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS7F210DT44	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y

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OPN	Package	Rating	Product Description	Package Dimensions (mm X mm)	Air Nozzle	Pressure Range	Accuracy (%F.S.)	Operating Temperature (°C)	Supply Voltage (v)	Operating Current (mA) Typical	Output Type	Pre-factory Calibration
NSPDS7F300DT53	SOIC16	Industrial	Differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±500Pa~±250kPa	±1	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F001DTB6	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F001DTC3	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F002ATB4	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F250DTA1	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F250DTA2	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F250DTB1	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F250DTB7	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F300DTA5	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F300DTB2	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F500DTA8	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F600DTA6	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F600DTB3	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y
NSPDS9F800RTB5	SOIC16	Industrial	Ultra-low range differential pressure sensor with dual air nozzle in SOIC-16 package (range can be customized)	10.3mmx7.5mm	Y	±125Pa~±500Pa	±1.5	-20~70	3~5.5	2.4	Analog/I2C	Y

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温度传感器

OPN	Package	Rating	Product Description	Operating Temperature (°C)	Supply Voltage(V)	Working Current	Port Type	Max. Resolution	Max. Precision	Typical Application
NST1001-QDNR	DFN2	Industrial	High-precision dual-pin digital pulse output temperature sensor	-50~150	1.65~5.5	30μA	Pulse count output	0.0625°C	±0.2°C	NTC replacement, Quick response probe, 2-wire temperature probe, Gas meter temperature compensation, Wearable and IoT temperature measurement
NST1001-QTZB	TO92S	Industrial	High-precision dual-pin digital pulse output temperature sensor	-50~150	1.65~5.5	30μA	Pulse count output	0.0625°C	±0.2°C	NTC replacement, Quick response probe, 2-wire temperature probe, Gas meter temperature compensation, Wearable and IoT temperature measurement
NST1002-CDNR	DFN2	Industrial	High-precision dual-pin digital pulse output temperature sensor	-50~150	1.7~5.5	30μA	One wire protocol	0.0078125°C	±0.1°C	NTC replacement, Quick response probe. 2-wire temperature probe, Glucometer, Wearable, IoT temperature measurement
NST1002-QTZB	TO92S	Industrial	High-precision dual-pin digital pulse output temperature sensor	-50~150	1.7~5.5	30μA	One wire protocol	0.0078125°C	±0.1°C	NTC replacement, Quick response probe. 2-wire temperature probe, Glucometer, Wearable, IoT temperature measurement
NST103A-CWLR	DSBGA	Industrial	Digital temperature sensor with I2C/SMBus interface in wafer-level package	-40~125	1.5~3.6	3μA	I2C/SMBus	1°C	±1°C	X103 series substitution, Mobile phone, Laptop, SOLID-state disk, Server, Telecommunication, Set-top box, Sensor, Low power environment
NST103B-CWLR	DSBGA	Industrial	Digital temperature sensor with I2C/SMBus interface in wafer-level package	-40~125	1.5~3.6	3μA	I2C/SMBus	1°C	±1°C	X103 series substitution, Mobile phone, Laptop, SOLID-state disk, Server, Telecommunication, Set-top box, Sensor, Low power environment
NST103C-CWLR	DSBGA	Industrial	Digital temperature sensor with I2C/SMBus interface in wafer-level package	-40~125	1.5~3.6	3μA	I2C/SMBus	1°C	±1°C	X103 series substitution, Mobile phone, Laptop, SOLID-state disk, Server, Telecommunication, Set-top box, Sensor, Low power environment
NST103D-CWLR	DSBGA	Industrial	Digital temperature sensor with I2C/SMBus interface in wafer-level package	-40~125	1.5~3.6	3μA	I2C/SMBus	1°C	±1°C	X103 series substitution, Mobile phone, Laptop, SOLID-state disk, Server, Telecommunication, Set-top box, Sensor, Low power environment

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OPN	Package	Rating	Product Description	Operating Temperature (°C)	Supply Voltage(V)	Working Current	Port Type	Max. Resolution	Max. Precision	Typical Application
NST103E-CWLR	DSBGA	Industrial	Digital temperature sensor with I2C/SMBus interface in wafer-level package	-40~125	1.5~3.6	3μA	I2C/SMBus	1°C	±1°C	X103 series substitution, Mobile phone, Laptop, SOLID-state disk, Server, Telecommunication, Set-top box, Sensor, Low power environment
NST103F-CWLR	DSBGA	Industrial	Digital temperature sensor with I2C/SMBus interface in wafer-level package	-40~125	1.5~3.6	3μA	I2C/SMBus	1°C	±1°C	X103 series substitution, Mobile phone, Laptop, SOLID-state disk, Server, Telecommunication, Set-top box, Sensor, Low power environment
NST103G-CWLR	DSBGA	Industrial	Digital temperature sensor with I2C/SMBus interface in wafer-level package	-40~125	1.5~3.6	3μA	I2C/SMBus	1°C	±1°C	X103 series substitution, Mobile phone, Laptop, SOLID-state disk, Server, Telecommunication, Set-top box, Sensor, Low power environment
NST103H-CWLR	DSBGA	Industrial	Digital temperature sensor with I2C/SMBus interface in wafer-level package	-40~125	1.5~3.6	3μA	I2C/SMBus	1°C	±1°C	X103 series substitution, Mobile phone, Laptop, SOLID-state disk, Server, Telecommunication, Set-top box, Sensor, Low power environment
NST1075-DDADR	WSON8	Industrial	Small-size high-precision digital temperature sensor	-55~125	1.62~5.5	30μA	I2C/SMBus	0.0625°C	±0.5°C	TMP75 replacement, Server temperature measurement, Routers, Communication base stations, Board-level temperature measurement
NST112-DSTR	SOT563	Industrial	High-accuracy and low-power digital temperature sensor with a I2C/SMBus port	-40~125	1.71~3.6	6.5μA	I2C/SMBus	0.0625°C	±0.5°C	1X2 series substitution, Board level temperature measurement, Server temperature measurement, Battery temperature measurement, SSD temperature measurement, IoT temperature monitoring, etc.
NST112A-CWLR	DSBGA	Industrial	WLCSP package, high-accuracy and low-power digital temperature sensor with a I2C/SMBus port	-40~125	1.5~3.6	5.7μA	I2C/SMBus	0.015625°C	±0.1°C	1X2 series substitution, Wearable temperature monitoring, Board level temperature measurement, Server temperature measurement, Battery temperature measurement, SSD temperature measurement, IoT temperature monitoring, etc.
NST112B-CWLR	DSBGA	Industrial	WLCSP package, high-accuracy and low-power digital temperature sensor with a I2C/SMBus port	-40~125	1.5~3.6	5.7μA	I2C/SMBus	0.015625°C	±0.1°C	1X2 series substitution, Wearable temperature monitoring, Board level temperature measurement, Server temperature measurement, Battery temperature measurement, SSD temperature measurement, IoT temperature monitoring, etc.

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OPN	Package	Rating	Product Description	Operating Temperature (°C)	Supply Voltage(V)	Working Current	Port Type	Max. Resolution	Max. Precision	Typical Application
NST112C-CWLR	DSBGA	Industrial	WLCSP package, high-accuracy and low-power digital temperature sensor with a I2C/SMBus port	-40~125	1.5~3.6	5.7μA	I2C/SMBus	0.015625°C	±0.1°C	1X2 series substitution, Wearable temperature monitoring, Board level temperature measurement, Server temperature measurement, Battery temperature measurement, SSD temperature measurement, IoT temperature monitoring, etc.
NST112D-CWLR	DSBGA	Industrial	WLCSP package, high-accuracy and low-power digital temperature sensor with a I2C/SMBus port	-40~125	1.5~3.6	5.7μA	I2C/SMBus	0.015625°C	±0.1°C	1X2 series substitution, Wearable temperature monitoring, Board level temperature measurement, Server temperature measurement, Battery temperature measurement, SSD temperature measurement, IoT temperature monitoring, etc.
NST117-CDNR	DFN6	Industrial	Small-size high-precision digital temperature sensor with I2C/SMBus interface	-55 ~125	1.62~5.5	30uA	I2C/SMBus	0.0625°C	±0.2°C	x117 series substitution, Wearable temperature monitoring, Medical thermometer, Battery temperature measurement, Industrial Internet of Things, Environmental monitoring
NST118-CDNR	DFN6	Industrial	Small ultra-high-precision digital temperature sensor with I2C port	-40~125	1.71~3.6	6.5μA	I2C/SMBus	0.0625°C	±0.1°C	x117 substitution, Wearable temperature monitoring, Medical thermometer, Battery temperature measurement, Industrial IoT, Environmental monitoring
NST1412-DMSR	MSOP8	Industrial	High-precision I2C/SMBus remote and local temperature sensors	-40 ~125	3~3.6	37μA	I2C/SMBus	0.125°C	±0.5°C	EMC1412 substitution, Laptop, Desktop, Solid-state drive, Server, Telecommunication, Industrial Internet of Things
NST1413-1DMSJR	MSOP10	Industrial	High-precision I2C/SMBus remote and local temperature sensors	-40 ~125	3~3.6	37μA	I2C/SMBus	0.125°C	±0.5°C	EMC1412 substitution, Laptop, Desktop, Solid-state drive, Server, Telecommunication, Industrial Internet of Things
NST175H-Q1MSR	MSOP8	Automotive	I2C/SMBus Interface Digital Temperature Sensor with Automotive-Grade Standard Packaging	-40 ~125	1.62~5.5	30μA	I2C/SMBus	0.0625°C	±0.5°C	Automotive air conditioning system, Automotive infotainment system, Air flow sensor, Battery management system (BMS), Engine control unit, In-vehicle HID lamps, Airbag control unit
NST175H-Q1SPR	SOP8	Automotive	I2C/SMBus Interface Digital Temperature Sensor with Automotive-Grade Standard Packaging	-40 ~125	1.62~5.5	30μA	I2C/SMBus	0.0625°C	±0.5°C	Automotive air conditioning system, Automotive infotainment system, Air flow sensor, Battery management system (BMS), Engine control unit, In-vehicle HID lamps, Airbag control unit

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温度传感器

OPN	Package	Rating	Product Description	Operating Temperature (°C)	Supply Voltage(V)	Working Current	Port Type	Max. Resolution	Max. Precision	Typical Application
NST175H-QMSR	MSOP8	Industrial	I2C/SMBus Interface Digital Temperature Sensor with Automotive-Grade Standard Packaging	-40 ~125	1.62~5.5	30μA	I2C/SMBus	0.0625°C	±0.5°C	Automotive air conditioning system, Automotive infotainment system, Air flow sensor, Battery management system (BMS), Engine control unit, In-vehicle HID lamps, Airbag control unit
NST175H-QSPR	SOP8	Industrial	I2C/SMBus Interface Digital Temperature Sensor with Automotive-Grade Standard Packaging	-40 ~125	1.62~5.5	30μA	I2C/SMBus	0.0625°C	±0.5°C	Automotive air conditioning system, Automotive infotainment system, Air flow sensor, Battery management system (BMS), Engine control unit, In-vehicle HID lamps, Airbag control unit
NST20H-DSCR	SC70-5	Industrial	High-precision, low-power analog output temperature sensor (negative temperature coefficient)	-55~130	2.4~5.5	20μA	Analog output	-11.77mV/°C	±0.5°C	X20 series substitution, Laptop temperature monitoring, Smart phone temperature measurement, Temperature monitoring of portable medical devices, Industrial Internet of Things and power system, Power module temperature measurement, etc.
NST235-DSCR	SC70-5	Industrial	High-precision, low-power analog output temperature sensor (negative temperature coefficient)	-40 ~125	2.3~5.5	20μA	Analog output	10mV/°C	±0.5°C	X235 series substitution, Laptop temperature monitoring, Smart phone temperature measurement, Temperature monitoring of portable medical devices, Industrial Internet of Things and power system, Power module temperature measurement, etc.
NST235-DSTR	SOT23-3L	Industrial	High-precision, low-power analog output temperature sensor (negative temperature coefficient)	-40 ~125	2.3~5.5	20μA	Analog output	10mV/°C	±0.5°C	X235 series substitution, Laptop temperature monitoring, Smart phone temperature measurement, Temperature monitoring of portable medical devices, Industrial Internet of Things and power system, Power module temperature measurement, etc.
NST235-Q1STR	SOT23-3L	Automotive	Automotive-grade high precision, low power consumption analog output temperature sensor (positive temperature coefficient)	-40~150	2.3~5.5	20μA	Analog output	10mV/°C	±0.5°C	Car audio host, car infotainment system, electric power steering (EPS), battery management system (BMS), gear shifting system, gasoline engine
NST461-DQNR	WQFN10	Industrial	Small-size high-precision I2C/SMBus remote and local digital temperature sensor	-40 ~125	2.1~3.6	37μA	I2C/SMBus	0.0625°C	±0.5°C	X461/451 substitution, X4x1 compatibility, Laptop, Desktop, Solid-state drive, Server, Telecommunication, Industrial Internet of Things
NST5111-DCAAR	WLCSP	Industrial	Digital temperature sensor with I2C/I3C interface in wafer-level package	-40 ~125	1.5~3.6	3μA	I2C/I3C	0.25°C	±0.5°C	NST5111 series as a replacement for mobile phones, laptops, solid-state drives, servers, telecom set-top boxes, and sensors in low-power environments.

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温度传感器

OPN	Package	Rating	Product Description	Operating Temperature (°C)	Supply Voltage(V)	Working Current	Port Type	Max. Resolution	Max. Precision	Typical Application
NST5851-DSTCR	SOT23-6	Industrial	Industrial standard packaged I2C/SMBus interface digital temperature sensors	-40 ~125	1.62~5.5	27μA	I2C/SMBus	0.0625°C	±0.5°C	Replacing server temperature monitoring, battery temperature monitoring, SSD temperature monitoring, and industrial board-level temperature monitoring
NST60-DSTR	SOT23-3L	Industrial	High-precision, low-power analog output temperature sensor (positive temperature coefficient)	-40 ~125	2.4~5.5	20μA	Analog output	6.25mV/°C	±0.5°C	X60 series substitution, Laptop temperature monitoring, Smart phone temperature measurement, Temperature monitoring of portable medical devices, Industrial Internet of Things and power system, Power module temperature measurement, etc.
NST60-Q1STR	SOT23-3L	Automotive	Automotive-grade high precision, low power consumption analog output temperature sensor (positive temperature coefficient)	-40 ~125	2.4~5.5	20μA	Analog output	6.25mV/°C	±0.5°C	Car audio host, car infotainment system, electric power steering (EPS), battery management system (BMS), gear shifting system, gasoline engine
NST7719-DMSJR	MSOP10	Industrial	High-precision I2C/SMBUS remote and local temperature sensors (1L+2R)	-40 ~125	3~3.6	37μA	I2C/SMBus	0.125°C	±0.5°C	NCT7719 substitution, Laptop, Desktop, Server, Telecommunication, Industrial Internet of Things
NST86-DSCR	SC70-5	Industrial	High-precision, low-power analog output temperature sensor (negative temperature coefficient)	-50~150	2.4~5.5	20μA	Analog output	-10.9mV/°C	±0.5°C	X86 series substitution, Laptop temperature monitoring, Smart phone temperature measurement, Temperature monitoring of portable medical devices, Industrial Internet of Things and power system, Power module temperature measurement, etc.
NST86-Q1SCR	SC70-5	Automotive	Automotive-grade high precision, low power consumption analog output temperature sensor (negative temperature coefficient)	-40~150	2.4~5.5	20μA	Analog output	-10.9mV/°C	±0.5°C	Car audio host, car infotainment system, electric power steering (EPS), battery management system (BMS), gear shifting system, gasoline engine

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温湿度传感器

OPN	Package	Rating	Product Description	Temperature Range(°C)	Supply Voltage (V)	Working Current	Port Type	Max. Precision	Typical Application
NSHT30-CLAR	LGA8	Industrial	High-precision, Low-power I2C Digital Interface Temperature and Humidity Sensor	-40~125	2.0~5.5	3.2μA	I2C	±0.3°C	Humidifier/dehumidifier, White goods, Intelligent constant temperature and humidity controller, Ventilators, Smart agriculture, Cold chain logistics, Hygrograph, Automobile intelligent fog removal system
NSHT30-Q1DNR	DFN8	Automotive	Automotive High-precision, Low-power I2C Digital Interface Temperature and Humidity Sensor	-40~125	2.0~5.5	3.2μA	I2C	±0.3°C	Window fog removal, Automotive HVAC control module, Automotive Lidar,Battery Management System, Automotive Camera, Air intake manifold humidity measurement
NSHT30-QDNR	DFN8	Industrial	High-precision, Low-power I2C Digital Interface Temperature and Humidity Sensor	-40~125	2.0~5.5	3.2μA	I2C	±0.3°C	Humidifier/dehumidifier, White goods, Intelligent constant temperature and humidity controller, Ventilators, Smart agriculture, Cold chain logistics, Hygrograph, Automobile intelligent fog removal system
NSHT30-QDNR-F	DFN8	Industrial	High-precision, Low-power I2C Digital Interface Temperature and Humidity Sensor	-40~125	2.0~5.5	3.2μA	I2C	±0.3°C	Humidifier/dehumidifier, White goods, Intelligent constant temperature and humidity controller, Ventilators, Smart agriculture, Cold chain logistics, Hygrograph, Automobile intelligent fog removal system
NSHT30-QDNR-P	DFN8	Industrial	High-precision, Low-power I2C Digital Interface Temperature and Humidity Sensor	-40~125	2.0~5.5	3.2μA	I2C	±0.3°C	Humidifier/dehumidifier, White goods, Intelligent constant temperature and humidity controller, Ventilators, Smart agriculture, Cold chain logistics, Hygrograph, Automobile intelligent fog removal system

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磁通门传感器信号调理芯片

OPN	Package	Rating	VCC (V)	Resistance Mismatch Between IS1 and IS2(Typ) (ppm)	Peak Current in COMPENSATION LOOP (mA)	Vos (max at 25°C) (μV)	dVos/dT (typ) (μV/C)	GBP (MHz)	Gain Error (max at 25°C) (%)	Temperature drift of reference (Typ) (ppm/°C%)	Features
NSDRV401-DQCCR	QFN20	Industrial	4.5~5.5	150	250	0.1	0.1	2	0.05	5	EXTERNAL HIGH-POWER DRIVER OPTION ,BUILT-IN DEGAUSS SYSTEM, EXTENSIVE FAULT DETECTION

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电流传感器磁调理芯片

OPN	Status	Package	Rating	Fit sensor	PGA programmed gain range	No. of temperature compensated	Temperature range	Supply voltage/ current	Output bias voltage	Typical application
NSA5312-W	Active	N/A	Industrial	MEMS pressure, magnetic reluctance,Hall	0.9456x~1843x	14	-40~125°C	3~5.5V/6.5mA	2.5V/1.65V/0.5V	Current sensor module Pressure sensor

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模拟麦克风信号调理芯片

OPN	Rating	Supply voltage/current	AOP	Bias range / step size	Gain range/step size	Noise	Output mode	Typical application
NSC6272-0735D	Consumer	1.6V~3.6V/125μA	128dBSPL	7.5V~16V/0.3V	-4dB~11dB/0.5dB	4μVrms	Analog	TWS headset,Smart television,Smart household appliances,Smart speaker
NSC6273-0735D	Consumer	2.3V~3.6V/125μA	130dBSPL	7.5V~16V/0.3V	-4dB~11dB/0.5dB	4μVrms	Analog	TWS headset,Smart television,Smart household appliances,Smart speaker
NSC6275-0900D	Consumer	1.6V~3.6V/124μA@1.8V	127dBSPL@1.8V	9.5V~16.2V/0.3V	-3.6dB~10.6dB/0.5dB	70dB	Analog	MEMS Microphone module,Portable Audio equipment,Cellular Phone
NSC6280-0634D	Consumer	1.6V~3.6V/120μA	132dBSPL	6V~15.5V/0.3V	-1.5dB~11dB/0.5dB	4μVrms	Analog	Mobile/PAD

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数字麦克风信号调理芯片

OPN	Rating	Supply voltage/current	AOP	Bias range / step size	Gain range/step size	Noise	Output mode	Typical application
NSC6362-L075P12D	Consumer	1.62V~3.6V/330μA@768kHz, 780uA@2.4MHz	120dBFS	7.5V~14.4V/0.3V; 15V~19.2V/0.6V	0dB~23dB/0.5dB	4μVrms	Digital	Laptop, Smart speaker

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位置传感器专用芯片

OPN	Package	Rating	Type	Operating Voltage (V)	Operating Temperature (℃)	Power Consumption	ABZ Incremental Output	PWM Output	UVW Incremental Output	Resolution
MT5201DT	DFN 2*3 8L	Industrial	Driver Chip	3.8-30	-40~105	80uA	N/A	N/A	N/A	N/A
MT5201DT-NPN	DFN 2*3 8L	Industrial	Driver Chip	3.8-30	-40~105	80uA	N/A	N/A	N/A	N/A
MT5201DT-PNP	DFN 2*3 8L	Industrial	Driver Chip	3.8-30	-40~105	80uA	N/A	N/A	N/A	N/A
MT5301DT-NPN	DFN 2*3 8L	Industrial	Driver Chip	8.0-36	-40~125	200uA	N/A	N/A	N/A	N/A
MT5301DT-PNP	DFN 2*3 8L	Industrial	Driver Chip	8.0-36	-40~125	200uA	N/A	N/A	N/A	N/A
MT6709QC-STD	QFN48	Industrial	Encoder Decoding Chip	3.3~5.0	-40~125	20mA	1~2500 Pulse/cycle	12bit/cycle	1~63Polarity/Cycle	17 bit
MT6728QC-STD	QFN48	Industrial	Encoder Decoding Chip	3.3~5.0	-40~125	20mA	1~16384 Pulse/cycle	12bit/cycle	1~63Polarity/Cycle	21 bit

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压力传感器信号调理芯片

OPN	Package	Rating	Product Description	Sensor Input Type Supported	Operating Temperature (℃)	Operating Voltage (V)	Output Type	Non-volatile Memory	Key Words of Selection	Typical Application
NSA2200_CBW	N/A	Industrial	General low-cost voltage/resistance bridge signal conditioning chip	Wheatstone bridge pressure sensor, Strain gage, General voltage output sensor	-40~125	1.8~5.5	I2C, SPI, OWI	OTP	Low-cost digital output	Altimeter, Consumer pressure gauge
NSA2300-QMOR	MSOP10	Industrial	General low-cost voltage/resistance bridge signal conditioning chip	Wheatstone bridge pressure sensor, Strain gage, General voltage output sensor	-40~125	1.8~5.5	Analog voltage, I2C, SPI, OWI	OTP	Low-cost analog + digital output	Altimeter, Consumer pressure gauge, Additional automotive pressure sensor, Ear/forehead thermometer (thermopile sensor)
NSA2300-QSOR	SOP8	Industrial	General low-cost voltage/resistance bridge signal conditioning chip	Wheatstone bridge pressure sensor Strain gage General voltage output sensor	-40~125	1.8~5.5	Analog voltage, I2C, SPI, OWI	OTP	Low-cost analog + digital output	Altimeter, Consumer pressure gauge, Additional automotive pressure sensor, Ear/forehead thermometer (thermopile sensor)
NSA2300_QBW	N/A	Industrial	General low-cost voltage/resistance bridge signal conditioning chip	Wheatstone bridge pressure sensor Strain gage General voltage output sensor	-40~125	1.8~5.5	Analog voltage, I2C, SPI, OWI	OTP	Low-cost analog + digital output	Altimeter, Consumer pressure gauge, Additional automotive pressure sensor, Ear/forehead thermometer (thermopile sensor)
NSA2302-W	N/A	Industrial	General low-cost voltage/resistance bridge signal conditioning chip	Wheatstone bridge pressure sensor, Strain gage, General voltage output sensor with bias voltage	-40~125	3~5.5V, High-voltage direct power supply is supported with an external JFET	Analog voltage, I2C, SPI, OWI	EEPROM	Low cost analog + digital output, rewritable EEPROM	Additional automotive pressure sensor, Ear/forehead thermometer (thermopile sensor)
NSA2302_QMOR	MSOP10	Industrial	General low-cost voltage/resistance bridge signal conditioning chip	Wheatstone bridge pressure sensor, Strain gage, General voltage output sensor with bias voltage	-40~125	3~5.5V, High-voltage direct power supply is supported with an external JFET	Analog voltage, I2C, SPI, OWI	EEPROM	Low cost analog + digital output, rewritable EEPROM	Additional automotive pressure sensor, Ear/forehead thermometer (thermopile sensor)
NSA2860X-DSSR	SSOP16	Industrial	General EMC-enhanced industrial resistance pressure transmitter signal conditioning chip	Wheatstone bridge pressure sensor, Strain gage, General voltage output sensor, PT100/PT1000 RTD temperature sensor	-40~125	3~5.5V with external JFET can support 4~20mA loop power supply (compatible with 24V industrial power supply)	Analog voltage, Industrial transmitter standard, 0~5V/0~10V/4~20mA output. PWM, I2C, SPI, OWI	EEPROM	Industrial transmitter, small package	Analog output industrial pressure transmitterA, nalog output industrial RTD temperature transmitter, Bus-type industrial pressure transmitter, Bus-type industrial RTD temperature transmitter

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压力传感器信号调理芯片

OPN	Package	Rating	Product Description	Sensor Input Type Supported	Operating Temperature (℃)	Operating Voltage (V)	Output Type	Non-volatile Memory	Key Words of Selection	Typical Application
NSA2860X-QQNR	QFN20	Industrial	General EMC-enhanced industrial resistance pressure transmitter signal conditioning chip	Wheatstone bridge pressure sensor, Strain gage, General voltage output sensor, PT100/PT1000 RTD temperature sensor	-40~125	3~5.5V with external JFET can support 4~20mA loop power supply (compatible with 24V industrial power supply)	Analog voltage, Industrial transmitter standard, 0~5V/0~10V/4~20mA output. PWM, I2C, SPI, OWI	EEPROM	Industrial transmitter, small package	Analog output industrial pressure transmitterA, nalog output industrial RTD temperature transmitter, Bus-type industrial pressure transmitter, Bus-type industrial RTD temperature transmitter
NSA2860_SSOP16	SSOP16	Industrial	General industrial resistance pressure transmitter signal conditioning chip	Wheatstone bridge pressure sensor, Strain gage, General voltage output sensor, PT100/PT1000 RTD temperature sensor	-40~150	3~5.5, with external JFET can support 4~20mA loop power supply (compatible with 24V industrial power supply)	Analog voltage output, Industrial transmitter standard, 0~5V/0~10V/4~20-mA output, PWM, OWI	EEPROM	Industrial transmitter, cost optimized version	Analog output industrial pressure transmitter, Analog output industrial RTD temperature transmitter
NSA2860_TSSOP	TSSOP20	Industrial	General industrial resistance pressure transmitter signal conditioning chip	Wheatstone bridge pressure sensor, Strain gage, General voltage output sensor, PT100/PT1000 RTD temperature sensor	-40~150	3~5.5, with external JFET can support 4~20mA loop power supply (compatible with 24V industrial power supply)	Analog voltage output, Industrial transmitter standard 0~5V/0~10V/4~20mA output, PWM, I2C, SPI, OWI	EEPROM	Industrial transmitter, full function	Analog output industrial pressure transmitter, Analog output industrial RTD temperature transmitter, Bus-type industrial pressure
NSA2862X-DQNR	QFN20	Automotive	General EMC-enhanced industrial resistance pressure transmitter signal conditioning chip	Wheatstone bridge pressure sensor, Strain gage, General voltage output sensor, PT100/PT1000 RTD temperature sensor	-40~105	2.7~5.5	I2C, SPI, OWI	EEPROM	IoT pressure sensor	Bus-type industrial pressure transmitter, Bus-type industrial RTD temperature transmitter, IOT industrial transmitter
NSA9260X-QSSR	SSOP16	Automotive	EMC-enhanced high-reliability automotive-qualified resistance pressure sensor conditioning chip	Wheatstone bridge resistance pressure sensor	-40~150	4.5~5.5 with external JFET	Analog voltage, PWM, OWI	EEPROM	Automotive pressure EMC-enhanced analog output type	Automotive pressure sensor
NSA9260_SSOP	SSOP16	Industrial	High-reliability automotive-qualified resistance pressure sensor conditioning chip	Wheatstone bridge resistance pressure sensor	-40~150	4.5~5.5 with external JFET	Analog voltage, PWM, OWI	EEPROM	Automotive pressure ordinary analog output type	Automotive pressure sensor
NSC2860X-DQNR	QFN20	Industrial	General industrial capacitive pressure transmitter signal conditioning chip	Capacitive pressure sensor	-40~125	3~5.5, with external JFET can support 4~20mA loop power supply (compatible with 24V industrial power supply)	Analog voltage output, Industrial transmitter standard, 0~5V/0~10V/4~20-mA output, PWM, I2C, SPI, OWI	EEPROM	Capacitive input industrial pressure level transmitter	Capacitive industrial pressure transmitter

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压力传感器信号调理芯片

OPN	Package	Rating	Product Description	Sensor Input Type Supported	Operating Temperature (℃)	Operating Voltage (V)	Output Type	Non-volatile Memory	Key Words of Selection	Typical Application
NSC9260X-QSSR	SSOP16	Automotive	EMC-enhanced high-reliability automotive-qualified capacitive pressure sensor conditioning chip	Capacitive pressure sensor	-40~150	4.5~5.5 with external JFET	Analog voltage, PWM, OWI	EEPROM	Automotive capacitance pressure EMC-enhanced analog output type	Automotive pressure sensor
NSC9260_SSOP	SSOP16	Automotive	High-reliability automotive-qualified capacitive pressure sensor conditioning chip	Capacitive pressure sensor	-40~150	4.5~5.5 with external JFET	Analog voltage, PWM, OWI	EEPROM	Automotive capacitance pressure EMC-enhanced analog output type	Automotive pressure sensor
NSC9262-Q0SSR	SSOP16	Automotive	LIN-interface High-reliability automotive-qualified capacitive pressure sensor conditioning chip	Capacitive pressure sensor	-40~150	7~18	OWI, LIN	EEPROM	Automotive capacitance pressure LIN output type	Automotive pressure sensor
NSC9264-Q0SSR	SSOP16	Automotive	SENT-interface High-reliability automotive-qualified capacitive pressure sensor conditioning chip	Capacitive pressure sensor	-40~150	4.5~5.5	OWI, SENT	EEPROM	Automotive capacitance pressure SENT output type	Automotive pressure sensor

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传感器信号调理专用芯片评估套件

OPN	Rating	Product Description	Supported Products	Operating Temperature (℃)	Driver Software
NSA2860_CAL32	Industrial	Capacitive-Resistive Analog Output Pressure Conditioning Multiple Calibration System	NSA2860；NSC2860；NSA2860X；NSC2860X； NSA9260；NSC9260；NSA9260X；NSC9260X；	NSX2860NSX9260 MUL_CAL_SYS_V1.3_install	RS485 Driver
NSX2860_EVM	Industrial	Capacitive-Resistive Analog Output Pressure Conditioning Multiple Calibration System	NSA2860；NSC2860；NSA2860X；NSC2860X； NSA9260；NSC9260；NSA9260X；NSC9260X；	NSA(C)2860(X)9260(X)_EVM_rev2.6	RS485 Driver
NSX926x-CAL8	Automotive	8-Channel Capacitive-Resistive Analog Output Pressure Conditioning Multiple Calibration System	NSA2860；NSC2860；NSA9260；NSC9260；NSA2860X；NSC2860X；NSA9260X；NSC9260X	NSA(C)_8CH_MUL_CAL_SYS_V1.0_install	RS485 Driver

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通用数字隔离器

OPN	MSL	Package	Rating	Supply Voltage (V)	Channels	Forward / Reverse Channels	Default Output State	Max Data Rate (Mbps)	CMTI (kV/μs)	Isolation Rating	Isolation Voltage (kV)	Surge Test Voltage (kV)	Temperature Range (°C)
NSI8310N0-Q1SPR	MSL3	SOP8	Automotive	2.5~5.5	1	1/0	Low	150	200(Typ)	Basic	3.75	7	-40~125
NSI8310N1-Q1SPR	MSL3	SOP8	Automotive	2.5~5.5	1	1/0	High	150	200(Typ)	Basic	3.75	7	-40~125
NSI8310W0-Q1SWVR	MSL3	SOW8	Automotive	2.5~5.5	1	1/0	Low	100	250(Typ)	Reinforced	5	10	-40~125
NSI8310W1-Q1SWVR	MSL3	SOW8	Automotive	2.5~5.5	1	1/0	High	100	250(Typ)	Reinforced	5	10	-40~125
NSI8320N0-Q1SPR	MSL3	SOP8	Automotive	2.5~5.5	2	2/0	Low	150	200 (Typ)	Basic	3.75	7	-40~125
NSI8320N1-Q1SPR	MSL3	SOP8	Automotive	2.5~5.5	2	2/0	High	150	200 (Typ)	Basic	3.75	7	-40~125
NSI8320W0-DSWWAR	MSL3	SOWW8	Industrial	2.5~5.5	2	2/0	Low	100	250(Typ)	Reinforced	7.5	12.8	-55~125
NSI8320W0-Q1SWVR	MSL3	SOW8	Automotive	2.5~5.5	2	2/0	Low	100	250 (Typ)	Reinforced	5	10	-40~125
NSI8320W1-DSWWAR	MSL3	SOWW8	Industrial	2.5~5.5	2	2/0	High	100	250(Typ)	Reinforced	7.5	12.8	-55~125
NSI8320W1-Q1SWVR	MSL3	SOW8	Automotive	2.5~5.5	2	2/0	High	100	250 (Typ)	Reinforced	5	10	-40~125
NSI8321N0-Q1SPR	MSL3	SOP8	Automotive	2.5~5.5	2	1/1	Low	150	200 (Typ)	Basic	3.75	7	-40~125
NSI8321N1-Q1SPR	MSL3	SOP8	Automotive	2.5~5.5	2	1/1	High	150	200 (Typ)	Basic	3.75	7	-40~125
NSI8321W0-DSWWAR	MSL3	SOWW8	Industrial	2.5~5.5	2	1/1	Low	100	250(Typ)	Reinforced	7.5	12.8	-55~125
NSI8321W0-Q1SWVR	MSL3	SOW8	Automotive	2.5~5.5	2	1/1	Low	100	250 (Typ)	Reinforced	5	10	-40~125
NSI8321W1-DSWWAR	MSL3	SOWW8	Industrial	2.5~5.5	2	1/1	High	100	250(Typ)	Reinforced	7.5	12.8	-55~125
NSI8321W1-Q1SWVR	MSL3	SOW8	Automotive	2.5~5.5	2	1/1	High	100	250 (Typ)	Reinforced	5	10	-40~125
NSI8322N0-Q1SPR	MSL3	SOP8	Automotive	2.5~5.5	2	1/1	Low	150	200 (Typ)	Basic	3.75	7	-40~125

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通用数字隔离器

OPN	MSL	Package	Rating	Supply Voltage (V)	Channels	Forward / Reverse Channels	Default Output State	Max Data Rate (Mbps)	CMTI (kV/μs)	Isolation Rating	Isolation Voltage (kV)	Surge Test Voltage (kV)	Temperature Range (°C)
NSI8322N1-Q1SPR	MSL3	SOP8	Automotive	2.5~5.5	2	1/1	High	150	200 (Typ)	Basic	3.75	7	-40~125
NSI8322W0-DSWWAR	MSL3	SOWW8	Industrial	2.5~5.5	2	1/1	Low	100	250(Typ)	Reinforced	7.5	12.8	-55~125
NSI8322W0-Q1SWVR	MSL3	SOW8	Automotive	2.5~5.5	2	1/1	Low	100	250 (Typ)	Reinforced	5	10	-40~125
NSI8322W1-DSWWAR	MSL3	SOWW8	Industrial	2.5~5.5	2	1/1	High	100	250(Typ)	Reinforced	7.5	12.8	-55~125
NSI8322W1-Q1SWVR	MSL3	SOW8	Automotive	2.5~5.5	2	1/1	High	100	250 (Typ)	Reinforced	5	10	-40~125
NSI8330S0-DSSR	MSL3	SSOP16	Industrial	2.5~5.5	3	3/0	Low	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8330S0-Q1SSR	MSL3	SSOP16	Automotive	2.5~5.5	3	3/0	Low	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8330S1-DSSR	MSL3	SSOP16	Industrial	2.5~5.5	3	3/0	High	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8330S1-Q1SSR	MSL3	SSOP16	Automotive	2.5~5.5	3	3/0	High	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8330W0-DSSWR	MSL3	SSOW16	Industrial	2.5~5.5	3	3/0	Low	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8330W0-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	3	3/0	Low	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8330W1-DSSWR	MSL3	SSOW16	Industrial	2.5~5.5	3	3/0	High	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8330W1-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	3	3/0	High	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8331S0-DSSR	MSL3	SSOP16	Industrial	2.5~5.5	3	2/1	Low	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8331S0-Q1SSR	MSL3	SSOP16	Automotive	2.5~5.5	3	2/1	Low	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8331S1-DSSR	MSL3	SSOP16	Industrial	2.5~5.5	3	2/1	High	100	200 (Typ)	Reinforced	3	10	-40~125

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通用数字隔离器

OPN	MSL	Package	Rating	Supply Voltage (V)	Channels	Forward / Reverse Channels	Default Output State	Max Data Rate (Mbps)	CMTI (kV/μs)	Isolation Rating	Isolation Voltage (kV)	Surge Test Voltage (kV)	Temperature Range (°C)
NSI8331S1-Q1SSR	MSL3	SSOP16	Automotive	2.5~5.5	3	2/1	High	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8331W0-DSSWR	MSL3	SSOW16	Industrial	2.5~5.5	3	2/1	Low	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8331W0-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	3	2/1	Low	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8331W1-DSSWR	MSL3	SSOW16	Industrial	2.5~5.5	3	2/1	High	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8331W1-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	3	2/1	High	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8340S0-DSSR	MSL3	SSOP16	Industrial	2.5~5.5	4	4/0	Low	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8340S0-Q1SSR	MSL3	SSOP16	Automotive	2.5~5.5	4	4/0	Low	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8340S1-DSSR	MSL3	SSOP16	Industrial	2.5~5.5	4	4/0	High	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8340S1-Q1SSR	MSL3	SSOP16	Automotive	2.5~5.5	4	4/0	High	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8340W0-DSSWR	MSL3	SSOW16	Industrial	2.5~5.5	4	4/0	Low	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8340W0-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	4	4/0	Low	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8340W1-DSSWR	MSL3	SSOW16	Industrial	2.5~5.5	4	4/0	High	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8340W1-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	4	4/0	High	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8341S0-DSSR	MSL3	SSOP16	Industrial	2.5~5.5	4	3/1	Low	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8341S0-Q1SSR	MSL3	SSOP16	Automotive	2.5~5.5	4	3/1	Low	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8341S1-DSSR	MSL3	SSOP16	Industrial	2.5~5.5	4	3/1	High	100	200 (Typ)	Reinforced	3	10	-40~125

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通用数字隔离器

OPN	MSL	Package	Rating	Supply Voltage (V)	Channels	Forward / Reverse Channels	Default Output State	Max Data Rate (Mbps)	CMTI (kV/μs)	Isolation Rating	Isolation Voltage (kV)	Surge Test Voltage (kV)	Temperature Range (°C)
NSI8341S1-Q1SSR	MSL3	SSOP16	Automotive	2.5~5.5	4	3/1	High	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8341W0-DSSWR	MSL3	SSOW16	Industrial	2.5~5.5	4	3/1	Low	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8341W0-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	4	3/1	Low	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8341W1-DSSWR	MSL3	SSOW16	Industrial	2.5~5.5	4	3/1	High	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8341W1-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	4	3/1	High	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8342S0-DSSR	MSL3	SSOP16	Industrial	2.5~5.5	4	2/2	Low	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8342S0-Q1SSR	MSL3	SSOP16	Automotive	2.5~5.5	4	2/2	Low	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8342S1-DSSR	MSL3	SSOP16	Industrial	2.5~5.5	4	2/2	High	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8342S1-Q1SSR	MSL3	SSOP16	Automotive	2.5~5.5	4	2/2	High	100	200 (Typ)	Reinforced	3	10	-40~125
NSI8342W0-DSSWR	MSL3	SSOW16	Industrial	2.5~5.5	4	2/2	Low	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8342W0-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	4	2/2	Low	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8342W1-DSSWR	MSL3	SSOW16	Industrial	2.5~5.5	4	2/2	High	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8342W1-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	4	2/2	High	100	200 (Typ)	Reinforced	5	10	-40~125
NSI8360W0-DSWR	MSL3	SOW16	Industrial	2.5~5.5	6	6/0	Low	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8360W0-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	6	6/0	Low	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8360W1-DSWR	MSL3	SOW16	Industrial	2.5~5.5	6	6/0	High	150	250 (Typ)	Reinforced	5	10	-40~125

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通用数字隔离器

OPN	MSL	Package	Rating	Supply Voltage (V)	Channels	Forward / Reverse Channels	Default Output State	Max Data Rate (Mbps)	CMTI (kV/μs)	Isolation Rating	Isolation Voltage (kV)	Surge Test Voltage (kV)	Temperature Range (°C)
NSI8360W1-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	6	6/0	High	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8361W0-DSWR	MSL3	SOW16	Industrial	2.5~5.5	6	5/1	Low	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8361W0-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	6	5/1	Low	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8361W1-DSWR	MSL3	SOW16	Industrial	2.5~5.5	6	5/1	High	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8361W1-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	6	5/1	High	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8362W0-DSWR	MSL3	SOW16	Industrial	2.5~5.5	6	4/2	Low	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8362W0-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	6	4/2	Low	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8362W1-DSWR	MSL3	SOW16	Industrial	2.5~5.5	6	4/2	High	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8362W1-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	6	4/2	High	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8363W0-DSWR	MSL3	SOW16	Industrial	2.5~5.5	6	3/3	Low	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8363W0-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	6	3/3	Low	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8363W1-DSWR	MSL3	SOW16	Industrial	2.5~5.5	6	3/3	High	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8363W1-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	6	3/3	High	150	250 (Typ)	Reinforced	5	10	-40~125
NSI8366W0-DSWR	MSL3	SOW16	Industrial	2.5~5.5	6	6/0	Low	30	200 (Typ)	Reinforced	5	10	-40~125
SP301H-DSSWCR	MSL3	SSOW10	Industrial	2.5~5.5	3	2/1	DE=High; D,R=High	8	200	Reinforced	5	10	-40~125
SP301L-DSSWCR	MSL3	SSOW10	Industrial	2.5~5.5	3	2/1	DE=Low; D,R=High	8	200	Reinforced	5	10	-40~125

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I2C隔离器

	MSL	Package	Rating	Serial Clock	Serial Data	Channels	Max Clock Frequency (MHz)	Max Data Rate (MHz)	Isolation Rating	Withstand Isolation Voltage (VISO) (kVrms)	Surge Test Voltage (kV)	CMTI (kV/μs)	Temperature Range (°C)
NSI8100N	MSL1	SOP8	Industrial	1	1	2	2	2	Basic	3.75	7	150	-40~125
NSI8100NC	MSL3	SOP8	Industrial	1	1	2	2	2	Basic	3.75	7	150	-40~125
NSI8100W	MSL2	SOW16	Industrial	1	1	2	2	2	Basic	5	7	150	-40~125
NSI8200-DSPR	MSL1	SOP8	Industrial	1	1	2	2	2	Basic	3.75	7	150	-40~125
NSI8200-DSWR	MSL2	SOW16	Industrial	1	1	2	2	2	Reinforced	5	10	150	-40~125
NSI8200-DSWWAR	MSL3	SOWW8	Industrial	1	1	2	2	2	Reinforced	8	10	150	-40~125

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隔离式数字输入

	MSL	Package	Rating	Isolation Rating	Number of Channels	Forward / Reverse Channels	Data Rate (max) (Mbps)	Working Isolation Voltage (VIOWM) (Vrms)	Surge Isolation Voltage (VIOSM) (VPK)	Transient Isolation Voltage (VIOTM) (VPK)	Withstand Isolation Voltage (VISO) (Vrms)	CMTI (kV/μs)	Temperature Range (°C)	Supply Voltage (max) (V)	Supply Voltage (min) (V)
NSI8608 -DSSTR	MSL2	SSOP20	Industrial	Basic	8	8/0	2	400	7000	5000	3000	75 (typ, 50 min)	-40~125	VDD=5, VAx=±60	VDD=2.5, VAx=±8

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隔离式ADC

OPN	Package	Rating	Type	FSR (mV)	Clock Frequency (Max) (MHz)	VIOWM (rms) (V)	Isolation Voltage (kV)	INL (Max) (LSB)	Input Offset Error (Max) (μV)	Input Offset Error Drift (Max) (μV/°C)	Gain Error (Max) (%)	Gain Error Drift (Max) (ppm/°C)	CMTI (kV/μs)	SNR (Typ) (dB)	Output Type
NSI1303E02-DSWVR	SOW8	Industrial	Current Sensing ADC	±50	20	1500	5	±4	±50	±0.5	±0.2	±30	150	84	Manchester
NSI1303E22-DSWVR	SOW8	Industrial	Current Sensing ADC	±250	20	1500	5	±4	±50	±0.5	±0.2	±30	150	83	Manchester
NSI1303M02-DSWVR	SOW8	Industrial	Current Sensing ADC	±50	20	1500	5	±4	±50	±0.5	±0.2	±30	100	83	CMOS (clock rising edge effective)
NSI1303M21-DSWR	SOW16	Industrial	Current Sensing ADC	±250	10	1500	5	±4	±100	±1	±0.2	±40	100	85	CMOS (clock rising edge effective)
NSI1303M21-DSWVR	SOW8	Industrial	Current Sensing ADC	±250	10	1500	5	±4	±100	±1	±0.2	±40	100	85	CMOS (clock rising edge effective)
NSI1303M22-DSWVR	SOW8	Industrial	Current Sensing ADC	±250	10	1500	5	±4	±100	±1	±0.2	±40	100	83	CMOS (clock rising edge effective)
NSI1305L25-DSWR	SOW16	Industrial	Current Sensing ADC	±250	21	1500	5	±4	±100	±1.3	±0.2	±40	100	86	LVDS (clock falling edge effective)
NSI1305M25-DSWR	SOW16	Industrial	Current Sensing ADC	±250	21	1500	5	±4	±100	±1	±0.2	±40	100	82.5	CMOS (clock falling edge effective)
NSI1305M25-DSWVR	SOW8	Industrial	Current Sensing ADC	±250	21	1500	5	±4	±100	-0.5/+1.5	±0.2	±40	100	86	CMOS (clock rising edge effective)
NSI1306C25-DSWR	SOW16	Industrial	Current Sensing ADC	±250	21	1500	5	±4	±100	-0.5/+1.5	±0.2	±40	100	82.5	CMOS (clock rising edge effective)
NSI1306C25-DSWVR	SOW8	Industrial	Current Sensing ADC	±250	21	1500	5	±4	±100	-0.5/+1.5	±0.2	±40	100	82.5	CMOS (clock rising edge effective)
NSI1306L25-DSWR	SOW16	Industrial	Current Sensing ADC	±250	21	1500	5	±4	±100	±1.3	±0.2	±40	100	86	LVDS (clock rising edge effective)
NSI1306M05-DSWR	SOW16	Industrial	Current Sensing ADC	±50	21	1500	5	±4	±50	±0.5	±0.2	±30	100	82.5	CMOS (clock rising edge effective)
NSI1306M05-DSWVR	SOW8	Industrial	Current Sensing ADC	±50	21	1500	5	±4	±50	±0.5	±0.2	±30	100	82.5	CMOS (clock rising edge effective)
NSI1306M25-DSWR	SOW16	Industrial	Current Sensing ADC	±250	21	1500	5	±4	±100	-0.5/+1.5	±0.2	±40	100	82.5	CMOS (clock rising edge effective)
NSI1306M25-DSWVR	SOW8	Industrial	Current Sensing ADC	±250	21	1500	5	±4	±100	-0.5/+1.5	±0.2	±40	100	82.5	CMOS (clock rising edge effective)

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隔离式ADC

OPN	Package	Rating	Type	FSR (mV)	Clock Frequency (Max) (MHz)	VIOWM (rms) (V)	Isolation Voltage (kV)	INL (Max) (LSB)	Input Offset Error (Max) (μV)	Input Offset Error Drift (Max) (μV/°C)	Gain Error (Max) (%)	Gain Error Drift (Max) (ppm/°C)	CMTI (kV/μs)	SNR (Typ) (dB)	Output Type
NSI1316-DSWVR	SOW8	Industrial	Voltage Sensing ADC	±1000	21	1500	5	±4	±600	±10	±0.3	±40	150	82	CMOS (clock rising edge effective)
NSI1316-Q1SWVR	SOW8	Automotive	Voltage Sensing ADC	±1000	21	1500	5	±4	±600	±10	±0.3	±40	150	82	CMOS (clock rising edge effective)

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隔离式比较器

OPN	MSL	Package	Rating	Input Channels	Type	VDD1 (Max) (V)	VDD2 (Max) (V)	VIN (V)	Adjustable Input Reference Threshold (Max) (mV)	Trigger Threshold (Max) (%)	Propagation Time (Max) (μs)	Output Type	VIOWM (rms) (V)	Isolation Voltage (kV)	CMTI (kV/μs, typical)	Temperature Range (°C)
NSI22C11-DSWVR	MSL3	SOW8	Industrial	1	Single-Ended Comparator	27	5.5	0~2.7	500mV to 2000mV	±0.25	0.6	Open-drain /Push-pull	1500	5	150	-40~125
NSI22C12-DSWVR	MSL3	SOW8	Industrial	1	Window Comparator	27	5.5	±0.4	±20mV to ±320mV	±1	0.25	Open-drain	1500	5	150	-40~125
NSI22C12-Q1SWVR	MSL3	SOW8	Automotive	1	Window Comparator	27	5.5	±0.4	±20mV to ±320mV	±1	0.3	Open-drain	1500	5	150	-40~125

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隔离电流/电压采样放大器

OPN	Package	Rating	FSR	Bandwidth (typ) (kHz)	VIORM (Vpeak)	Isolation Voltage (kV)	Input Offset Error (Max)	Input Offset Voltage Error Temperature Drift (Max) (μV/°C)	Gain	Gain Error (Max) (%)	Gain Error Drift (Max) (ppm/°C)	Nonlinearity (Max) (%)	CMTI (kV/μs)	Propagation Delay (Max) (μs)	Output Type
NSI1200-DDBR	DUB8	Industrial	±250mV	100	2121	5	±500uV	±4	8	±0.3	±50	±0.03	100	4	Differential
NSI1200-DSWVR	SOW8	Industrial	±250mV	100	2121	5	±500uV	±4	8	±0.3	±50	±0.03	100	4	Differential
NSI1200-Q1SWVR	SOW8	Automotive	±250mV	100	2121	5	±500uV	±5	8	±0.35	±50	±0.05	100	4	Differential
NSI1200C-DDBR	DUB8	Industrial	±250mV	220	1000	3	±500uV	±5	8	±0.3	±30	±0.05	100	2	Differential
NSI1200C-DSWVR	SOW8	Industrial	±250mV	220	2121	5	±500uV	±5	8	±0.3	±30	±0.05	100	2	Differential
NSI1200C-Q1SWVR	SOW8	Automotive	±250mV	220	2121	5	±500uV	±5	8	±0.3	±30	±0.05	100	2.3	Differential
NSI1300D05-DSWVR	SOW8	Industrial	±50mV	310	2121	5	±100uV	-0.8/+1	41	±0.3	±50	±0.03	100	2.1	Differential
NSI1300D05-Q1SWVR	SOW8	Automotive	±50mV	310	2121	5	±100uV	-0.8/+1	41	±0.3	±50	±0.04	100	2.1	Differential
NSI1300D25-DSWVR	SOW8	Industrial	±250mV	310	2121	5	±200uV	-2/+4	8.2	±0.3	±50	±0.03	100	2.1	Differential
NSI1300D25-DSWWAR	SOWW8	Industrial	±250mV	310	2121	7.5	±200uV	4	8.2	±0.3	±50	±0.03	100	2.1	Differential
NSI1300D25-Q1SWVR	SOW8	Automotive	±250mV	310	2121	5	±200uV	-2/+4	8.2	±0.3	±50	±0.04	100	2.1	Differential
NSI1311-DSWVR	SOW8	Industrial	0.02~2V	400	2121	5	±1.5mV	-5/+30	1	±0.3	±45	±0.05	100	2.1	Differential
NSI1311-DSWWAR	SOWW8	Industrial	0.02~2V	400	2121	7.5	±1.5mV	25	1	±0.3	±45	±0.05	100	2.1	Differential
NSI1311-Q1SWVR	SOW8	Automotive	0.02~2V	400	2121	5	±1.5mV	-5/+30	1	±0.3	±45	±0.05	100	2.1	Differential
NSI1312D-DSPR	SOP8	Industrial	±1.2V	100	990	3	±2.5mV	±20	1	±0.3	±40	±0.05	100	4	Differential
NSI1312D-DSWVR	SOW8	Industrial	±1.2V	100	2121	5	±2.5mV	±20	1	±0.3	±40	±0.05	100	4	Differential

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隔离电流/电压采样放大器

OPN	Package	Rating	FSR	Bandwidth (typ) (kHz)	VIORM (Vpeak)	Isolation Voltage (kV)	Input Offset Error (Max)	Input Offset Voltage Error Temperature Drift (Max) (μV/°C)	Gain	Gain Error (Max) (%)	Gain Error Drift (Max) (ppm/°C)	Nonlinearity (Max) (%)	CMTI (kV/μs)	Propagation Delay (Max) (μs)	Output Type
NSI1312D-Q1SWVR	SOW8	Automotive	±1.2V	100	2121	5	±2.5mV	±20	1	±0.3	±40	±0.05	100	4	Differential
NSI1312S-DSPR	SOP8	Industrial	±1.2V	100	990	3	±2.5mV	±20	1	±0.3	±40	±0.05	100	4	Single-Ended
NSI1312S-DSWVR	SOW8	Industrial	±1.2V	100	2121	5	±2.5mV	±20	1	±0.3	±40	±0.05	100	4	Single-Ended
NSI1312S-Q1SWVR	SOW8	Automotive	±1.2V	100	2121	5	±2.5mV	±20	1	±0.3	±40	±0.05	100	4	Single-Ended
NSI1400D-DSWVR	SOW8	Industrial	±250mV	220	2121	5	±500uV	±4	8.2	±0.3	±30	±0.05	100	2	Differential
NSI1400D-Q1SWVR	SOW8	Automotive	±250mV	220	2121	5	±500uV	±4	8.2	±0.3	±30	±0.05	100	2.3	Differential
NSI1611D02-DSWVR	SOW8	Industrial	-0.1~2V	330	1500	5.7	±0.8mV	±20	1	±0.25	±45	±0.04	150	1.9	Differential
NSI1611D02-Q1SWVR	SOW8	Automotive	-0.1~2V	330	1500	5.7	±0.8mV	±20	1	±0.25	±45	±0.04	150	1.9	Differential
NSI1611D04-DSWVR	SOW8	Industrial	-0.1~4V	330	1500	5.7	±1.5mV	±40	0.5	±0.25	±45	±0.04	150	1.9	Differential
NSI1611D04-Q1SWVR	SOW8	Automotive	-0.1~4V	330	1500	5.7	±1.5mV	±40	0.5	±0.25	±45	±0.04	150	1.9	Differential
NSI1611S02-DSWVR	SOW8	Industrial	0~2V	330	1500	5.7	±0.8mV	±20	1	±0.25	±45	±0.04	150	1.9	Single-Ended
NSI1611S02-Q1SWVR	SOW8	Automotive	0~2V	330	1500	5.7	±0.8mV	±20	1	±0.25	±45	±0.04	150	1.9	Single-Ended
NSI1611S04-DSWVR	SOW8	Industrial	0~4V	330	1500	5.7	±1.5mV	±40	0.5	±0.25	±45	±0.04	150	1.9	Single-Ended
NSI1611S04-Q1SWVR	SOW8	Automotive	0~4V	330	1500	5.7	±1.5mV	±40	0.5	±0.25	±45	±0.04	150	1.9	Single-Ended
NSI1611S33-DSWVR	SOW8	Industrial	0~4V	330	1500	5.7	±1.5mV	±40	0.2*REFIN	±0.25	±45	±0.04	150	1.9	Single-Ended
NSI1611S33-Q1SWVR	SOW8	Automotive	0~4V	330	1500	5.7	±1.5mV	±40	0.2*REFIN	±0.25	±45	±0.04	150	1.9	Single-Ended

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隔离电流/电压采样放大器

OPN	Package	Rating	FSR	Bandwidth (typ) (kHz)	VIORM (Vpeak)	Isolation Voltage (kV)	Input Offset Error (Max)	Input Offset Voltage Error Temperature Drift (Max) (μV/°C)	Gain	Gain Error (Max) (%)	Gain Error Drift (Max) (ppm/°C)	Nonlinearity (Max) (%)	CMTI (kV/μs)	Propagation Delay (Max) (μs)	Output Type
NSI1611S50-DSWVR	SOW8	Industrial	0~4V	330	1500	5.7	±1.5mV	±40	0.2*REFIN	±0.25	±45	±0.04	150	1.9	Single-Ended
NSI1611S50-Q1SWVR	SOW8	Automotive	0~4V	330	1500	5.7	±1.5mV	±40	0.2*REFIN	±0.25	±45	±0.04	150	1.9	Single-Ended

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隔离式误差放大器

OPN	MSL	Package	Rating	VDD1 (Max) (V)	VDD2 (Max) (V)	Bandwidth (typ) (kHz)	VIORM (Vpeak)	Isolation Voltage (kV)	Input Offset Error (Max) (mV)	Input Common Mode Range (V)	Output Voltage Range (V)	Input Bias Current (typ) (pA)	Common Mode Rejection (typ) (dB)	CMTI (kV/μs)	Temperature Range (°C)
NSI3190-DSSR	MSL1	SSOP16	Industrial	20	20	400	565	3	±5	0.35~1.5	0.2~3	200	72	100	-40~125

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集成隔离电源的隔离采样放大器

OPN	Package	Rating	Type	Isolated Power utput Voltage (V)	Input Side LDO Output Voltage (V)	Linear Differential Input Full Scale Voltage (mV)	Bandwidth (typ) (kHz)	VIORM (Vpeak)	VISO (rms) (V)	Input Offset Error (Max) (mV)	Input Offset Error Drift (Max) (μV/°C)	Gain	Gain Error Drift (Max) (ppm/°C)	Isolated Comparator Integrated	Output Type
NSI3600D-DSWR	SOW16	Industrial	Current Sensing	3.1~4.6	3.0~3.4	±250	350	2121	5000	0.2	3	8.2	50	No	Differential
NSI3600D-Q1SWR	SOW16	Automotive	Current Sensing	3.1~4.6	3.0~3.4	±250	350	2121		0.2	3	8.2	50	No	Differential
NSI3602D-DSWR	SOW16	Industrial	Current Sensing	3.1~4.6 (Typ. 3.5)	3.0~3.4 (Typ. 3.2)	±50	350	2121	5000	±0.05	±0.6	41	±50	No	Differential
NSI3602D-Q1SWR	SOW16	Automotive	Current Sensing	3.1~4.6 (Typ. 3.5)	3.0~3.4 (Typ. 3.2)	±50	350	2121		±0.05	±0.6	41	±50	No	Differential
NSI3611D-DSWR	SOW16	Industrial	Voltage Sensing	3.5 (Typ)	3.2 (Typ)	0~2000	350	2121	5000	±1.2	±15	1	±45	No	Differential
NSI3611D-Q1SWR	SOW16	Automotive	Voltage Sensing	3.5 (Typ)	3.2 (Typ)	0~2000	350	2121	5000	±1.2	±15	1	±45	No	Differential
NSI3612D-DSWR	SOW16	Industrial	Voltage Sensing	3.1~4.6 (Typ. 3.5)	3.0~3.4	±1000	340	2121	5000	±0.5	±10	2	±45	No	Differential
NSI3612D-Q1SWR	SOW16	Automotive	Voltage Sensing	3.1~4.6 (Typ. 3.5)	3.0~3.4	±1000	340	2121	5000	±0.5	±10	2	±45	No	Differential
NSI36C00R-DSWR	SOW16	Industrial	Current Sensing	3.1~4.6 (Typ. 3.5)	3.0~3.4 (Typ. 3.2)	±250	340	2121	5000	±0.2	±3.5	VREF/0.64	±50	Yes	Single -Ended
NSI36C00R-Q1SWR	SOW16	Automotive	Current Sensing	3.1~4.6 (Typ. 3.5)	3.0~3.4 (Typ. 3.2)	±250	340	2121	5000	±0.2	±3.5	VREF/0.64	±50	Yes	Single -Ended
NSI36C11R-DSWR	SOW16	Industrial	Voltage Sensing	3.1~4.6 (Typ. 3.5)	3.0~3.4 (Typ. 3.2)	0~2000	340	2121	5000	±1.2	±20	VREF/2.56	±45	Yes	Single -Ended
NSI36C11R-Q1SWR	SOW16	Automotive	Voltage Sensing	3.1~4.6 (Typ. 3.5)	3.0~3.4 (Typ. 3.2)	0~2000	340	2121	5000	±1.2	±20	VREF/2.56	±45	Yes	Single -Ended
NSI36C12R-DSWR	SOW16	Industrial	Voltage Sensing	3.1~4.6 (Typ. 3.5)	3.0~3.4 (Typ. 3.2)	±1000	340	2121	5000	±0.5	±10	VREF/2.56	±45	Yes	Single -Ended

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OPN	Package	Rating	Type	Isolated Power utput Voltage (V)	Input Side LDO Output Voltage (V)	Linear Differential Input Full Scale Voltage (mV)	Bandwidth (typ) (kHz)	VIORM (Vpeak)	VISO (rms) (V)	Input Offset Error (Max) (mV)	Input Offset Error Drift (Max) (μV/°C)	Gain	Gain Error Drift (Max) (ppm/°C)	Isolated Comparator Integrated	Output Type
NSI36C12R-Q1SWR	SOW16	SOW16	Voltage Sensing	3.1~4.6 (Typ. 3.5)	3.0~3.4 (Typ. 3.2)	±1000	340	2121	5000	±0.5	±10	VREF/2.56	±45	Yes	Single -Ended

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变压器驱动器

OPN	MSL	Package	Rating	Iout (typ) (A)	Vin (min) (V)	Vin (max) (V)	Operating Frequency (kHz)	Soft Start	Temperature Range (°C)	Descriptions
NSIP3266-DHMSR	MSL1	HMSOP8	Industrial	0.5	6.5	26	100~1000	Y	-40~125	N/A
NSIP3266-Q1HMSR	MSL2	HMSOP8	Automotive	0.5	6.5	26	100~1000	Y	-40~125	N/A
NSIP3266E-DHMSR	MSL2	HMSOP8	Industrial	0.5	6.5	26	100~1000	Y	-40~125	EMC Optimized
NSIP3266E-Q1HMSR	MSL2	HMSOP8	Automotive	0.5	6.5	26	100~1000	Y	-40~125	EMC Optimized
NSIP6051-DSTAR	MSL1	SOT23-5	Industrial	0.35	2.25	5.5	425	N	-40~125	N/A
NSIP6051-Q1STAR	MSL1	SOT23-5	Automotive	0.35	2.25	5.5	425	N	-40~125	N/A
NSIP6055A-DSTCR	MSL1	SOT23-6L	Industrial	1.36	2.25	5.5	160	Y	-40~125	N/A
NSIP6055A-Q1STCR	MSL1	SOT23-6L	Automotive	1.36	2.25	5.5	160	Y	-40~125	N/A
NSIP6055B-DSTCR	MSL1	SOT23-6L	Industrial	1.36	2.25	5.5	420	Y	-40~125	N/A
NSIP6055B-Q1STCR	MSL1	SOT23-6L	Automotive	1.36	2.25	5.5	420	Y	-40~125	N/A

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集成隔离电源的数字隔离器

OPN	MSL	Package	Rating	Channels	Supply Voltage (V)	Output Voltage (V)	Max Output Current (mA)	Features	Forward/Reverse Channels	Max Data Rate (Mbps)	CMTI (kV/μs)	Isolation Rating @VDE 0884-17	Isolation Voltage (kV)	Surge Test Voltage (kV)	Temperature Range (°C)
NIRSP31-DLARR	MSL3	LGA18	Industrial	3	4.5~5.5	3.3/5	80	Enable pin, I/O logic level adjustable	2/1	20	50	Function isolation	3	N/A	-40~125
NIRSP31E-DLARR	MSL3	LGA18	Industrial	3	3~5.25	3.3/5	80	Enable pin, I/O logic level adjustable	2/1	20	50	Function isolation	3	N/A	-40~125
NIRSP31V-DLARR	MSL3	LGA18	Industrial	3	3~5.5	3.3/5	80	Enable pin, I/O logic level adjustable	2/1	20	50	Function isolation	3	N/A	-40~125
NSIP8841W1-DSWR	MSL3	SOW16	Industrial	4	3~5.5	3.3/5	100	I/O logic level adjustable	3/1	150	150	Basic isolation	5	7	-40~125
NSIP8842W0-DSWR	MSL3	SOW16	Industrial	4	3~5.5	3.3/5	100	I/O logic level adjustable	2/2	150	150	Basic isolation	5	7	-40~125
NSIP8842W1-DSWR	MSL3	SOW16	Industrial	4	3~5.5	3.3/5	100	I/O logic level adjustable	2/2	150	150	Basic isolation	5	7	-40~125
NSIP8844W1-DSWR	MSL3	SOW16	Industrial	4	3~5.5	3.3/5	100	I/O logic level adjustable	0/4	150	150	Basic isolation	5	7	-40~125
NSIP8940W0-DSWR	MSL3	SOW16	Industrial	4	3~5.5	3.3/5	100	PDIS	4/0	150	150	Basic isolation	5	7	-40~125
NSIP8941W0-DSWR	MSL3	SOW16	Industrial	4	3~5.5	3.3/5	100	PDIS	3/1	150	150	Basic isolation	5	7	-40~125
NSIP8941W1-DSWR	MSL3	SOW16	Industrial	4	3~5.5	3.3/5	100	PDIS	3/1	150	150	Basic isolation	5	7	-40~125
NSIP8942W1-DSWR	MSL3	SOW16	Industrial	4	3~5.5	3.3/5	100	PDIS	2/2	150	150	Basic isolation	5	7	-40~125

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OPN	MSL	Package	Rating	Channels	Supply Voltage (V)	Output Voltage (V)	Max Output Current (mA)	Features	Forward/Reverse Channels	Max Data Rate (Mbps)	CMTI (kV/μs)	Isolation Rating @VDE 0884-17	Isolation Voltage (kV)	Surge Test Voltage (kV)	Temperature Range (°C)
NSIP8944W0-DSWR	MSL3	SOW16	Industrial	4	3~5.5	3.3/5	100	PDIS	0/4	150	150	Basic isolation	5	7	-40~125
NSIP8944W1-DSWR	MSL3	SOW16	Industrial	4	3~5.5	3.3/5	100	PDIS	0/4	150	150	Basic isolation	5	7	-40~125
NSIP9540W0-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	N/A	4/0	150	150	Reinforced isolation	5	10	-40~125
NSIP9540W0-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	N/A	4/0	150	150	Reinforced isolation	5	10	-40~125
NSIP9540W1-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	N/A	4/0	150	150	Reinforced isolation	5	10	-40~125
NSIP9540W1-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	N/A	4/0	150	150	Reinforced isolation	5	10	-40~125
NSIP9541W0-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	N/A	3/1	150	150	Reinforced isolation	5	10	-40~125
NSIP9541W0-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	N/A	3/1	150	150	Reinforced isolation	5	10	-40~125
NSIP9541W1-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	N/A	3/1	150	150	Reinforced isolation	5	10	-40~125
NSIP9541W1-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	N/A	3/1	150	150	Reinforced isolation	5	10	-40~125
NSIP9542W0-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	N/A	2/2	150	150	Reinforced isolation	5	10	-40~125
NSIP9542W0-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	N/A	2/2	150	150	Reinforced isolation	5	10	-40~125

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集成隔离电源的数字隔离器

OPN	MSL	Package	Rating	Channels	Supply Voltage (V)	Output Voltage (V)	Max Output Current (mA)	Features	Forward/Reverse Channels	Max Data Rate (Mbps)	CMTI (kV/μs)	Isolation Rating @VDE 0884-17	Isolation Voltage (kV)	Surge Test Voltage (kV)	Temperature Range (°C)
NSIP9542W1-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	N/A	2/2	150	150	Reinforced isolation	5	10	-40~125
NSIP9542W1-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	N/A	2/2	150	150	Reinforced isolation	5	10	-40~125
NSIP9543W0-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	N/A	1/3	150	150	Reinforced isolation	5	10	-40~125
NSIP9543W0-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	N/A	1/3	150	150	Reinforced isolation	5	10	-40~125
NSIP9543W1-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	N/A	1/3	150	150	Reinforced isolation	5	10	-40~125
NSIP9543W1-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	N/A	1/3	150	150	Reinforced isolation	5	10	-40~125
NSIP9544W0-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	N/A	0/4	150	150	Reinforced isolation	5	10	-40~125
NSIP9544W0-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	N/A	0/4	150	150	Reinforced isolation	5	10	-40~125
NSIP9544W1-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	N/A	0/4	150	150	Reinforced isolation	5	10	-40~125
NSIP9544W1-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	N/A	0/4	150	150	Reinforced isolation	5	10	-40~125
NSIP9840W0-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	I/O logic level adjustable	4/0	150	150	Reinforced isolation	5	10	-40~125
NSIP9840W0-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	I/O logic level adjustable	4/0	150	150	Reinforced isolation	5	10	-40~125

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集成隔离电源的数字隔离器

OPN	MSL	Package	Rating	Channels	Supply Voltage (V)	Output Voltage (V)	Max Output Current (mA)	Features	Forward/Reverse Channels	Max Data Rate (Mbps)	CMTI (kV/μs)	Isolation Rating @VDE 0884-17	Isolation Voltage (kV)	Surge Test Voltage (kV)	Temperature Range (°C)
NSIP9840W1-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	I/O logic level adjustable	4/0	150	150	Reinforced isolation	5	10	-40~125
NSIP9840W1-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	I/O logic level adjustable	4/0	150	150	Reinforced isolation	5	10	-40~125
NSIP9841W0-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	I/O logic level adjustable	3/1	150	150	Reinforced isolation	5	10	-40~125
NSIP9841W0-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	I/O logic level adjustable	3/1	150	150	Reinforced isolation	5	10	-40~125
NSIP9841W1-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	I/O logic level adjustable	3/1	150	150	Reinforced isolation	5	10	-40~125
NSIP9841W1-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	I/O logic level adjustable	3/1	150	150	Reinforced isolation	5	10	-40~125
NSIP9842W0-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	I/O logic level adjustable	2/2	150	150	Reinforced isolation	5	10	-40~125
NSIP9842W0-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	I/O logic level adjustable	2/2	150	150	Reinforced isolation	5	10	-40~125
NSIP9842W1-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	I/O logic level adjustable	2/2	150	150	Reinforced isolation	5	10	-40~125
NSIP9842W1-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	I/O logic level adjustable	2/2	150	150	Reinforced isolation	5	10	-40~125
NSIP9843W0-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	I/O logic level adjustable	1/3	150	150	Reinforced isolation	5	10	-40~125
NSIP9843W0-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	I/O logic level adjustable	1/3	150	150	Reinforced isolation	5	10	-40~125

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集成隔离电源的数字隔离器

OPN	MSL	Package	Rating	Channels	Supply Voltage (V)	Output Voltage (V)	Max Output Current (mA)	Features	Forward/Reverse Channels	Max Data Rate (Mbps)	CMTI (kV/μs)	Isolation Rating @VDE 0884-17	Isolation Voltage (kV)	Surge Test Voltage (kV)	Temperature Range (°C)
NSIP9843W1-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	I/O logic level adjustable	1/3	150	150	Reinforced isolation	5	10	-40~125
NSIP9843W1-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	I/O logic level adjustable	1/3	150	150	Reinforced isolation	5	10	-40~125
NSIP9844W0-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	I/O logic level adjustable	0/4	150	150	Reinforced isolation	5	10	-40~125
NSIP9844W0-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	I/O logic level adjustable	0/4	150	150	Reinforced isolation	5	10	-40~125
NSIP9844W1-DSWR	MSL3	SOW16	Industrial	4	3~5.25	3.3/5	100	I/O logic level adjustable	0/4	150	150	Reinforced isolation	5	10	-40~125
NSIP9844W1-Q1SWR	MSL3	SOW16	Automotive	4	3~5.25	3.3/5	100	I/O logic level adjustable	0/4	150	150	Reinforced isolation	5	10	-40~125

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www.novosns.com/isolated-can-tranceivers-with-iso-power

集成隔离电源的CAN收发器

OPN	MSL	Package	Rating	Max Data Rate (Mbps)	Supply Voltage (V)	I/O Voltage (V)	Features	CMTI (kV/μs)	Isolation Rating	Withstand Isolation Voltage (VISO) (kVrms)	Surge Test Voltage (kV)	Temperature Range (°C)
NSIP1042-DSWTR	MSL3	SOW20	Industrial	5	4.5~5.5	1.8~5.5	I/O logic level adjustable	±150	Basic	5	5.384	-40~105
NSIP9042-DSWR	MSL3	SOW16	Industrial	5	4.5~5.25	1.8~5.5	N/A	±150	Reinforced	5	10	-40~125
NSIP9042-DSWTR	MSL3	SOW20	Industrial	5	4.5~5.25	1.8~5.5	I/O logic level adjustable	±150	Reinforced	5	10	-40~125
NSIP9042V-DSWR	MSL3	SOW16	Industrial	5	4.5~5.25	1.8~5.5	I/O logic level adjustable	±150	Reinforced	5	10	-40~125

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集成隔离电源的RS485收发器

OPN	MSL	Package	Rating	Duplex	Max Data Rate (Mbps)	Supply Voltage (V)	I/O Voltage (V)	Features	CMTI (kV/μs)	Isolation Rating	Isolation Voltage (kV)	Surge Test Voltage (kV)	Temperature Range (°C)
NSIP83086-DSWR	MSL3	SOW16	Industrial	Full	16	3~5.5	1.8~5.5	N/A	±150	Basic	5	7	-40~105
NSIP83086-DSWTR	MSL3	SOW20	Industrial	Full	16	4.5~5.5	1.8~5.5	N/A	±150	Basic	5	7	-40~105
NSIP83086C-DSWTR	MSL3	SOW20	Industrial	Full	16	3~5.5	1.8~5.5	I/O logic level adjustable, output voltage select	±150	Basic	5	7	-40~105
NSIP83086V-DSWR	MSL3	SOW16	Industrial	Full	16	3~5.5	1.8~5.5	I/O logic level adjustable	±150	Basic	5	7	-40~105
NSIP83086V-DSWTR	MSL3	SOW20	Industrial	Full	16	3~5.5	1.8~5.5	I/O logic level adjustable	±150	Basic	5	7	-40~105
NSIP93086-DSWR	MSL3	SOW16	Industrial	Full	16	3~5.25	1.8~5.5	N/A	±150	Reinforced	5	10	-40~125
NSIP93086-DSWTR	MSL3	SOW20	Industrial	Full	16	3~5.25	1.8~5.5	N/A	±150	Reinforced	5	10	-40~125
NSIP93086C-DSWR	MSL3	SOW16	Industrial	Full	16	3~5.25	1.8~5.5	I/O logic level adjustable, output voltage select	±150	Reinforced	5	10	-40~125
NSIP93086C-DSWTR	MSL3	SOW20	Industrial	Full	16	3~5.25	1.8~5.5	I/O logic level adjustable, output voltage select	±150	Reinforced	5	10	-40~125
NSIP93086H-DSWR	MSL3	SOW16	Industrial	Half	16	3~5.25	1.8~5.5	output voltage select	±150	Reinforced	5	10	-40~125
NSIP93086HV-DSWR	MSL3	SOW16	Industrial	Half	16	3~5.25	1.8~5.5	I/O logic level adjustable, output voltage select	±150	Reinforced	5	10	-40~125

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www.novosns.com/isolated-can-transceivers

隔离式CAN收发器

OPN	MSL	Package	Rating	VDD1 (V)	VDD2 (V)	Common Mode Voltage Range (V)	Temperature Range (°C)	Max Data Rate (Mbps)	CMTI (kV/μs)	Isolation Rating	Withstand Isolation Voltage (VISO) (kVrms)	Isolation Rating
NSI1042-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	4.5~5.5	-30~+30	-40~125	5	150	Reinforced	5.7	10
NSI1042-Q1SWVR	MSL3	SOW8	Automotive	2.5~5.5	4.5~5.5	-30~+30	-40~125	5	150	Reinforced	5	10
NSI1052-Q1SWR	MSL3	SOW16	Automotive	2.5~5.5	4.5~5.5	-30~+30	-40~125	5	150	Reinforced	5.7	10
NSI1150-DDBR	MSL3	DUB8	Industrial	2.5~5.5	4.5~5.5	-30~+30	-40~125	5	150	Basic	3	7
NSI1150-DSPR	MSL3	SOP8	Industrial	2.5~5.5	4.5~5.5	-30~+30	-40~125	5	150	Basic	3	7
NSI1150-DSWR	MSL3	SOW16	Industrial	2.5~5.5	4.5~5.5	-30~+30	-40~125	5	150	Reinforced	5	10
NSI1150-DSWVR	MSL3	SOW8	Industrial	2.5~5.5	4.5~5.5	-30~+30	-40~125	5	150	Reinforced	5	10
NSI1150-DSWWAR	MSL3	SOWW8	Industrial	2.5~5.5	4.5~5.5	-30~+30	-40~125	5	150	Reinforced	7.5	12.8

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隔离式RS485收发器

OPN	MSL	Package	Rating	VDD1 (V)	VDD2 (V)	Common Mode Voltage Range (V)	Temperature Range (°C)	Max Data Rate (Mbps)	CMTI (kV/μs)	Isolation Rating	Withstand Isolation Voltage (VISO) (kVrms)	Surge Test Voltage (kV)
NSI83086C-DSWR	MSL2	SOW16	Industrial	2.5~5.5	3~5.5	-7~12	-40~125	16	150	Reinforced	5	10
NSI83086E-DSWR	MSL2	SOW16	Industrial	2.5~5.5	3~5.5	-7~12	-40~105	16	150	Reinforced	5	10
NSI84085-DSSR	MSL3	SSOP16	Industrial	2.5~5.5	3~5.5	-7~12	-40~125	8	150	Basic	3	7
NSI84085-DSWR	MSL3	SOW16	Industrial	2.5~5.5	3~5.5	-7~12	-40~125	8	150	Reinforced	5	10

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固态继电器

OPN	MSL	Package	Rating	Isolation Voltage (kV)	FET	Channels	Supply Voltage (V)	Input Forward Current (mA)	Breakdown Voltage (V)	Imax (A)	Gate Drive Voltage (V)	Temperature Range (°C)	Descriptions
NSI7117-DSWLR	MSL3	SOW12	Industrial	5	Internal	1	N/A	7-20	1700	0.05	N/A	-40~125	EMC Optimized
NSI7117-Q1SWLR	MSL3	SOW12	Automotive	5	Internal	1	N/A	7-20	1700	0.05	N/A	-40~125	EMC Optimized
NSI7258-DSWLR	MSL3	SOW12	Industrial	5	Internal	1	N/A	7-20	1700	0.05	N/A	-40~125	N/A
NSI7258-Q1SWLR	MSL3	SOW12	Automotive	5	Internal	1	N/A	7-20	1700	0.05	N/A	-40~125	N/A

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www.novosns.com/opto-emulator

光耦仿真器

OPN	MSL	Package	Rating	Input Type	Output Type	Isolation Voltage (kV)	Channels	Forward Voltage (typ) (V)	Forward Current (IF) (max) (mA)	Forward Current (IF) (min) (μA)	Max Data Rate (Mbps)	DeTemperature Range (°C)scriptions
NSI7210-DSPAR	MSL3	SOP5	Industrial	DC	CMOS	3.75	1	1.7	25	2000	15	-40~125
NSI7210-DSWWAR	MSL3	SOWW8	Industrial	DC	CMOS	7.5	1	1.7	25	2000	15	-40~125
NSI7211-DSPAR	MSL3	SOP5	Industrial	DC	Open Drian	3.75	1	1.7	25	2000	15	-40~125
NSI7211-DSPR	MSL3	SOP8	Industrial	DC	Open Drian	3.75	1	1.7	25	2000	15	-40~125
NSI7211-DSWWAR	MSL3	SOWW8	Industrial	DC	Open Drian	7.5	1	1.7	25	2000	15	-40~125
NSI7221-DSPR	MSL3	SOP8	Industrial	DC	Open Drian	3.75	2	1.7	25	2000	15	-40~125

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www.novosns.com/serdes

车载视频接口（SerDes）

OPN	Package	Rating	Protocol	Interface Protocol	Function	Number of Input Channels	Number of Output Channels	Serial Video Bandwidth (per port) (max) (Gbps)	Temperature Range (°C)	Functianal Safety
NLS9113-Q2QADR	TQFN32	Automotive	HSMT	MIPI CSI-2	Serializer	1	1	3.2	-40 to 105	ASIL B
NLS9116-Q2QADR	TQFN32	Automotive	HSMT	MIPI CSI-2	Serializer	1	1	6.4	-40 to 105	ASIL B
NLS9243-Q2QACR	TQFN64	Automotive	HSMT	MIPI CSI-2	Deserializer	4	1	3.2	-40 to 105	ASIL B
NLS9246-Q2QACR	TQFN64	Automotive	HSMT	MIPI CSI-2	Deserializer	4	1	6.4	-40 to 105	ASIL B

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CAN收发器

OPN	MSL	Package	Rating	Supply Voltage (V)	VBAT Voltage (V)	VIO Voltage (V)	Common Mode Voltage Range (V)	Bus Fault Protection Voltage (V)	Low Power Mode	Temperature Range (°C)	Max Data Rate (Mbps)
NCA1042C-DSPR	MSL3	SOP8	Industrial	4.5~5.5	N/A	1.7~5.5	-12~12	±70	Standby Mode	-40~125	5
NCA1042C-DSPRH	MSL3	SOP8	Industrial	4.5~5.5	N/A	1.7~5.5	-12~12	±70	Standby Mode	-40~125	5
NCA1042CN-DSPR	MSL3	SOP8	Industrial	4.5~5.5	N/A	N/A	-12~12	±70	Standby Mode	-40~125	5
NCA1042CN-DSPRH	MSL3	SOP8	Industrial	4.5~5.5	N/A	N/A	-12~12	±70	Standby Mode	-40~125	5
NCA1043B-Q1DNKR	MSL2	DFN14	Automotive	4.5~5.5	4.5~40	2.8~5.5	-30~30	±58	Standby Mode, Sleep Mode	-40~125	5
NCA1043B-Q1DNKRH	MSL2	DFN14	Automotive	4.5~5.5	4.5~40	2.8~5.5	-30~30	±58	Standby Mode, Sleep Mode	-40~125	5
NCA1043B-Q1SPKR	MSL3	SOP14	Automotive	4.5~5.5	4.5~40	2.8~5.5	-30~30	±58	Standby Mode, Sleep Mode	-40~125	5
NCA1043B-Q1SPKRH	MSL3	SOP14	Automotive	4.5~5.5	4.5~40	2.8~5.5	-30~30	±58	Standby Mode, Sleep Mode	-40~125	5
NCA1043D-Q1DNKR	MSL2	DFN14	Automotive	4.5~5.5	4.5~28	1.7~5.5	-30~30	±40	Standby Mode, Sleep Mode	-40~125	5
NCA1043D-Q1SPKR	MSL3	SOP14	Automotive	4.5~5.5	4.5~28	1.7~5.5	-30~30	±40	Standby Mode, Sleep Mode	-40~125	5
NCA1044-Q1DNR	MSL2	DFN8	Automotive	4.5~5.5	N/A	1.7~5.5	-12~12	±58	Standby Mode	-40~125	5
NCA1044-Q1DNRH	MSL2	DFN8	Automotive	4.5~5.5	N/A	1.7~5.5	-12~12	±58	Standby Mode	-40~125	5
NCA1044-Q1SPR	MSL2	SOP8	Automotive	4.5~5.5	N/A	1.7~5.5	-12~12	±58	Standby Mode	-40~125	5
NCA1044-Q1SPRH	MSL3	SOP8	Automotive	4.5~5.5	N/A	1.7~5.5	-12~12	±58	Standby Mode	-40~125	5
NCA1044N-Q1DNR	MSL2	DFN8	Automotive	4.5~5.5	N/A	N/A	-12~12	±58	Standby Mode	-40~125	5
NCA1044N-Q1SPR	MSL3	SOP8	Automotive	4.5~5.5	N/A	N/A	-12~12	±58	Standby Mode	-40~125	5

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CAN收发器

OPN	MSL	Package	Rating	Supply Voltage (V)	VBAT Voltage (V)	VIO Voltage (V)	Common Mode Voltage Range (V)	Bus Fault Protection Voltage (V)	Low Power Mode	Temperature Range (°C)	Max Data Rate (Mbps)
NCA1051C-DSPR	MSL3	SOP8	Industrial	4.5~5.5	N/A	1.7~5.5	-12~12	±70	Silent Mode	-40~125	5
NCA1051C-DSPRH	MSL3	SOP8	Industrial	4.5~5.5	N/A	1.7~5.5	-12~12	±70	Silent Mode	-40~125	5
NCA1051CN-DSPR	MSL3	SOP8	Industrial	4.5~5.5	N/A	N/A	-12~12	±70	Silent Mode	-40~125	5
NCA1051CN-DSPRH	MSL3	SOP8	Industrial	4.5~5.5	N/A	N/A	-12~12	±70	Silent Mode	-40~125	5
NCA1057-Q1DNR	MSL2	DFN8	Automotive	4.5~5.5	N/A	1.7~5.5	-12~12	±58	Silent Mode	-40~125	5
NCA1057-Q1DNRH	MSL2	DFN8	Automotive	4.5~5.5	N/A	1.7~5.5	-12~12	±58	Silent Mode	-40~125	5
NCA1057-Q1SPR	MSL3	SOP8	Automotive	4.5~5.5	N/A	1.7~5.5	-12~12	±58	Silent Mode	-40~125	5
NCA1057-Q1SPRH	MSL3	SOP8	Automotive	4.5~5.5	N/A	1.7~5.5	-12~12	±58	Silent Mode	-40~125	5
NCA1057N-Q1DNR	MSL2	DFN8	Automotive	4.5~5.5	N/A	N/A	-12~12	±58	Silent Mode	-40~125	5
NCA1057N-Q1DNRH	MSL2	DFN8	Automotive	4.5~5.5	N/A	N/A	-12~12	±58	Silent Mode	-40~125	5
NCA1057N-Q1SPR	MSL3	SOP8	Automotive	4.5~5.5	N/A	N/A	-12~12	±58	Silent Mode	-40~125	5
NCA1057N-Q1SPRH	MSL3	SOP8	Automotive	4.5~5.5	N/A	N/A	-12~12	±58	Silent Mode	-40~125	5
NCA1145B-Q1DNKR	MSL2	DFN14	Automotive	4.5~5.5	4.5~40	1.7~5.5	-12~12	±58	Standby Mode, Sleep Mode	-40~125	5
NCA1145B-Q1DNKRH	MSL2	DFN14	Automotive	4.5~5.5	4.5~40	1.7~5.5	-12~12	±58	Standby Mode, Sleep Mode	-40~125	5
NCA1145B-Q1SPKR	MSL2	SOP14	Automotive	4.5~5.5	4.5~40	1.7~5.5	-12~12	±58	Standby Mode, Sleep Mode	-40~125	5
NCA1145B-Q1SPKRH	MSL2	SOP14	Automotive	4.5~5.5	4.5~40	1.7~5.5	-12~12	±58	Standby Mode, Sleep Mode	-40~125	5

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CAN收发器

OPN	MSL	Package	Rating	Supply Voltage (V)	VBAT Voltage (V)	VIO Voltage (V)	Common Mode Voltage Range (V)	Bus Fault Protection Voltage (V)	Low Power Mode	Temperature Range (°C)	Max Data Rate (Mbps)
NCA1462-Q1DNR	MSL2	DFN8	Automotive	4.5~5.5	N/A	1.7~5.5	-12~12	±58	Standby Mode	-40~125	8
NCA1462-Q1DNRH	MSL2	DFN8	Automotive	4.5~5.5	N/A	1.7~5.5	-12~12	±58	Standby Mode	-40~125	8
NCA1462-Q1SPR	MSL3	SOP8	Automotive	4.5~5.5	N/A	1.7~5.5	-12~12	±58	Standby Mode	-40~125	8
NCA1462-Q1SPRH	MSL3	SOP8	Automotive	4.5~5.5	N/A	1.7~5.5	-12~12	±58	Standby Mode	-40~125	8
NCA1462N-Q1DNR	MSL2	DFN8	Automotive	4.5~5.5	N/A	N/A	-12~12	±58	Standby Mode	-40~125	8
NCA1462N-Q1DNRH	MSL2	DFN8	Automotive	4.5~5.5	N/A	N/A	-12~12	±58	Standby Mode	-40~125	8
NCA1462N-Q1SPR	MSL3	SOP8	Automotive	4.5~5.5	N/A	N/A	-12~12	±58	Standby Mode	-40~125	8
NCA1462N-Q1SPRH	MSL3	SOP8	Automotive	4.5~5.5	N/A	N/A	-12~12	±58	Standby Mode	-40~125	8
NCA1463-Q1DNKR	MSL2	DFN14	Automotive	4.5~5.5	4.5~28	1.7~5.5	-30~30	±40	Standby Mode, Sleep Mode	-40~125	8
NCA1463-Q1SPKR	MSL3	SOP14	Automotive	4.5~5.5	4.5~28	1.7~5.5	-30~30	±40	Standby Mode, Sleep Mode	-40~125	8

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LIN收发器

OPN	MSL	Package	Rating	VBAT (V)	Bus Fault Protection Voltage (V)	Wake-up Mode	Temperature Range (°C)	Max Data Rate (Kbps)
NCA1021A-Q1DNR	MSL2	DFN8	Automotive	4.5~36	±40	LIN remote, WAKE local	-40~125	20
NCA1021A-Q1SPR	MSL3	SOP8	Automotive	4.5~36	±40	LIN remote, WAKE local	-40~125	20
NCA1021S-Q1DNR	MSL1	DFN8	Automotive	5.5~27	±40	LIN remote, WAKE local	-40~125	20
NCA1021S-Q1SPR	MSL1	SOP8	Automotive	5.5~27	±40	LIN remote, WAKE local	-40~125	20

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www.novosns.com/lvds-interface

LVDS接口

OPN	MSL	Package	Rating	Supply Voltage (V)	Common Mode Voltage Range (V)	Max Data Rate (Mbps)	Function	Channels	Temperature Range (°C)
NLA9502-DTSPR	MSL1	TSSOP16	Industrial	3~3.6	0.1~2.3	200	Receiver	4	-40~85

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www.novosns.com/mlvds-interface

MLVDS接口

OPN	MSL	Package	Rating	Supply Voltage (V)	Common Mode Voltage Range (V)	Max Data Rate (Mbps)	Duplex	RX Type	Temperature Range (°C)
NLC5301-DSPR	MSL1	SOP8	Industrial	3~3.6	-1~3.4	100	Half Duplex	Type 1	-40~105
NLC5302-DSPR	MSL1	SOP8	Industrial	3~3.6	-1~3.4	100	Half Duplex	Type 2	-40~105
NLC5303-DSPR	MSL1	SOP8	Industrial	3~3.6	-1~3.4	200	Half Duplex	Type 1	-40~105
NLC5304-DSPR	MSL1	SOP8	Industrial	3~3.6	-1~3.4	200	Half Duplex	Type 2	-40~105

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RS485收发器

OPN	MSL	Package	Rating	Supply Voltage (V)	Duplex	Common Mode Voltage Range (V)	Bus Pins ESD (kV)	Max Data Rate (Mbps)	Temperature Range (°C)
NCA3176-DMSR	MSL3	MSOP8	Industrial	3~5.5	Half-Duplex	-7~12	HBM: 20kV	20	-40~125
NCA3176-DSPR	MSL3	SOP8	Industrial	3~5.5	Half-Duplex	-7~12	HBM: 20kV	20	-40~125
NCA3492-DSPKR	MSL3	SOP14	Industrial	3~5.5	Full-Duplex	-7~12	HBM: 20kV	20	-40~125

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https://www.novosns.com/i2c-gpio-expanders

I2C GPIO拓展

OPN	MSL	Package	Rating	Number of I/Os	Address Pins	Supply Voltage (V)	Max Clock Frequency (kHz)	INT	RESET	Temperature Range (°C)
NCA9534B-DSWR	MSL2	SOW16	Industrial	8	3	1.65~5.5	400	YES	NO	-40~125
NCA9534B-DTSPR	MSL1	TSSOP16	Industrial	8	3	1.65~5.5	400	YES	NO	-40~125
NCA9539-Q1TSXR	MSL1	TSSOP24	Automotive	16	2	1.65~5.5	400	YES	YES	-40~125
NCA9539C-Q1TSXR	MSL3	TSSOP24	Automotive	16	2	1.65~5.5	400	YES	YES	-40~125
NCA9555	MSL1	TSSOP24	Industrial	16	3	2.3~5.5	400	YES	NO	-40~85
NCA9555B-DQNXR	MSL3	QFN24	Industrial	16	3	1.65~5.5	400	YES	NO	-40~125
NCA9555B-DTSXR	MSL1	TSSOP24	Industrial	16	3	1.65~5.5	400	YES	NO	-40~125
NCA9555C-DTSXR	MSL3	TSSOP24	Industrial	16	3	1.65~5.5	400	YES	NO	-40~125

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https://www.novosns.com/i2c-level-shifters

I2C电平转换

OPN	MSL	Package	Rating	I2C Channels	VREF1 (V)	VREF2 (V)	Max Clock Frequency (kHz)	EN	Temperature Range (°C)
NCA9306-DTSHR	MSL1	TSSOP8	Industrial	1	1.2~3.3	1.8~5.5	400	YES	-40~85
NCA9306-DVSR	MSL1	VSSOP8	Industrial	1	1.2~3.3	1.8~5.5	400	YES	-40~85

扫码查看料号详情
https://www.novosns.com/i2c-buffers

I2C缓冲器

OPN	MSL	Package	Rating	I2C Channels	VCCA (V)	VCCB (V)	Max Clock Frequency (kHz)	EN	Temperature Range (°C)
NCA9617A-DMSR	MSL3	MSOP8	Industrial	1	0.8~5.5	2.2~5.5	1000	YES	-40~105

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https://www.novosns.com/i2c-switches

I2C切换开关

OPN	MSL	Package	Rating	I2C Channels	Address Pins	Supply Voltage (V)	Max Clock Frequency (kHz)	INT	RESET	Temperature Range (°C)
NCA9544-DQNTR	MSL3	QFN20	Industrial	4	3	1.65~5.5	400	YES	NO	-40~105
NCA9545-DTSR	MSL1	TSSOP20	Industrial	4	2	1.65~5.5	400	YES	YES	-40~105
NCA9546-DQNPR	MSL3	QFN16	Industrial	4	3	1.7~5.5	400	NO	YES	-40~105
NCA9546-DSPNR	MSL3	SOP16	Industrial	4	3	1.7~5.5	400	NO	YES	-40~105
NCA9546-DTSPR	MSL2	TSSOP16	Industrial	4	3	1.7~5.5	400	NO	YES	-40~105
NCA9548-DTSXR	MSL2	TSSOP24	Industrial	8	3	1.65~5.5	400	NO	YES	-40~105

扫码查看料号详情
https://www.novosns.com/hot-swappable-i2c-buffers

I2C热插拔

OPN	MSL	Package	Rating	I2C Channels	Supply Voltage (V)	Max Clock Frequency (kHz)	EN	READY	Temperature Range (°C)
NCA9511-DMSR	MSL3	MSOP8	Industrial	1	2.7~5.5	400	YES	YES	-40~105
NCA9511-DSPR	MSL3	SOP8	Industrial	1	2.7~5.5	400	YES	YES	-40~105

扫码查看料号详情
https://www.novosns.com/i3c-spd-hub

I3C串行检测集线器（SPD Hub）

OPN	MSL	Package	Rating	Protocols	Frequency (max) (MHz)	VDDSPD (min) (V)	VDDSPD (typ) (V)	VDDSPD (max) (V)	VDDIO (min) (V)	VDDIO (typ) (V)	VDDIO (max) (V)
NCA95118-DDAKR	MSL3	DFN8	Industrial	I2C/I3C	12.5	1.7	1.8	1.98	0.95	1	1.05
NCA95118A-DDAKR	MSL3	DFN8	Industrial	I2C/I3C	12.5	1.7	1.8	1.98	0.95	1	1.05

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www.novosns.com/level-shifters

电平转换器

OPN	MSL	Package	Rating	Channels	VCCA (V)	VCCB (V)	Max Clock Frequency (Mbps)	OE	Open Drain	Push Pull	Temperature Range (°C)
NCAB0104-DQBDR	MSL3	UQFN12	Industrial	4	1.1~3.6	1.65~5.5	100 (push pull)	YES	NO	YES	YES
NCAB0104-Q1QBCR	MSL3	VQFN14	Automotive	4	1.1~3.6	1.65~5.5	100 (push pull)	YES	NO	YES	YES
NCAB0104-Q1QBDR	MSL3	UQFN12	Automotive	4	1.1~3.6	1.65~5.5	100 (push pull)	YES	NO	YES	YES
NCAB0104-Q1QDDR	MSL3	WQFN14	Automotive	4	1.1~3.6	1.65~5.5	100 (push pull)	YES	NO	YES	YES
NCAB0104-Q1TSKR	MSL3	TSSOP14	Automotive	4	1.1~3.6	1.65~5.5	100 (push pull)	YES	NO	YES	YES
NCAS0104-Q1QBCR	MSL3	VQFN14	Automotive	4	1.1~3.6	1.65~5.5	24 (push pull), 2(open drain)	YES	YES	YES	YES
NCAS0104-Q1TSKR	MSL3	TSSOP14	Automotive	4	1.1~3.6	1.65~5.5	24 (push pull), 2(open drain)	YES	YES	YES	YES

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www.novosns.com/three-state-buffers

三态输出缓冲器

OPN	MSL	Package	Rating	Supply Voltage (V)	Channels	Forward/Reverse Channels	Input Type	Output Type	Max Load Current (mA)	Temperature Range (°C)
NCA8240-DTSTR	MSL1	TSSOP20	Industrial	3V~6V	8	4/4	TTL	Push-pull	32 (4.5V~6V)	-40~125
NCA8244-DTSTR	MSL1	TSSOP20	Industrial	4.5V~5.5V	8	4/4	TTL	Push-pull	24	-40~125
NCA8244-Q1TSTR	MSL1	TSSOP20	Automotive	4.5V~5.5V	8	4/4	CMOS	Push-pull	24	-40~125
NCA8244L-DTSTR	MSL1	TSSOP20	Industrial	1.65V~3.6V	8	4/4	CMOS/TTL	Push-pull	24	-40~125
NCA8245-DTSTR	MSL1	TSSOP20	Industrial	4.5V~5.5V	8	8/8	TTL	Push-pull	24	-40~125
NCA8245-Q1TSTR	MSL1	TSSOP20	Automotive	4.5V~5.5V	8	8/8	TTL	Push-pull	24	-40~125
NCA8245L-DTSTR	MSL1	TSSOP20	Industrial	1.65V~3.6V	8	8/8	CMOS/TTL	Push-pull	24	-40~125
NCA84245-DTSXR	MSL1	TSSOP24	Industrial	4.5V~5.5V	8	8/0	TTL	Push-pull	24	-40~125
NCA84245-Q1TSXR	MSL1	TSSOP24	Automotive	4.5V~5.5V	8	8/0	TTL	Push-pull	24	-40~125
NCA8541-DTSTR	MSL1	TSSOP20	Industrial	4.5V~5.5V	8	8/0	TTL	Push-pull	24	-40~125
NCA8541-Q1TSTR	MSL1	TSSOP20	Automotive	4.5V~5.5V	8	8/0	TTL	Push-pull	24	-40~125
NCA8T245-DTSXR	MSL1	TSSOP24	Industrial	1.65V~5.5V	8	8/8	CMOS/TTL	Push-pull	32 (4.5V~5.5V)	-40~125
NCA8T245-Q1TSXR	MSL1	TSSOP24	Automotive	1.65V~5.5V	8	8/8	CMOS/TTL	Push-pull	32 (4.5V~5.5V)	-40~125

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www.novosns.com/low-voltage-comparators

低压比较器

OPN	Package	Rating	Number of channels	Output type	Propagation delay time (μs)	Operating Voltage(V)	Iq per channel (typ) (mA)	Vos (offset voltage at 25°C) (max) (mV)	Rail-to-rail
NSCMP3021-DSCCR	SC70-5	Industrial	1	Push-Pull	0.03	2~5	0.073	2.2	In
NSCMP3021-DSTAR	SOT23-5L	Industrial	1	Push-Pull	0.03	2~5	0.073	2.2	In
NSCMP3021-Q1SCAR	SC70-5	Automotive	1	Push-Pull	0.03	2~5	0.073	2.2	In
NSCMP3021-Q1STAR	SOT23-5L	Automotive	1	Push-Pull	0.03	2~5	0.073	2.2	In

扫码查看料号详情
www.novosns.com/series-voltage-references

串联电压基准

OPN	Package	Rating	Operating Voltage	Operating Temperature	Output Voltage	Initial Accuracy	Drift (Max.)	Noise (uVpp)
NSREF3012-DSTR	SOT23-3L	Industrial	1.8V~5.5V	-40℃~125℃	1.2V	0.20%	35	9
NSREF3012-Q1STR	SOT23-3L	Automotive	1.8V~5.5V	-40℃~125℃	1.2V	0.20%	35	9
NSREF3020-DSTR	SOT23-3L	Industrial	1.8V~5.5V	-40℃~125℃	2.0V	0.20%	35	19
NSREF3020-Q1STR	SOT23-3L	Automotive	1.8V~5.5V	-40℃~125℃	2.0V	0.20%	35	19
NSREF3025-DSTR	SOT23-3L	Industrial	1.8V~5.5V	-40℃~125℃	2.5V	0.20%	35	22
NSREF3025-Q1STR	SOT23-3L	Automotive	1.8V~5.5V	-40℃~125℃	2.5V	0.20%	35	22
NSREF3030-DSTR	SOT23-3L	Industrial	1.8V~5.5V	-40℃~125℃	3.0V	0.20%	35	28
NSREF3030-Q1STR	SOT23-3L	Automotive	1.8V~5.5V	-40℃~125℃	3.0V	0.20%	35	28
NSREF3033-DSTR	SOT23-3L	Industrial	1.8V~5.5V	-40℃~125℃	3.3V	0.20%	35	30
NSREF3033-Q1STR	SOT23-3L	Automotive	1.8V~5.5V	-40℃~125℃	3.3V	0.20%	35	30
NSREF3040-DSTR	SOT23-3L	Industrial	1.8V~5.5V	-40℃~125℃	4.0V	0.20%	35	33
NSREF3040-Q1STR	SOT23-3L	Automotive	1.8V~5.5V	-40℃~125℃	4.0V	0.20%	35	33
NSREF3112-DSTR	SOT23-3L	Industrial	1.8V~5.5V	-40℃~125℃	1.2V	0.20%	15	9
NSREF3112-Q1STR	SOT23-3L	Automotive	1.8V~5.5V	-40℃~125℃	1.2V	0.20%	15	9
NSREF3120-DSTR	SOT23-3L	Industrial	1.8V~5.5V	-40℃~125℃	2.0V	0.20%	15	19
NSREF3120-Q1STR	SOT23-3L	Automotive	1.8V~5.5V	-40℃~125℃	2.0V	0.20%	15	19

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串联电压基准

OPN	Package	Rating	Operating Voltage	Operating Temperature	Output Voltage	Initial Accuracy	Drift (Max.)	Noise (uVpp)
NSREF3125-DSTR	SOT23-3L	Industrial	1.8V~5.5V	-40℃~125℃	2.5V	0.20%	15	22
NSREF3125-Q1STR	SOT23-3L	Automotive	1.8V~5.5V	-40℃~125℃	2.5V	0.20%	15	22
NSREF3130-DSTR	SOT23-3L	Industrial	1.8V~5.5V	-40℃~125℃	3.0V	0.20%	15	28
NSREF3130-Q1STR	SOT23-3L	Automotive	1.8V~5.5V	-40℃~125℃	3.0V	0.20%	15	28
NSREF3133-DSTR	SOT23-3L	Industrial	1.8V~5.5V	-40℃~125℃	3.3V	0.20%	15	33
NSREF3133-Q1STR	SOT23-3L	Automotive	1.8V~5.5V	-40℃~125℃	3.3V	0.20%	15	33
NSREF3140-DSTR	SOT23-3L	Industrial	1.8V~5.5V	-40℃~125℃	4.0V	0.20%	15	33
NSREF3140-Q1STR	SOT23-3L	Automotive	1.8V~5.5V	-40℃~125℃	4.0V	0.20%	15	33

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www.novosns.com/high-voltage-general-purpose-operational-amplifiers

高压通用运算放大器

OPN	Package	Rating	Number of channal	Operating Temperature	Operating Voltage (V)	Iq (typ at 25℃) (μA)	Input common mode Voltage range	Output voltage range	Vos (max at 25°C) (mV)	dVos/dT (typ)(μV/C)	IB (typ at 25°C) (pA)	PSRR (typ at 25℃) (dB)	CMRR（typ at 25℃)(dB)	f=10kHz,en（nV/srHz）	GBP (MHz)	Slew rate（V/μs）	Isc(mA)(source) at 25℃ typ
NSOPA082-DMSR	MSOP8	Industrial	2	-40℃~125℃	4.5~36	1260	(V-)+2~(V+)	Rail to Rail	2.5	1	15	120	120	15	6	40	32
NSOPA082-DSPR	SOP8	Industrial	2	-40℃~125℃	4.5~36	1260	(V-)+2~(V+)	Rail to Rail	2.5	1	15	120	120	15	6	40	32
NSOPA084-DSPKR	SOP14	Industrial	4	-40℃~125℃	4.5~36	630	(V-)+2~(V+)	Rail to Rail	2.5	1	15	120	120	15	6	40	32
NSOPA084-DTSKR	TSSOP14	Industrial	4	-40℃~125℃	4.5~36	630	(V-)+2~(V+)	Rail to Rail	2.5	1	15	120	120	15	6	40	32
NSOPA9011-DSPR	SOP8	Industrial	1	-40℃~125℃	2.7~40	120	Rail to Rail	Rail to Rail	1.8	1.8	15	124	118	22	1	2	65
NSOPA9011-DSTAR	SOT23-5L	Industrial	1	-40℃~125℃	2.7~40	120	Rail to Rail	Rail to Rail	1.8	1.8	15	124	118	22	1	2	65
NSOPA9011-Q1SPR	SOP8	Automotive	1	-40℃~125℃	2.7~40	120	Rail to Rail	Rail to Rail	1.8	1.8	15	124	118	22	1	2	65
NSOPA9011-Q1STAR	SOT23-5L	Automotive	1	-40℃~125℃	2.7~40	120	Rail to Rail	Rail to Rail	1.8	1.8	15	124	118	22	1	2	65
NSOPA9012-DMSR	MSOP8	Industrial	2	-40℃~125℃	2.7~40	120	Rail to Rail	Rail to Rail	1.8	1.8	15	124	118	22	1	2	65
NSOPA9012-DSPR	SOP8	Industrial	2	-40℃~125℃	2.7~40	120	Rail to Rail	Rail to Rail	1.8	1.8	15	124	118	22	1	2	65
NSOPA9012-Q1MSR	MSOP8	Automotive	2	-40℃~125℃	2.7~40	120	Rail to Rail	Rail to Rail	1.8	1.8	15	124	118	22	1	2	65
NSOPA9012-Q1SPR	SOP8	Automotive	2	-40℃~125℃	2.7~40	120	Rail to Rail	Rail to Rail	1.8	1.8	15	124	118	22	1	2	65
NSOPA9014-DSPKR	SOP14	Industrial	4	-40℃~125℃	2.7~40	120	Rail to Rail	Rail to Rail	1.8	1.8	15	124	118	22	1	2	65
NSOPA9014-DTSKR	TSSOP14	Industrial	4	-40℃~125℃	2.7~40	120	Rail to Rail	Rail to Rail	1.8	1.8	15	124	118	22	1	2	65
NSOPA9014-Q1SPKR	SOP14	Automotive	4	-40℃~125℃	2.7~40	120	Rail to Rail	Rail to Rail	1.8	1.8	15	124	118	22	1	2	65
NSOPA9014-Q1TSKR	TSSOP14	Automotive	4	-40℃~125℃	2.7~40	120	Rail to Rail	Rail to Rail	1.8	1.8	15	124	118	22	1	2	65

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高压通用运算放大器

OPN	Package	Rating	Number of channal	Operating Temperature	Operating Voltage (V)	Iq (typ at 25℃) (μA)	Input common mode Voltage range	Output voltage range	Vos (max at 25°C) (mV)	dVos/dT (typ)(μV/C)	IB (typ at 25°C) (pA)	PSRR (typ at 25℃) (dB)	CMRR（typ at 25℃)(dB)	f=10kHz,en（nV/srHz）	GBP (MHz)	Slew rate（V/μs）	Isc(mA)(source) at 25℃ typ
NSOPA9051-DSPR	SOP8	Industrial	1	-40℃~125℃	2.7~40	540	Rail to Rail	Rail to Rail	1.2	0.5	15	120	90	10	6	11	85
NSOPA9051-DSTAR	SOT23-5L	Industrial	1	-40℃~125℃	2.7~40	540	Rail to Rail	Rail to Rail	1.2	0.5	15	120	90	10	6	11	85
NSOPA9051-Q1SPR	SOP8	Automotive	1	-40℃~125℃	2.7~40	540	Rail to Rail	Rail to Rail	1.2	0.5	15	120	90	10	6	11	85
NSOPA9051-Q1STAR	SOT23-5L	Automotive	1	-40℃~125℃	2.7~40	540	Rail to Rail	Rail to Rail	1.2	0.5	15	120	90	10	6	11	85
NSOPA9052-DMSR	MSOP8	Industrial	2	-40℃~125℃	2.7~40	540	Rail to Rail	Rail to Rail	1.2	0.5	15	120	90	10	6	11	85
NSOPA9052-DSPR	SOP8	Industrial	2	-40℃~125℃	2.7~40	540	Rail to Rail	Rail to Rail	1.2	0.5	15	120	90	10	6	11	85
NSOPA9052-Q1MSR	MSOP8	Automotive	2	-40℃~125℃	2.7~40	540	Rail to Rail	Rail to Rail	1.2	0.5	15	120	90	10	6	11	85
NSOPA9052-Q1SPR	SOP8	Automotive	2	-40℃~125℃	2.7~40	540	Rail to Rail	Rail to Rail	1.2	0.5	15	120	90	10	6	11	85
NSOPA9054-DSPKR	SOP14	Industrial	4	-40℃~125℃	2.7~40	540	Rail to Rail	Rail to Rail	1.2	0.5	15	120	90	10	6	11	85
NSOPA9054-DTSKR	TSSOP14	Industrial	4	-40℃~125℃	2.7~40	540	Rail to Rail	Rail to Rail	1.2	0.5	15	120	90	10	6	11	85
NSOPA9054-Q1SPKR	SOP14	Automotive	4	-40℃~125℃	2.7~40	540	Rail to Rail	Rail to Rail	1.2	0.5	15	120	90	10	6	11	85
NSOPA9054-Q1TSKR	TSSOP14	Automotive	4	-40℃~125℃	2.7~40	540	Rail to Rail	Rail to Rail	1.2	0.5	15	120	90	10	6	11	85
NSOPA9101-DSPR	SOP8	Industrial	1	-40℃~125℃	2.7~40	1700	Rail to Rail	Rail to Rail	1.2	0.3	15	120	120	10	11.6	35	50
NSOPA9101-DSTAR	SOT23-5L	Industrial	1	-40℃~125℃	2.7~40	1700	Rail to Rail	Rail to Rail	1.2	0.3	15	120	120	10	11.6	35	50
NSOPA9101-Q1SPR	SOP8	Automotive	1	-40℃~125℃	2.7~40	1700	Rail to Rail	Rail to Rail	1.2	0.3	15	120	120	10	11.6	35	50
NSOPA9101-Q1STAR	SOT23-5L	Automotive	1	-40℃~125℃	2.7~40	1700	Rail to Rail	Rail to Rail	1.2	0.3	15	120	120	10	11.6	35	50

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高压通用运算放大器

OPN	Package	Rating	Number of channal	Operating Temperature	Operating Voltage (V)	Iq (typ at 25℃) (μA)	Input common mode Voltage range	Output voltage range	Vos (max at 25°C) (mV)	dVos/dT (typ)(μV/C)	IB (typ at 25°C) (pA)	PSRR (typ at 25℃) (dB)	CMRR（typ at 25℃)(dB)	f=10kHz,en（nV/srHz）	GBP (MHz)	Slew rate（V/μs）	Isc(mA)(source) at 25℃ typ
NSOPA9102-DMSR	MSOP8	Industrial	2	-40℃~125℃	2.7~40	1700	Rail to Rail	Rail to Rail	1.2	0.3	15	120	120	10	11.6	35	50
NSOPA9102-DSPR	SOP8	Industrial	2	-40℃~125℃	2.7~40	1700	Rail to Rail	Rail to Rail	1.2	0.3	15	120	120	10	11.6	35	50
NSOPA9102-Q1MSR	MSOP8	Automotive	2	-40℃~125℃	2.7~40	1700	Rail to Rail	Rail to Rail	1.2	0.3	15	120	120	10	11.6	35	50
NSOPA9102-Q1SPR	SOP8	Automotive	2	-40℃~125℃	2.7~40	1700	Rail to Rail	Rail to Rail	1.2	0.3	15	120	120	10	11.6	35	50
NSOPA9104-DSPKR	SOP14	Industrial	4	-40℃~125℃	2.7~40	1700	Rail to Rail	Rail to Rail	1.2	0.3	15	120	120	10	11.6	35	50
NSOPA9104-DTSKR	TSSOP14	Industrial	4	-40℃~125℃	2.7~40	1700	Rail to Rail	Rail to Rail	1.2	0.3	15	120	120	10	11.6	35	50
NSOPA9104-Q1SPKR	SOP14	Automotive	4	-40℃~125℃	2.7~40	1700	Rail to Rail	Rail to Rail	1.2	0.3	15	120	120	10	11.6	35	50
NSOPA9104-Q1TSKR	TSSOP14	Automotive	4	-40℃~125℃	2.7~40	1700	Rail to Rail	Rail to Rail	1.2	0.3	15	120	120	10	11.6	35	50

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低压通用运算放大器

OPN	Package	Rating	Number of channal	Operating Temperature	Operating Voltage (V)	Iq (typ at 25℃) (μA)	Input common mode Voltage range	Output voltage range	Vos (max at 25°C) (mV)	dVos/dT (typ)(μV/C)	IB (typ at 25°C) (pA)	PSRR (typ at 25℃) (dB)	CMRR（typ at 25℃)(dB)	f=10kHz,en（nV/srHz）	GBP (MHz)	Slew rate（V/μs）	Isc(mA)(source) at 25℃ typ
NSOPA8011-DSCAR	SC70-5	Industrial	1	-40℃~125℃	1.8~5.5	77	Rail to Rail	Rail to Rail	0.55	0.7	5	104	89	22	1.5	2	63
NSOPA8011-DSTAR	SOT23-5L	Industrial	1	-40℃~125℃	1.8~5.5	77	Rail to Rail	Rail to Rail	0.55	0.7	5	104	89	22	1.5	2	63
NSOPA8011-Q1SCAR	SC70-5	Automotive	1	-40℃~125℃	1.8~5.5	77	Rail to Rail	Rail to Rail	0.55	0.7	5	104	89	22	1.5	2	63
NSOPA8011-Q1STAR	SOT23-5L	Automotive	1	-40℃~125℃	1.8~5.5	77	Rail to Rail	Rail to Rail	0.55	0.7	5	104	89	22	1.5	2	63
NSOPA8012-DMSR	MSOP8	Industrial	2	-40℃~125℃	1.8~5.5	77	Rail to Rail	Rail to Rail	0.55	0.7	5	104	89	22	1.5	2	63
NSOPA8012-DSPR	SOP8	Industrial	2	-40℃~125℃	1.8~5.5	77	Rail to Rail	Rail to Rail	0.55	0.7	5	104	89	22	1.5	2	63
NSOPA8012-Q1MSR	MSOP8	Automotive	2	-40℃~125℃	1.8~5.5	77	Rail to Rail	Rail to Rail	0.55	0.7	5	104	89	22	1.5	2	63
NSOPA8012-Q1SPR	SOP8	Automotive	2	-40℃~125℃	1.8~5.5	77	Rail to Rail	Rail to Rail	0.55	0.7	5	104	89	22	1.5	2	63
NSOPA8014-DSPKR	SOP14	Industrial	4	-40℃~125℃	1.8~5.5	77	Rail to Rail	Rail to Rail	0.55	0.7	5	104	89	22	1.5	2	63
NSOPA8014-DTSKR	TSSOP14	Industrial	4	-40℃~125℃	1.8~5.5	77	Rail to Rail	Rail to Rail	0.55	0.7	5	104	89	22	1.5	2	63
NSOPA8014-Q1SPKR	SOP14	Automotive	4	-40℃~125℃	1.8~5.5	77	Rail to Rail	Rail to Rail	0.55	0.7	5	104	89	22	1.5	2	63
NSOPA8014-Q1TSKR	TSSOP14	Automotive	4	-40℃~125℃	1.8~5.5	77	Rail to Rail	Rail to Rail	0.55	0.7	5	104	89	22	1.5	2	63
NSOPA8052-DMSR	MSOP8	Industrial	2	-40℃~125℃	1.8~5.5	360	Rail to Rail	Rail to Rail	2.1	0.5	5	104	89	14	5	14	48
NSOPA8052-DSPR	SOP8	Industrial	2	-40℃~125℃	1.8~5.5	360	Rail to Rail	Rail to Rail	2.1	0.5	5	104	89	14	5	14	48
NSOPA8052-Q1MSR	MSOP8	Automotive	2	-40℃~125℃	1.8~5.5	360	Rail to Rail	Rail to Rail	2.1	0.5	5	104	89	14	5	14	48
NSOPA8052-Q1SPR	SOP8	Automotive	2	-40℃~125℃	1.8~5.5	360	Rail to Rail	Rail to Rail	2.1	0.5	5	104	89	14	5	14	48

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电流检测放大器

OPN	Package	Rating	Input Common Mode Voltage Min (V)	Input Common Mode Voltage Max (V)	Input Common Mode Voltage Max (V)	Vos (max at 25° C) (mV)	dVos/dT (typ) (uV/C)	Gain (V/V)	Gain Error (max at 25°C)(%)	Gain drift (Typ) (ppm/°C%)	CMRR (Typ) (dB)	GBP (kHz)	Slew Rate (V/μs)	Features
NSCSA210A-DSCAR	SC70-6	Industrial	-2	28	2.7~28V	70	0.05	200	0.1	3	120	50@G=200	2	PWM rejection, Negative common-mode voltage anti-damage function
NSCSA210A-DSTAR	SOT23-6	Industrial	-2	28	2.7~28V	70	0.05	200	0.1	3	120	50@G=200	2	PWM rejection, Negative common-mode voltage anti-damage function
NSCSA210A-Q1SCAR	SC70-6	Automotive	-2	28	2.7~28V	70	0.05	200	0.1	3	120	50@G=200	2	PWM rejection, Negative common-mode voltage anti-damage function
NSCSA210A-Q1STAR	SOT23-6	Automotive	-2	28	2.7~28V	70	0.05	200	0.1	3	120	50@G=200	2	PWM rejection, Negative common-mode voltage anti-damage function
NSCSA213A-DSCAR	SC70-6	Industrial	-2	28	2.7~28V	70	0.05	50	0.1	3	120	200@G=50	2	PWM rejection, Negative common-mode voltage anti-damage function
NSCSA213A-DSTAR	SOT23-6	Industrial	-2	28	2.7~28V	70	0.05	50	0.1	3	120	200@G=50	2	PWM rejection, Negative common-mode voltage anti-damage function
NSCSA213A-Q1SCAR	SC70-6	Automotive	-2	28	2.7~28V	70	0.05	50	0.1	3	120	200@G=50	2	PWM rejection, Negative common-mode voltage anti-damage function
NSCSA213A-Q1STAR	SOT23-6	Automotive	-2	28	2.7~28V	70	0.05	50	0.1	3	120	200@G=50	2	PWM rejection, Negative common-mode voltage anti-damage function
NSCSA214A-DSCAR	SC70-6	Industrial	-2	28	2.7~28V	70	0.05	100	0.1	3	120	100@G=100	2	PWM rejection, Negative common-mode voltage anti-damage function
NSCSA214A-DSTAR	SOT23-6	Industrial	-2	28	2.7~28V	70	0.05	100	0.1	3	120	100@G=100	2	PWM rejection, Negative common-mode voltage anti-damage function
NSCSA214A-Q1SCAR	SC70-6	Automotive	-2	28	2.7~28V	70	0.05	100	0.1	3	120	100@G=100	2	PWM rejection, Negative common-mode voltage anti-damage function
NSCSA214A-Q1STAR	SOT23-6	Automotive	-2	28	2.7~28V	70	0.05	100	0.1	3	120	100@G=100	2	PWM rejection, Negative common-mode voltage anti-damage function
NSCSA215A-DSCAR	SC70-6	Industrial	-2	28	2.7~28V	70	0.05	75	0.1	3	120	125@G=75	2	PWM rejection, Negative common-mode voltage anti-damage function

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电流检测放大器

OPN	Package	Rating	Input Common Mode Voltage Min (V)	Input Common Mode Voltage Max (V)	Input Common Mode Voltage Max (V)	Vos (max at 25° C) (mV)	dVos/dT (typ) (uV/C)	Gain (V/V)	Gain Error (max at 25°C)(%)	Gain drift (Typ) (ppm/°C%)	CMRR (Typ) (dB)	GBP (kHz)	Slew Rate (V/μs)	Features
NSCSA215A-Q1SCAR	SC70-6	Automotive	-2	28	2.7~28V	70	0.05	75	0.1	3	120	125@G=75	2	PWM rejection , Negative common-mode voltage anti-damage function
NSCSA240A1-DSPR	SOP8	Industrial	-4	80	2.7~5.5	25	0.06	20	0.1	2	135	600@G=20	4	PWM rejection
NSCSA240A1-DTSPR	TSSOP8	Industrial	-4	80	2.7~5.5	25	0.06	20	0.1	2	135	600@G=20	4	PWM rejection
NSCSA240A1-Q1SPR	SOP8	Automotive	-4	80	2.7~5.5	25	0.06	50	0.1	2	135	550@G=50	4	PWM rejection
NSCSA240A1-Q1TSPR	TSSOP8	Automotive	-4	80	2.7~5.5	25	0.06	50	0.1	2	135	550@G=50	4	PWM rejection
NSCSA240A2-DSPR	SOP8	Industrial	-4	80	2.7~5.5	25	0.06	100	0.1	2	135	500@G=100	4	PWM rejection
NSCSA240A2-DTSPR	TSSOP8	Industrial	-4	80	2.7~5.5	25	0.06	200	0.1	2	135	450@G=200	4	PWM rejection
NSCSA240A2-Q1SPR	SOP8	Automotive	-4	80	2.7~5.5	25	0.06	20	0.1	2	135	600@G=20	4	PWM rejection
NSCSA240A2-Q1TSPR	TSSOP8	Automotive	-4	80	2.7~5.5	25	0.06	50	0.1	2	135	550@G=50	4	PWM rejection
NSCSA240A3-DSPR	SOP8	Industrial	-4	80	2.7~5.5	25	0.06	100	0.1	2	135	500@G=100	4	PWM rejection
NSCSA240A3-DTSPR	TSSOP8	Industrial	-4	80	2.7~5.5	25	0.06	100	0.1	2	135	500@G=100	4	PWM rejection
NSCSA240A3-Q1SPR	SOP8	Automotive	-4	80	2.7~5.5	25	0.06	200	0.1	2	135	450@G=200	4	PWM rejection
NSCSA240A3-Q1TSPR	TSSOP8	Automotive	-4	80	2.7~5.5	25	0.06	200	0.1	2	135	450@G=200	4	PWM rejection

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电流检测放大器

OPN	Package	Rating	Input Common Mode Voltage Min (V)	Input Common Mode Voltage Max (V)	Input Common Mode Voltage Max (V)	Vos (max at 25° C) (mV)	dVos/dT (typ) (uV/C)	Gain (V/V)	Gain Error (max at 25°C)(%)	Gain drift (Typ) (ppm/°C%)	CMRR (Typ) (dB)	GBP (kHz)	Slew Rate (V/μs)	Features
NSCSA240A4-DSPR	SOP8	Industrial	-4	80	2.7~5.5	25	0.06	200	0.1	2	135	450@G=200	4	PWM rejection
NSCSA240A4-DTSPR	TSSOP8	Industrial	-4	80	2.7~5.5	25	0.06	200	0.1	2	135	450@G=200	4	PWM rejection
NSCSA240A4-Q1SPR	SOP8	Automotive	-4	80	2.7~5.5	25	0.06	200	0.1	2	135	450@G=200	4	PWM rejection
NSCSA240A4-Q1TSPR	TSSOP8	Automotive	-4	80	2.7~5.5	25	0.06	200	0.1	2	135	450@G=200	4	PWM rejection
NSCSA285A1-DMSR	MSOP8	Industrial	3	76	3~5.5	12	0.15	50	0.2	20	140	90	0.6	Dual channel
NSCSA285A2-DMSR	MSOP8	Industrial	3	76	3~5.5	12	0.15	100	0.2	20	140	90	0.6	Dual channel
NSCSA285A3-DMSR	MSOP8	Industrial	3	76	3~5.5	12	0.15	12.5	0.2	20	140	90	0.6	Dual channel
NSCSA285A4-DMSR	MSOP8	Industrial	3	76	3~5.5	12	0.15	20	0.2	20	140	90	0.6	Dual channel

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功率运算放大器

OPN	Package	Rating	Number of channal	Operating Temperature	Operating Voltage (V)	Iq (typ at 25℃) (μA)	Input common mode Voltage range	Output voltage range	Vos (max at 25°C) (mV)	dVos/dT (typ)(μV/C)	IB (typ at 25°C) (pA)	PSRR (typ at 25℃) (dB)	CMRR（typ at 25℃)(dB)	f=10kHz,en（nV/srHz）	GBP (MHz)	Slew rate（V/μs）	Isc(mA)(sour-ce) at 25℃ typ
NSOPA2401-Q1TOAR	TO-252 -5L	Automotive	1	–40 °C to 125 °C	4.5~36	5100	Rail to Rail	Rail to Rail	3.8	7	500	113	125	20	7.5	5.5	640
NSOPA2402-Q1HTSKR	HTS-SOP14	Automotive	2	–40 °C to 125 °C	4.5~36	5100	Rail to Rail	Rail to Rail	3.8	7	500	113	125	20	7.5	5.5	640

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模数转换器

OPN	Package	Rating	Features	Input Channels	REF Channels	Input Voltage Range (V)	AVDD (V)	Internal reference accuracy（%）	Internal reference temperature drift（ppm/℃）	INL (ppmFS)	Gain Error (% of FSR)	Gain Drift (ppm/℃)	Programmable Gain
NSAD1146-DTSPR	TSSOP16	Industrial	High precision, 24-Bit, ADC with Internal Reference	8	3	AVSS~AVDD	3~5	0.1	3	"5 @ gain = 1~16 10 @ gain = 32~128"	"0.01 @ gain = 1~16 0.1 @ gain = 64~128"	2	1~128
NSAD1147-DTSR	TSSOP20	Industrial	High precision, 24-Bit, ADC with Internal Reference and IDAC	8	3	AVSS~AVDD	3~5	0.1	3	"5 @ gain = 1~16 10 @ gain = 32~128"	"0.01 @ gain = 1~16 0.1 @ gain = 64~128"	2	1~128
NSAD1148-DTSAR	TSSOP28	Industrial	High precision, 24-Bit, ADC with Internal Reference and IDAC	8	3	AVSS~AVDD	3~5	0.1	3	"5 @ gain = 1~16 10 @ gain = 32~128"	"0.01 @ gain = 1~16 0.1 @ gain = 64~128"	2	1~128
NSAD1246-DTSPR	TSSOP16	Industrial	High precision, 24-Bit, ADC with Internal Reference	2	1	AVSS~AVDD	3~5	0.02	3	"5 @ gain = 1~16 10 @ gain = 32~128"	"0.01 @ gain = 1~16 0.1 @ gain = 64~128"	2	1~128
NSAD1247-DTSR	TSSOP20	Industrial	High precision, 24-Bit, ADC with Internal Reference and IDAC	4	2	AVSS~AVDD	3~5	0.02	3	"5 @ gain = 1~16 10 @ gain = 32~128"	"0.01 @ gain = 1~16 0.1 @ gain = 64~128"	2	1~128
NSAD1248-DTSAR	TSSOP28	Industrial	High precision, 24-Bit, ADC with Internal Reference and IDAC	8	3	AVSS~AVDD	3~5	0.02	3	"5 @ gain = 1~16 10 @ gain = 32~128"	"0.01 @ gain = 1~16 0.1 @ gain = 64~128"	2	1~128
NSAD1249-DTSAR	TSSOP28	Industrial	High precision, 24-Bit, ADC with Internal Reference and IDAC	12	3	AVSS~AVDD	3~5	0.02	3	"5 @ gain = 1~16 10 @ gain = 32~128"	"0.01 @ gain = 1~16 0.1 @ gain = 64~128"	2	1~128

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隔离半桥驱动

OPN	Package	Rating	Peak Output Current (A)	VCC UVLO \Threshold (V)	Input Side VCC Voltage (Max) (V)	Output Side VCC Voltage (Max) (V)	CMTI (Min) (kV/μs)	Isolation Withstand Voltage (kVrms)	Insulation Grade	Features	Operation Temperature (°C)
NSI6602A-DSWKR	SOW14	Industrial	4/-6	6.5	5.5	25	100	5.7	Reinforced insulation	Disable, Programmable dead time	-40~125
NSI6602A-DSWR	SOW16	Industrial	4/-6	6.5	5.5	25	100	5.7	Reinforced insulation	Disable, Programmable dead time	-40~125
NSI6602A-Q1SWKR	SOW14	Automotive	4/-6	6.5	5.5	25	100	5.7	Reinforced insulation	Disable, Programmable dead time	-40~125
NSI6602A-Q1SWR	SOW16	Automotive	4/-6	6.5	5.5	25	100	5.7	Reinforced insulation	Disable, Programmable dead time	-40~125
NSI6602B-DLAR	LGA13	Industrial	4/-6	8.9	5.5	25	100	2.5	Basic insulation	Disable, Programmable dead time	-40~125
NSI6602B-DSWKR	SOW14	Industrial	4/-6	8.9	5.5	25	100	5.7	Reinforced insulation	Disable, Programmable dead time	-40~125
NSI6602B-Q1SPNR	SOP16	Automotive	4/-6	8.9	5.5	25	100	3	Basic insulation	Disable, Programmable dead time	-40~125
NSI6602B-Q1SWKR	SOW14	Automotive	4/-6	8.9	5.5	25	100	5.7	Reinforced insulation	Disable, Programmable dead time	-40~125
NSI6602B-Q1SWR	SOW16	Automotive	4/-6	8.9	5.5	25	100	5.7	Reinforced insulation	Disable, Programmable dead time	-40~125
NSI6602C-DLAR	LGA13	Industrial	4/-6	13.5	5.5	25	100	2.5	Basic insulation	Disable, Programmable dead time	-40~125
NSI6602C-DSPNR	SOP16	Industrial	4/-6	13.5	5.5	25	100	3	Basic insulation	Disable, Programmable dead time	-40~125
NSI6602C-Q1SPNR	SOP16	Automotive	4/-6	13.5	5.5	25	100	3	Basic insulation	Disable, Programmable dead time	-40~125
NSI6602C-Q1SWKR	SOW14	Automotive	4/-6	13.5	5.5	25	100	5.7	Reinforced insulation	Disable, Programmable dead time	-40~125
NSI6602C-Q1SWR	SOW16	Automotive	4/-6	13.5	5.5	25	100	5.7	Reinforced insulation	Disable, Programmable dead time	-40~125
NSI6602HA-DSWR	SOW16	Industrial	6/-8	6	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602HA-Q1SWR	SOW16	Automotive	6/-8	6	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125

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隔离半桥驱动

OPN	Package	Rating	Peak Output Current (A)	VCC UVLO \Threshold (V)	Input Side VCC Voltage (Max) (V)	Output Side VCC Voltage (Max) (V)	CMTI (Min) (kV/μs)	Isolation Withstand Voltage (kVrms)	Insulation Grade	Features	Operation Temperature (°C)
NSI6602HB-DSWR	SOW16	Industrial	6/-8	8	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602HB-Q1SWKR	SOW14	Automotive	6/-8	8	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602HB-Q1SWR	SOW16	Automotive	6/-8	8	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602HC-DSWR	SOW16	Industrial	6/-8	13	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602HC-Q1SWKR	SOW14	Automotive	6/-8	13	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602HC-Q1SWR	SOW16	Automotive	6/-8	13	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602MB-DSWTR	SOW18	Industrial	5/-5	9	6	35	100	5.7	Reinforced insulation	Miller clamp, Programmable dead time, Disable	-40~125
NSI6602MC-DSWTR	SOW18	Industrial	5/-5	12	6	35	100	5.7	Reinforced insulation	Miller clamp, Programmable dead time, Disable	-40~125
NSI6602MEB-Q1SWDR	SOW18	Automotive	10/-10	8	24	35	150	5.7	Reinforced insulation	Miller clamp, Programmable dead time, Disable	-40~125
NSI6602MEC-Q1SWDR	SOW18	Automotive	10/-10	12	24	35	150	5.7	Reinforced insulation	Miller clamp, Programmable dead time, Disable	-40~125
NSI6602MED-Q1SWDR	SOW18	Automotive	10/-10	5	24	35	150	5.7	Reinforced insulation	Miller clamp, Programmable dead time, Disable	-40~125
NSI6602MEF-Q1SWDR	SOW18	Automotive	10/-10	17	24	35	150	5.7	Reinforced insulation	Miller clamp, Programmable dead time, Disable	-40~125
NSI6602MNEC-Q1SWDR	SOW18	Automotive	10/-10	12	24	35	150	5.7	Reinforced insulation	Miller clamp, Programmable dead time, Enable	-40~125
NSI6602NA-DSPNR	SOP16	Industrial	6/-8	6	24	30	100	3	Basic insulation	Programmable dead time, Enable	-40~125
NSI6602NA-Q1SPNR	SOP16	Automotive	6/-8	6	24	30	100	3	Basic insulation	Programmable dead time, Enable	-40~125
NSI6602NB-DSPNR	SOP16	Industrial	6/-8	8	24	30	100	3	Basic insulation	Programmable dead time, Enable	-40~125

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隔离半桥驱动

OPN	Package	Rating	Peak Output Current (A)	VCC UVLO \Threshold (V)	Input Side VCC Voltage (Max) (V)	Output Side VCC Voltage (Max) (V)	CMTI (Min) (kV/μs)	Isolation Withstand Voltage (kVrms)	Insulation Grade	Features	Operation Temperature (°C)
NSI6602NB-DSWKR	SOW14	Industrial	6/-8	8	24	30	100	5.7	Reinforced insulation	Programmable dead time, Enable	-40~125
NSI6602NB-DSWR	SOW16	Industrial	6/-8	8	24	30	100	5.7	Reinforced insulation	Programmable dead time, Enable	-40~125
NSI6602NB-Q1SWKR	SOW14	Automotive	6/-8	8	24	30	100	5.7	Reinforced insulation	Programmable dead time, Enable	-40~125
NSI6602NB-Q1SWR	SOW16	Automotive	6/-8	8	24	30	100	5.7	Reinforced insulation	Programmable dead time, Enable	-40~125
NSI6602NC-DSPNR	SOP16	Industrial	6/-8	12	24	30	100	3	Basic insulation	Programmable dead time, Enable	-40~125
NSI6602NC-DSWKR	SOW14	Industrial	6/-8	12	24	30	100	5.7	Reinforced insulation	Programmable dead time, Enable	-40~125
NSI6602NC-Q1SWKR	SOW14	Automotive	6/-8	12	24	30	100	5.7	Reinforced insulation	Programmable dead time, Enable	-40~125
NSI6602NC-Q1SWR	SOW16	Automotive	6/-8	12	24	30	100	5.7	Reinforced insulation	Programmable dead time, Enable	-40~125
NSI6602ND-DSPNR	SOP16	Industrial	6/-8	4	24	30	100	3	Basic insulation	Programmable dead time, Enable	-40~125
NSI6602ND-DSWR	SOW16	Industrial	6/-8	4	24	30	100	5.7	Reinforced insulation	Programmable dead time, Enable	-40~125
NSI6602NHC-Q1SWKR	SOW14	Automotive	6/-8	13	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VA-DLAR	LGA13	Industrial	6/-8	6	24	30	100	2.5	Basic insulation	Programmable dead time, Disable	-40~125
NSI6602VA-DSPNR	SOP16	Industrial	6/-8	6	24	30	100	3	Basic insulation	Programmable dead time, Disable	-40~125
NSI6602VA-DSWKR	SOW14	Industrial	6/-8	6	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VA-DSWR	SOW16	Industrial	6/-8	6	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VA-Q1SPNR	SOP16	Automotive	6/-8	6	24	30	100	3	Basic insulation	Programmable dead time, Disable	-40~125

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隔离半桥驱动

OPN	Package	Rating	Peak Output Current (A)	VCC UVLO \Threshold (V)	Input Side VCC Voltage (Max) (V)	Output Side VCC Voltage (Max) (V)	CMTI (Min) (kV/μs)	Isolation Withstand Voltage (kVrms)	Insulation Grade	Features	Operation Temperature (°C)
NSI6602VA-Q1SWKR	SOW14	Automotive	6/-8	6	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VA-Q1SWR	SOW16	Automotive	6/-8	6	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VB-DLAR	LGA13	Industrial	6/-8	8	24	30	100	2.5	Basic insulation	Programmable dead time, Disable	-40~125
NSI6602VB-DSPNR	SOP16	Industrial	6/-8	8	24	30	100	3	Basic insulation	Programmable dead time, Disable	-40~125
NSI6602VB-DSWKR	SOW14	Industrial	6/-8	8	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VB-DSWR	SOW16	Industrial	6/-8	8	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VB-Q1SPNR	SOP16	Automotive	6/-8	8	24	30	100	3	Basic insulation	Programmable dead time, Disable	-40~125
NSI6602VB-Q1SPOR	SOP14	Automotive	6/-8	8	24	30	100	3	Basic insulation	Programmable dead time, Disable	-40~125
NSI6602VB-Q1SWKR	SOW14	Automotive	6/-8	8	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VB-Q1SWR	SOW16	Automotive	6/-8	8	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VC-DLAR	LGA13	Industrial	6/-8	12	24	30	100	2.5	Basic insulation	Programmable dead time, Disable	-40~125
NSI6602VC-DSPNR	SOP16	Industrial	6/-8	12	24	30	100	3	Basic insulation	Programmable dead time, Disable	-40~125
NSI6602VC-DSWKR	SOW14	Industrial	6/-8	12	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VC-DSWR	SOW16	Industrial	6/-8	12	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VC-Q1SPNR	SOP16	Automotive	6/-8	12	24	30	100	3	Basic insulation	Programmable dead time, Disable	-40~125
NSI6602VC-Q1SPOR	SOP14	Automotive	6/-8	12	24	30	100	3	Basic insulation	Programmable dead time, Disable	-40~125

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隔离半桥驱动

OPN	Package	Rating	Peak Output Current (A)	VCC UVLO \Threshold (V)	Input Side VCC Voltage (Max) (V)	Output Side VCC Voltage (Max) (V)	CMTI (Min) (kV/μs)	Isolation Withstand Voltage (kVrms)	Insulation Grade	Features	Operation Temperature (°C)
NSI6602VC-Q1SWKR	SOW14	Automotive	6/-8	12	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VC-Q1SWR	SOW16	Automotive	6/-8	12	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VD-DLAMR	LGA13	Industrial	6/-8	4	24	30	100	1.6	Basic insulation	Programmable dead time, Disable	-40~125
NSI6602VD-DSPNR	SOP16	Industrial	6/-8	4	24	30	100	3	Basic insulation	Programmable dead time, Disable	-40~125
NSI6602VD-DSWR	SOW16	Industrial	6/-8	4	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6602VD-Q1SPNR	SOP16	Automotive	6/-8	4	24	30	100	3	Basic insulation	Programmable dead time, Disable	-40~125
NSI6602VD-Q1SWR	SOW16	Automotive	6/-8	4	24	30	100	5.7	Reinforced insulation	Programmable dead time, Disable	-40~125
NSI6622A-DLAR	LGA13	Industrial	4/-6	6.5	5.5	25	100	2.5	Basic insulation	Disable	-40~125
NSI6622A-DSWKR	SOW14	Industrial	4/-6	6.5	5.5	25	100	5.7	Reinforced insulation	Disable	-40~125
NSI6622A-DSWR	SOW16	Industrial	4/-6	6.5	5.5	25	100	5.7	Reinforced insulation	Disable	-40~125
NSI6622B-DSWR	SOW16	Industrial	4/-6	8.9	5.5	25	100	5.7	Reinforced insulation	Disable	-40~125
NSI6622NA-DSPNR	SOP16	Industrial	6/-8	6	24	30	100	3	Basic insulation	Enable	-40~125
NSI6622NA-DSWR	SOW16	Industrial	6/-8	6	24	30	100	5.7	Reinforced insulation	Enable	-40~125
NSI6622NA-Q1SPNR	SOP16	Automotive	6/-8	6	24	30	100	3	Basic insulation	Enable	-40~125
NSI6622NB-DSPNR	SOP16	Industrial	6/-8	8	24	30	100	3	Basic insulation	Enable	-40~125
NSI6622VA-DSPNR	SOP16	Industrial	6/-8	6	24	30	100	3	Basic insulation	Disable	-40~125

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隔离半桥驱动

OPN	Package	Rating	Peak Output Current (A)	VCC UVLO \Threshold (V)	Input Side VCC Voltage (Max) (V)	Output Side VCC Voltage (Max) (V)	CMTI (Min) (kV/μs)	Isolation Withstand Voltage (kVrms)	Insulation Grade	Features	Operation Temperature (°C)
NSI6622VA-DSWKR	SOP14	Industrial	6/-8	6	24	30	100	5.7	Reinforced insulation	Disable	-40~125
NSI6622VB-DLAR	LGA13	Industrial	6/-8	8	24	30	100	2.5	Basic insulation	Disable	-40~125
NSI6622VB-DSPNR	SOP16	Industrial	6/-8	8	24	30	100	3	Basic insulation	Disable	-40~125
NSI6622VB-Q1SPNR	SOP16	Automotive	6/-8	8	24	30	100	3	Basic insulation	Disable	-40~125
NSI6622VD-DSPNR	SOP16	Industrial	6/-8	4	24	30	100	3	Basic insulation	Disable	-40~125
NSI6642A-DLAR	LGA13	Industrial	6/-8	6	24	30	100	2.5	Basic insulation	Single PWM input, Programmable dead time, Disable	-40~125
NSI6642A-DSWR	SOW16	Industrial	6/-8	6	24	30	100	5.7	Reinforced insulation	Single PWM input, Programmable dead time, Disable	-40~125
NSI6642B-DSPNR	SOP16	Industrial	6/-8	8	24	30	100	3	Basic insulation	Single PWM input, Programmable dead time, Disable	-40~125
NSI6642B-DSWR	SOW16	Industrial	6/-8	8	24	30	100	5.7	Reinforced insulation	Single PWM input, Programmable dead time, Disable	-40~125
NSI6642D-DLAR	LGA13	Industrial	6/-8	4	24	30	100	2.5	Basic insulation	Single PWM input, Programmable dead time, Disable	-40~125
NSI6642D-DSWR	SOW16	Industrial	6/-8	4	24	30	100	5.7	Reinforced insulation	Single PWM input, Programmable dead time, Disable	-40~125

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隔离单管驱动

OPN	Package	Rating	Peak Drive Current (A)	VCC UVLO \Threshold (V)	Input Side VCC Voltage (Max) (V)	Output Side VCC Voltage (Max) (V)	CMTI (Min) (kV/μs)	Isolation Withstand Voltage (kVrms)	Insulation Grade	Features	Operation Temperature (°C)
NSI6601AEB-DSPR	SOP8	Industrial	10/-10	9	18	35	150	3	Basic insulation	Separate output	-40~125
NSI6601AEB-DSWVR	SOW8	Industrial	10/-10	9	18	35	150	5.7	Reinforced insulation	Separate output	-40~125
NSI6601AEB-Q1SPR	SOP8	Automotive	10/-10	9	18	35	150	3	Basic insulation	Separate output	-40~125
NSI6601AEB-Q1SWVR	SOW8	Automotive	10/-10	9	18	35	150	5.7	Reinforced insulation	Separate output	-40~125
NSI6601AEC-DSPR	SOP8	Industrial	10/-10	12	18	35	150	3	Basic insulation	Separate output	-40~125
NSI6601AEC-DSWVR	SOW8	Industrial	10/-10	12	18	35	150	5.7	Reinforced insulation	Separate output	-40~125
NSI6601AEC-Q1SPR	SOP8	Automotive	10/-10	12	18	35	150	3	Basic insulation	Separate output	-40~125
NSI6601AEC-Q1SWVR	SOW8	Automotive	10/-10	12	18	35	150	5.7	Reinforced insulation	Separate output	-40~125
NSI6601AED-DSPR	SOP8	Industrial	10/-10	5	18	35	150	3	Basic insulation	Separate output	-40~125
NSI6601AED-Q1SPR	SOP8	Automotive	10/-10	5	18	35	150	3	Basic insulation	Separate output	-40~125
NSI6601B-DSWVR	SOW8	Industrial	5/-5	9	18	35	150	5.7	Reinforced insulation	Separate output	-40~125
NSI6601B-Q1SPR	SOP8	Automotive	5/-5	9	N/A	35	150	3	Basic insulation	Opto-compatible input	-40~125
NSI6601C-DSWVR	SOW8	Industrial	5/-5	13	18	35	150	5.7	Reinforced insulation	Separate output	-40~125
NSI6601C-Q1SPR	SOP8	Automotive	5/-5	13	N/A	35	150	3	Basic insulation	Opto-compatible input	-40~125
NSI6601MB-DSPR	SOP8	Industrial	5/-5	9	18	35	150	3	Basic insulation	Miller clamp	-40~125
NSI6601MB-DSWVR	SOW8	Industrial	5/-5	9	18	35	150	5.7	Reinforced insulation	Miller clamp	-40~125

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隔离单管驱动

OPN	Package	Rating	Peak Drive Current (A)	VCC UVLO \Threshold (V)	Input Side VCC Voltage (Max) (V)	Output Side VCC Voltage (Max) (V)	CMTI (Min) (kV/μs)	Isolation Withstand Voltage (kVrms)	Insulation Grade	Features	Operation Temperature (°C)
NSI6601MB-Q1SPR	SOP8	Automotive	5/-5	9	18	35	150	3	Basic insulation	Miller clamp	-40~125
NSI6601MB-Q1SWVR	SOW8	Automotive	5/-5	9	18	35	150	5.7	Reinforced insulation	Miller clamp	-40~125
NSI6601MC-DSPR	SOP8	Industrial	5/-5	13	18	35	150	3	Basic insulation	Miller clamp	-40~125
NSI6601MC-DSWVR	SOW8	Industrial	5/-5	13	18	35	150	5.7	Reinforced insulation	Miller clamp	-40~125
NSI6601MC-Q1SPR	SOP8	Automotive	5/-5	13	18	35	150	3	Basic insulation	Miller clamp	-40~125
NSI6601MC-Q1SWVR	SOW8	Automotive	5/-5	13	18	35	150	5.7	Reinforced insulation	Miller clamp	-40~125
NSI6601MEB-DSWVR	SOW8	Industrial	10/-10	9	18	35	150	5.7	Reinforced insulation	Miller clamp	-40~125
NSI6601MEC-DSWVR	SOW8	Industrial	10/-10	12	18	35	150	5.7	Reinforced insulation	Miller clamp	-40~125
NSI6601MEC-Q1SPR	SOP8	Automotive	10/-10	12	18	35	150	3	Basic insulation	Miller clamp	-40~125
NSI6601SH3-DSWVR	SOW8	Industrial	25/-25	12	6	40	200	5.7	Reinforced insulation	2 Level Slew rate control	-40~125
NSI6601SRC-DSWVR	SOW8	Industrial	25/-25	12	6	40	200	5.7	Reinforced insulation	2 Level Slew rate control	-40~125
NSI6601WC-DSWVR	SOW8	Industrial	5/-5	13	18	35	150	5.7	Reinforced insulation	Miller clamp	-40~125
NSI68011C-Q1SWAR	SOW6	Automotive	1.5/-2	13	N/A	35	150	5.7	Reinforced insulation	Opto-compatible input	-40~125
NSI6801B-DSPR	SOP8	Industrial	5/-5	9	N/A	35	150	3	Basic insulation	Opto-compatible input	-40~125
NSI6801C-DSPR	SOP8	Industrial	5/-5	13	N/A	35	150	3	Basic insulation	Opto-compatible input	-40~125
NSI6801EB-DSWER	SOL6	Industrial	5/-5	8	N/A	38	150	5.7	Reinforced insulation	Opto-compatible input	-40~125

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隔离单管驱动

OPN	Package	Rating	Peak Drive Current (A)	VCC UVLO \Threshold (V)	Input Side VCC Voltage (Max) (V)	Output Side VCC Voltage (Max) (V)	CMTI (Min) (kV/μs)	Isolation Withstand Voltage (kVrms)	Insulation Grade	Features	Operation Temperature (°C)
NSI6801EB-DSWFR	SOW6	Industrial	5/-5	N/A	8	38	150	5.7	Reinforced insulation	Opto-compatible input	-40~125
NSI6801EC-DSWER	SOL6	Industrial	5/-5	N/A	12	38	150	5.7	Reinforced insulation	Opto-compatible input	-40~125
NSI6801EC-DSWFR	SOW6	Industrial	5/-5	N/A	12	38	150	5.7	Reinforced insulation	Opto-compatible input	-40~125
NSI6801EC-DSWWAR	SOWW8	Industrial	5/-5	N/A	12	38	150	5.7	Reinforced insulation	Opto-compatible input	-40~125
NSI6801ETB-DDBR	DUB8	Industrial	5/-5	N/A	8	38	150	5	Basic insulation	Opto-compatible input	-40~125
NSI6801ETC-DDBR	DUB8	Industrial	5/-5	N/A	12	38	150	5	Basic insulation	Opto-compatible input	-40~125
NSI6801LC-DDBR	DUB8	Industrial	5/-5	N/A	13	35	150	5	Basic insulation	Opto-compatible input	-40~125
NSI6801MC-DSWVR	SOW8	Industrial	5/-5	N/A	13	35	150	5.7	Reinforced insulation	Opto-compatible input, Miller clamp	-40~125
NSI6801TB-DDBR	DUB8	Industrial	5/-5	N/A	9	35	150	5	Basic insulation	Opto-compatible input	-40~125
NSI6801TC-DDBR	DUB8	Industrial	5/-5	N/A	13	35	150	5	Basic insulation	Opto-compatible input	-40~125

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隔离智能驱动

OPN	Package	Rating	Peak Drive Current (A)	VCC UVLO \Threshold (V)	Input Side VCC Voltage (Max) (V)	Output Side VCC Voltage (Max) (V)	CMTI (Min) (kV/μs)	Isolation Withstand Voltage (kVrms)	Insulation Grade	Features	Operation Temperature (°C)
NSI6611ASC-DSWR	SOW16	Industrial	10/-10	13	6	35	150	5.7	Reinforced insulation	DESAT short circuit protection, Soft shutdown, Miller clamp, ASC function, Split output and Fault alarm	-40~125
NSI6611ASC-Q1SWR	SOW16	Automotive	10/-10	13	6	35	150	5.7	Reinforced insulation	DESAT short circuit protection, Soft shutdown, Miller clamp, ASC function, Separate output and Fault alarm	-40~125
NSI6651ALC-DSWR	SOW16	Industrial	10/-10	13	6	35	150	5.7	Reinforced insulation	DESAT short circuit protection, Soft shutdown, Miller clamp and Fault alarm	-40~125
NSI6651ALC-Q1SWR	SOW16	Automotive	10/-10	13	6	35	150	5.7	Reinforced insulation	DESAT short circuit protection, Soft shutdown, Miller clamp and Fault alarm	-40~125
NSI6651ASC-DSWR	SOW16	Industrial	10/-10	13	6	35	150	5.7	Reinforced insulation	DESAT short circuit protection, Soft shutdown, Miller clamp, Split output and Fault alarm	-40~125
NSI6651ASC-Q1SWR	SOW16	Automotive	10/-10	13	6	35	150	5.7	Reinforced insulation	DESAT short circuit protection, Soft shutdown, Miller clamp, Split output and Fault alarm	-40~125
NSI6711ASC-Q1SWR	SOW16	Automotive	10/-10	13	6	38	150	5.7	Reinforced insulation	DESAT short circuit protection(9V), Soft shutdown(420mA), Miller clamp, Secondary side ASC function, Split output, and Fault alarm	-40~125
NSI6713ASC-Q1SSWAR	SSOW20	Automotive	10/-10	13	6	38	150	5.7	Reinforced insulation	DESAT short circuit protection(9V), Soft shutdown(420-mA), Miller clamp, Primary and secondary side ASC function, Split output, and Fault alarm	-40~125
NSI6713ASC-Q1SWR	SOW16	Automotive	10/-10	13	6	38	150	5.7	Reinforced insulation	DESAT short circuit protection(9V), Soft shutdown(420-mA), Miller clamp, Primary and secondary side ASC function, Split output, and Fault alarm	-40~125
NSI6730ASA-Q1SWR	SOW16	Automotive	10/-10	13	6	38	150	5.7	Reinforced insulation	Isolated analog sensing, OCP short circuit protection, Soft shutdown(420mA), Miller clamp, Split output, and Fault alarm	-40~125
NSI6730ASC-Q1SSWAR	SSOW20	Automotive	10/-10	12	6	38	150	5.7	Reinforced insulation	Isolated analog sensing with internal current source, DESAT short circuit protection(9V), Soft shutdown(420-mA), Miller clamp, Split output, and Fault alarm	-40~125
NSI6730ASC-Q1SWR	SOW16	Automotive	10/-10	12	6	38	150	5.7	Reinforced insulation	Isolated analog sensing with internal current source, DESAT short circuit protection(9V), Soft shutdown(420-mA), Miller clamp, Split output, and Fault alarm	-40~125
NSI6770AHC-Q1SSWAR	SSOW20	Automotive	10/-10	12	6	38	150	5.7	Reinforced insulation	Isolated analog sensing, DESAT short circuit protection(9V), Soft shutdown (900mA), Miller clamp, Split output, and Fault alarm	-40~125

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隔离智能驱动

OPN	Package	Rating	Peak Drive Current (A)	VCC UVLO \Threshold (V)	Input Side VCC Voltage (Max) (V)	Output Side VCC Voltage (Max) (V)	CMTI (Min) (kV/μs)	Isolation Withstand Voltage (kVrms)	Insulation Grade	Features	Operation Temperature (°C)
NSI6770AHC-Q1SWR	SOW16	Automotive	10/-10	12	6	38	150	5.7	Reinforced insulation	Isolated analog sensing, DESAT short circuit protection(9V), Soft shutdown (900mA), Miller clamp, Split output, and Fault alarm	-40~125
NSI6770ASC-Q1SSWAR	SSOW20	Automotive	10/-10	12	6	38	150	5.7	Reinforced insulation	Isolated analog sensing, DESAT short circuit protection(9V), Soft shutdown (420mA), Miller clamp, Split output, and Fault alarm	-40~125
NSI6770ASC-Q1SWR	SOW16	Automotive	10/-10	12	6	38	150	5.7	Reinforced insulation	Isolated analog sensing, DESAT short circuit protection(9V), Soft shutdown(420mA), Miller clamp, Split output, and Fault alarm	-40~125
NSI68515AC-DSWR	SOW16	Industrial	5/-5	13	6	35	150	5.7	Reinforced insulation	DESAT short circuit protection, Auto reset, Soft shutdown, Miller clamp, and Fault alarm	-40~125
NSI68515LC-DSWR	SOW16	Industrial	5/-5	13	6	35	150	5.7	Reinforced insulation	DESAT short circuit protection, Soft shutdown, Miller clamp, and Fault alarm	-40~125
NSI68515RC-DSWR	SOW16	Industrial	5/-5	13	6	35	150	5.7	Reinforced insulation	Non-Rail-to-Rail output, DESAT short circuit protection, Auto reset, Soft shutdown, Miller clamp, and Fault alarm	-40~125
NSI68515UC-DSWR	SOW16	Industrial	5/-5	13	6	35	150	5.7	Reinforced insulation	DESAT short circuit protection, Soft shutdown, Miller clamp, Fault alarm, and UVLO alarm	-40~125

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功能安全驱动

OPN	Package	Rating	VCC1 (V)	ASC2-Gate behavior	Peak Drive Current (A)	Input Side VCC Voltage (Max) (V)	Output Side VCC Voltage (Max) (V)	CMTI (Min) (kV/μs)	Isolation Withstand Voltage (kVrms)	Insulation Grade	Features	Operation Temperature (°C)
NSI6911F3A-Q1SSWBR	SSOW32	Automotive	3.3	ON	19/-19	40	37	150	5	Reinforced insulation	Compliant with ISO 26262, ASIL D level, SPI interface, Integrated voltage regulators, 12bits ADC, Miller clamp, DESAT, OVUV protection and soft turn off, UVLO, ASC function, etc.	-40~125
NSI6911F3F-Q1SSWBR	SSOW32	Automotive	3.3	OFF	19/-19	40	37	150	5	Reinforced insulation	Compliant with ISO 26262, ASIL D level, SPI interface, Integrated voltage regulators, 12bits ADC, Miller clamp, DESAT, OVUV protection and soft turn off, UVLO, ASC function, etc.	-40~125
NSI6911F3T-Q1SSWBR	SSOW32	Automotive	3.3	Tristate	19/-19	40	37	150	5	Reinforced insulation	Compliant with ISO 26262, ASIL D level, SPI interface, Integrated voltage regulators, 12bits ADC, Miller clamp, DESAT, OVUV protection and soft turn off, UVLO, ASC function, etc.	-40~125
NSI6911F5A-Q1SSWBR	SSOW32	Automotive	5	ON	19/-19	40	37	150	5	Reinforced insulation	Compliant with ISO 26262, ASIL D level, SPI interface, Integrated voltage regulators, 12bits ADC, Miller clamp, DESAT, OVUV protection and soft turn off, UVLO, ASC function, etc.	-40~125
NSI6911F5F-Q1SSWBR	SSOW32	Automotive	5	OFF	19/-19	40	37	150	5	Reinforced insulation	Compliant with ISO 26262, ASIL D level, SPI interface, Integrated voltage regulators, 12bits ADC, Miller clamp, DESAT, OVUV protection and soft turn off, UVLO, ASC function, etc.	-40~125
NSI6911F5T-Q1SSWBR	SSOW32	Automotive	5	Tristate	19/-19	40	37	150	5	Reinforced insulation	Compliant with ISO 26262, ASIL D level, SPI interface, Integrated voltage regulators, 12bits ADC, Miller clamp, DESAT, OVUV protection and soft turn off, UVLO, ASC function, etc.	-40~125

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>600V半桥驱动

OPN	Package	Rating	Drive Object	Peak Drive Current (A)	Output Channel	Bus Voltage (V)	VCC (Max) (V)	Propagation Delay (Max) ton/off (ns)	Delay Matching (ns)	Features	Operation Temperature (°C)
NSD1624-DLAJR	LGA10	Industrial	MOSFET/IGBT	4/-6	2	700	24	35/35	7	UVLO, Interlock	-40~125
NSD1624-DSPKR	SOP14	Industrial	MOSFET/IGBT	4/-6	2	1200	24	35/35	7	UVLO, Interlock	-40~125
NSD1624-DSPR	SOP8	Industrial	MOSFET/IGBT	4/-6	2	700	24	35/35	7	UVLO, Interlock	-40~125
NSD1624-Q1SPKR	SOP14	Automotive	MOSFET/IGBT	4/-6	2	1200	24	55/55	7	UVLO, Interlock	-40~125
NSD1624-Q1SPR	SOP8	Automotive	MOSFET/IGBT	4/-6	2	700	24	55/55	7	UVLO, Interlock	-40~125
NSD16241-DSPKR	SOP14	Industrial	MOSFET/IGBT	4/-6	2	1200	24	35/35	7	UVLO, Interlock	-40~125
NSD16241-DSPR	SOP8	Industrial	MOSFET/IGBT	4/-6	2	700	24	35/35	7	UVLO, Interlock	-40~125
NSD16241-Q1SPKR	SOP14	Automotive	MOSFET/IGBT	4/-6	2	1200	24	55/55	7	UVLO, Interlock	-40~125
NSD16241-Q1SPR	SOP8	Automotive	MOSFET/IGBT	4/-6	2	700	24	55/55	7	UVLO, Interlock	-40~125
NSD16242-DSPR	SOP8	Industrial	MOSFET/IGBT	4/-6	2	700	24	35/35	7	UVLO, Interlock	-40~125
NSD16242-Q1SPR	SOP8	Automotive	MOSFET/IGBT	4/-6	2	700	24	55/55	7	UVLO, Interlock	-40~125

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低边驱动

OPN	Package	Rating	Drive Object	Peak Drive Current (A)	Output Channel	VCC (Max) (V)	Propagation Delay (Max) ton/off (ns)	Delay Matching (ns)	Features	Operation Temperature (°C)
NSD1012C-DSTCR	SOT23-6	Industrial	MOSFET/IGBT	3/-4	1	25	50/50	N/A	EN/nFLT, OCP(-0.242V), 3.3V/5V/15V Input logic compatible	-40~125
NSD10151-Q1STCR	SOT23-6	Automotive	MOSFET/IGBT	2/-4	2	35	45/45	N/A	Enable, Split output	-40~125
NSD10157-DSTAR	SOT23-5	Industrial	MOSFET/IGBT	3.5/-4	1	35	30/30	N/A	Positive and negative inputs(IN+/IN-)	-40~140
NSD10159-DSTAR	SOT23-5	Industrial	MOSFET/IGBT	3.5/-4	1	35	40/40	N/A	Enable, Wide VDD range from 4.7 V to 32 V	-40~125
NSD1015MT-DSPR	SOP8	Industrial	MOSFET/IGBT/SiC	5/-5	1	36	75/75	N/A	DESAT protection, FAULT output, 5V supply output, Miller clamp	-40~125
NSD1015T-DSPR	SOP8	Industrial	MOSFET/IGBT/SiC	5/-5	1	36	75/75	N/A	DESAT protection, FAULT output, 5V supply output, Bipolar voltage	-40~125
NSD1026V-DDAER	DFN8	Industrial	GaNFET/MOSFET/IGBT	5/-5	2	30	32/32	4	Enable, Negative voltage handling on input (-10V)	-40~125
NSD1026V-DHMSR	HMSOP8	Industrial	GaNFET/MOSFET/IGBT	5/-5	2	30	32/32	4	Enable, Negative voltage handling on input (-10V)	-40~125
NSD1026V-DSPR	SOP8	Industrial	GaNFET/MOSFET/IGBT	5/-5	2	30	32/32	4	Enable, Negative voltage handling on input (-10V)	-40~125
NSD1026V-Q1HMSR	HMSOP8	Automotive	GaNFET/MOSFET/IGBT	5/-5	2	30	32/32	4	Enable, Negative voltage handling on input (-10V)	-40~125
NSD1026V-Q1HSPR	HSOP8	Automotive	GaNFET/MOSFET/IGBT	5/-5	2	30	32/32	4	Enable, Negative voltage handling on input (-10V)	-40~125
NSD1026V-Q1SPR	SOP8	Automotive	GaNFET/MOSFET/IGBT	5/-5	2	30	32/32	4	Enable, Negative voltage handling on input (-10V)	-40~125
NSD1026VF-DSPR	SOP8	Industrial	GaNFET/MOSFET/IGBT	5/-5	2	30	32/32	4	Enable, Negative voltage handling on input (-10V)	-40~125

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https://www.novosns.com/gan-driver

GaN驱动

OPN	Package	Rating	Drive Object	Peak Drive Current (A)	Output Channel	Bus Voltage (V)	VCC (Max) (V)	Propagation Delay (Max) ton/off (ns)	Delay Matching (ns)	Features	Operation Temperature (°C)
NSD2012N-DQAFR	QFN12 3*3	Industrial	GaNFET	2/-4	1	N/A	18	23/23	N/A	UVLO, Integrated 5V LDO, Adjustable positive drive output voltage, Adjustable negative voltage turnoff	-40~125
NSD2017-Q1CBAR	WLCSP	Automotive	GaNFET	7/-5	1	N/A	5.75	N/A	N/A	Narrrow pulse width capability, Fast switching specification, Small pulse distiortion	-40~125
NSD2017-Q1DABR	DFN6	Automotive	GaNFET	7/-5	1	N/A	5.75	N/A	N/A	Narrrow pulse width capability, Fast switching specification, Small pulse distiortion	-40~125
NSD2621A-DQAGR	QFN15	Industrial	GaNFET	2/-4	2	700	24	60/60	10	UVLO, Programmable dead time, Enable, Integrated LDO	-40~125
NSD2621C-DQAGR	QFN15	Industrial	GaNFET	2/-4	2	700	24	60/60	10	UVLO, Programmable dead time, Enable, Integrated LDO	-40~125
NSD2622N-DQAER	QFN30	Industrial	GaNFET	2/-4	2	700	18	55/55	10	UVLO, Integrated LDO, Adjustable positive drive output voltage, -2.5V negative voltage turnoff, 20ns fixed deadtime	-40~125

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https://www.novosns.com/brushed-dc-motor-integrated-drivers

直流有刷电机集成驱动

OPN	Package	Rating	Load Type	Rds (on) (HS+LS) mΩ	Peak Current (A)	Number of Half-bridge Channels	Vmin (V)	Vmax (V)	Integrated Current Detector	Interface	Features	Operation Temperature (°C)	Load Diagnosis
NSD7310-DHSPR	HSOP8	Industrial	Brushed DC motor	520	3.6	2	5	40	No	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection	-40~125	No
NSD7310-Q1HSPR	HSOP8	Automotive	Brushed DC motor	520	3.6	2	5	40	No	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection	-40~125	No
NSD7310A-DHSPR	HSOP8	Industrial	Brushed DC motor	520	3.6	2	5	40	Yes	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection	-40~125	No
NSD7310C-DHSPR	HSOP8	Industrial	Brushed DC motor	500	3.8	2	5	40	Yes	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection, Fault with automatically recovery	-40~85	No
NSD7312-DHSPR	HSOP8	Industrial	Brushed DC motor	520	3.6	2	5	40	No	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~125	No
NSD7312-Q1HSPR	HSOP8	Automotive	Brushed DC motor	520	3.6	2	5	40	No	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~125	No
NSD7312A-DHSPR	HSOP8	Industrial	Brushed DC motor	520	3.6	2	5	40	Yes	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~125	No
NSD7312A-Q1HSPR	HSOP8	Automotive	Brushed DC motor	520	3.6	2	5	40	Yes	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~125	No
NSD7314-DHTSPR	HTSSOP16	Industrial	Brushed DC motor	220	6	2	4.5	40	Yes	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection	-40~150	No
NSD7314-Q1HTSPR	HTSSOP16	Automotive	Brushed DC motor	220	6	2	4.5	40	Yes	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection	-40~150	No
NSD7315H-DHTSXR	HTSSOP24	Industrial	Brushed DC motor	150	10	2	4.5	40	Yes	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~150	Yes
NSD7315H-Q1HTSXR	HTSSOP24	Automotive	Brushed DC motor	150	10	2	4.5	40	Yes	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~150	Yes
NSD7315S-DHTSXR	HTSSOP24	Industrial	Brushed DC motor	150	10	2	4.5	40	Yes	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~150	Yes

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https://www.novosns.com/brushed-dc-motor-integrated-drivers

直流有刷电机集成驱动

OPN	Package	Rating	Load Type	Rds (on) (HS+LS) mΩ	Peak Current (A)	Number of Half-bridge Channels	Vmin (V)	Vmax (V)	Integrated Current Detector	Interface	Features	Operation Temperature (°C)	Load Diagnosis
NSD7315S-Q1HTSXR	HTSSOP24	Automotive	Brushed DC motor	150	10	2	4.5	40	Yes	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~150	Yes
NSD8306-Q1HTSXR	HTSSOP24	Automotive	Brushed DC motor/Stepping/LED	1700	1.3/1.7	6	4.5	40	No	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~125	Yes
NSD8306A-Q1HTSBR	HTSOP24	Automotive	Brushed DC motor/Stepping/LED	1700	1.3	6	4.5	40	No	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~125	Yes
NSD8308-Q1HTSXR	HTSSOP24	Automotive	Brushed DC motor/Stepping/LED	1700	1.3/1.7	8	4.5	40	No	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~125	Yes
NSD8310-Q1HTSXR	HTSSOP24	Automotive	Brushed DC motor/Stepping/LED	1500	1.3	8	4.5	40	No	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~150	Yes
NSD8310A-Q1HTSBR	HTSOP24	Automotive	Brushed DC motor/Stepping/LED	1500	1.3	8	4.5	40	No	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~150	Yes
NSD8312-Q1HTSXR	HTSSOP24	Automotive	Brushed DC motor/Stepping/LED	1500	1.3	6	4.5	40	No	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~150	Yes
NSD8312A-Q1HTSBR	HTSOP24	Automotive	Brushed DC motor/Stepping/LED	1500	1.3	6	4.5	40	No	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~150	Yes
NSD8316-Q1HTSBR	HTSOP24	Automotive	Brushed DC motor/Stepping/LED	1500	1.3	6	4.5	40	No	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~150	Yes
NSD8316-Q1HTSXR	HTSSOP24	Automotive	Brushed DC motor/Stepping/LED	1500	1.3	6	4.5	40	No	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~150	Yes
NSD8318-Q1HTSBR	HTSOP24	Automotive	Brushed DC motor/Stepping/LED	1500	1.3	8	4.5	40	No	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~150	Yes
NSD8318-Q1HTSXR	HTSSOP24	Automotive	Brushed DC motor/Stepping/LED	1500	1.3	8	4.5	40	No	SPI	Over-current protection, Over-temperature protection, Under-voltage protection, Fault report	-40~150	Yes

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https://www.novosns.com/brushed-dc-motor-pre-drivers

直流有刷电机预驱

OPN	Package	Rating	Load Type	Number of Low-side Channels	VPower (Max) (V)	Interface	Operating Temperature (°C) Tj
NSD3602H-Q1QDAR	VQFN32	Automotive	Brushed DC motor/Solenoid	2	40	SPI & 2xInput	-40~150
NSD3602S-Q1QDAR	VQFN32	Automotive	Brushed DC motor/Solenoid	2	40	SPI & 2xInput	-40~150
NSD3604-Q1QAIR	VQFN40	Automotive	Brushed DC motor/Solenoid	4	40	SPI & 4xInput	-40~150
NSD3604-Q1QAJR	VQFN56	Automotive	Brushed DC motor/Solenoid	4	40	SPI & 4xInput	-40~150
NSD3608-Q1QAJR	VQFN56	Automotive	Brushed DC motor/Solenoid	8	40	SPI & 4xInput	-40~150

扫码查看料号详情
https://www.novosns.com/multi-channel-low-side-drivers

多通道低边驱动

OPN	Package	Rating	Load Type	Driver Type	Rds (on) (LS) mΩ	Peak Current (A)	Number of Low-side Channels	Vmin (V)	Vmax (V)	Control Interface	Features	Operation Temperature (°C)	LDO
NSD56008-Q1HTSBR	HTSOP24	Automotive	Relay/LED/ Motor/Solenoid	Fully-integrated low-side driver	1000	0.9	8	4.5	28	SPI	Short circuit to batery protection, Over current latch OFF, Thermal shutdown latches OFF, Over load detection at ON state	-40~125	No
NSD5604-DHTSPR	HTSSOP16	Industrial	Relay/Solenoid	Fully-integrated low-side driver	260	3	4	8	55	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection, Clamp	-40~125	No
NSD5604N-DHTSPR	HTSSOP16	Industrial	Relay/Solenoid	Fully-integrated low-side driver	260	3	4	8	55	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection, Clamp	-40~125	Yes
NSD5604N-Q1HTSPR	HTSSOP16	Automotive	Relay/Solenoid	Fully-integrated low-side driver	260	3	4	8	55	Parallel	Over-current protection, Over-temperature protection, Under-voltage protection, Clamp	-40~125	No

扫码查看料号详情
https://www.novosns.com/multi-channel-configurable-high-low-side-drivers

多通道可配置高低边驱动

OPN	Package	Rating	Channel type/qty.	Load type	Rds (on) (LS) mΩ	Nominal load current (mA)	Supply voltage (V)	Interface	Features	Operation temperature (°C) Ta
NSD3661-Q1HTSPR	HTSSOP16	Automotive	3CH configurable, 3CH HSD	N/A	N/A	N/A	4.5~50	IO	HS for phase shutdown and power path, Support 0% to 100% PWM operation	-40~125
NSD56080-Q1HTSBR	HTSOP24	Automotive	0CH configurable, 8CH HSD, 0CH LSD	Inductive, Resistive, Capacitive	1000	330	4.5~28	SPI	Limp home, BIM, Active clamp, ON-state&OFF-state OLD	-40~125
NSD56242-Q1HTSBR	HTSOP24	Automotive	2CH configurable, 4CH HSD, 2CH LSD	Inductive, Resistive, Capacitive	1000	330	4.5~28	SPI	Limp home, BIM, Active clamp, ON-state&OFF-state OLD	-40~125
NSD56602-Q1HTSBR	HTSOP24	Automotive	6CH configurable, 0CH HSD, 2CH LSD	Inductive, Resistive, Capacitive	1000	330	4.5~28	SPI	Limp home, BIM, Active clamp, ON-state&OFF-state OLD	-40~125
NSD56620-Q1HTSBR	HTSOP24	Automotive	6CH configurable, 2CH HSD, 0CH LSD	Inductive, Resistive, Capacitive	1000	330	4.5~28	SPI	Limp home, BIM, Active clamp, ON-state&OFF-state OLD	-40~125

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https://www.novosns.com/bipolar-stepper-motor-drivers

双极性步进电机驱动

OPN	Package	Rating	Load type	Rds (on) (HS+LS) Ω	Max Current (A)	VPower (Max) (V)	Interface	Features	Operation temperature (°C)
NSD8381-Q1QAIR	VQFN40	Automotive	Stepper motor	1.4	1/32	4.5-36	SPI	Over-current protection, Over-temperature protection, Under-voltage protection	-40~125
NSD8381-Q1QANR	VQFN32	Automotive	Stepper motor	1.2	1/32	4.5-36	SPI	Over-current protection, Over-temperature protection, Under-voltage protection	-40~125
NSD8389-Q1HTSXR	HTSSOP24	Automotive	Stepper motor	0.9	1/256	4.5-36	SPI	Over-current protection, Over-temperature protection, Under-voltage protection	-40~150
NSD8389-Q1QBBR	VQFN24	Automotive	Stepper motor	0.9	1/256	4.5-36	SPI	Over-current protection, Over-temperature protection, Under-voltage protection	-40~150
NSD8389A-Q1HTSXR	HTSSOP24	Automotive	Stepper motor	0.9	1/256	4.5-36	SPI	Over-current protection, Over-temperature protection, Under-voltage protection	-40~150
NSD8389A-Q1QBBR	VQFN24	Automotive	Stepper motor	0.9	1/256	4.5-36	SPI	Over-current protection, Over-temperature protection, Under-voltage protection	-40~150

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https://www.novosns.com/class-d-audio-amplifiers

Class D音频功放

OPN	Package	Rating	Arthitecture	Output Channel	Input Type	Power Supply Max (V)	Power Supply Min (V)	Output Power (W)	THD+N @ 1kHz	Control Interface	Sampling Rate Max (KHz)	Operation Temperature (°C)
NSDA6934-Q1SSDR	HSSOP56	Automotive	Class D	4	Digital Input	26.4	4.5	75	0.01%	I2C	192	-40~125

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https://www.novosns.com/smart-gan

智能GaN

OPN	Status	Package	Rating	Product Type	Bus Voltage (V)	Rds (on) (mΩ)	Ids (A)	Features	Operation Temperature (°C)
NSG65N15K-DQAFR	Active	QFN32	Industrial	Half bridge	700	150	20	UVLO, Dead-time programmable, Integrated bootstrap diode	-40~125

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https://www.novosns.com/li-ion-battery-protection-csp-mosfet

锂电保护 CSP MOSFET

OPN	Status	Package	Rating	VDS (V)	VGS (V)	ID (25°C) (A)	RSSON@VGS =4.5V Typ. (mΩ)	RSSON@VGS =3.8V Typ. (mΩ)	VGSth (V)	Polarity	ESD
NPM12023A-CCADR	Not Recomended for New Designs	WLCSP	Consumer	12	±8	13.5	2.3	2.7	0.6	N+N	√
NPM12055A-CCAER	Active	WLCSP	Consumer	12	±8	10	5.5	6	0.6	N+N	√

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https://www.novosns.com/smart-high-low-side-switch

高低边开关

OPN	MSL	Package	Rating	Type	Ambient Temperature(°C)	Number of Channels	MOS Impedance	Overcurrent Value	Protection	Features	Application
NSD11416-Q1SPR	MSL3	SOP8	Automotive	Low side switch	-40~125	1CH	160mΩ	2.5A	Over-current protection, Over-temperature protection, Under-voltage protection, Clamp, Open load diagnosis	Support inductive load	Automotive BMS system, Automotive body controller, Automotive controller, A/C control panel, PLC
NSD11416-Q1STBR	MSL3	SOT223	Automotive	Low side switch	-40~125	1CH	160mΩ	2.5A	Over-current protection, Over-temperature protection, Under-voltage protection, Clamp	Support inductive load	Automotive BMS system, Automotive body controller, Automotive controller, A/C control panel, PLC
NSD11430-Q1SPR	MSL3	SOP8	Automotive	Low side switch	-40~125	1CH	300mΩ	4.2A	Over-current protection, Over-temperature protection, Under-voltage protection, Clamp	Support inductive load	Vehicle body controller, Vehicle controller, HVAC control panel
NSD11430-Q1STBR	MSL3	SOT223	Automotive	Low side switch	-40~125	1CH	300mΩ	4.2A	Over-current protection, Over-temperature protection, Under-voltage protection, Clamp	Support inductive load	Vehicle body controller, Vehicle controller, HVAC control panel
NSD12409-Q1SPR	MSL3	SOP8	Automotive	Low side switch	-40~125	2CH	90mΩ	8A	Over-current protection, Over-temperature protection, Under-voltage protection, Clamp	Support inductive load	Automotive BMS system, Automotive body controller, Automotive controller, A/C control panel, PLC
NSD12416-Q1SPR	MSL3	SOP8	Automotive	Low side switch	-40~125	2CH	160mΩ	2.5A	Over-current protection, Over-temperature protection, Under-voltage protection, Clamp	Support inductive load	Automotive BMS system, Automotive body controller, Automotive controller, A/C control panel, PLC
NSD12416A-Q1SPR	MSL3	SOP8	Automotive	Low side switch	-40~125	2CH	160mΩ	2.5A	Thermal shutdown protection, Thermal swing protection	Support inductive load	Automotive BMS system, Automotive body controller, Automotive controller, A/C control panel, PLC
NSD12430-Q1SPR	MSL3	SOP8	Automotive	Low side switch	-40~125	2CH	300mΩ	4.2A	Over-current protection, Over-temperature protection, Under-voltage protection, Clamp	Support inductive load	Vehicle body controller, Vehicle controller, HVAC control panel
NSD12430A-Q1SPR	MSL3	SOP8	Automotive	Low side switch	-40~125	2CH	300mΩ	4.2A	Open circuit diagnosis, Overcurrent protection, Over-temperature protection	Support inductive load	Vehicle body controller, Vehicle controller, HVAC control panel
NSE11409-QSPR	MSL3	SOP8	Automotive	Low side switch	-40~125	1CH	90mΩ	8.5A	Open circuit diagnosis, Overcurrent protection, Over-temperature protection	Ultra low power consumption, Diagnostic output, VDD clamp	Body electronic controller, Vehicle controller, Air conditioning controller,BMS
NSE11409-QSTBR	MSL3	SOT223	Automotive	Low side switch	-40~125	1CH	90mΩ	8.5A	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Ultra low power consumption, Diagnostic output, VDD clamp	Body electronic controller, Vehicle controller, Air conditioning controller,BMS
NSE34008DP-Q1SSPR	MSL3	HSSOP16	Automotive	High side switch	-40~125	2CH	8mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE34012DP-Q1SSPR	MSL3	HSSOP16	Automotive	High side switch	-40~125	2CH	12mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU

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高低边开关

OPN	MSL	Package	Rating	Type	Ambient Temperature(°C)	Number of Channels	MOS Impedance	Overcurrent Value	Protection	Features	Application
NSE34025DP-Q1SSPR	MSL3	HSSOP16	Automotive	High side switch	-40~125	2CH	13mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE34050DP-Q1SSPR	MSL3	HSSOP16	Automotive	High side switch	-40~125	2CH	55mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE34140DP-Q1SSPR	MSL3	HSSOP16	Automotive	High side switch	-40~125	2CH	55mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35008DA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	2CH	8mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35008SA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	1CH	8mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35008SP-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	1CH	8mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35010DA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	2CH	10mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35010SA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	1CH	10mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35012DA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	2CH	12mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35012SA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	1CH	12mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35020DA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	2CH	12mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35030DA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	2CH	12mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35040DA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	2CH	20mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU

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高低边开关

OPN	MSL	Package	Rating	Type	Ambient Temperature(°C)	Number of Channels	MOS Impedance	Overcurrent Value	Protection	Features	Application
NSE35040SA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	1CH	20mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35080DA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	2CH	20mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35120DA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	2CH	60mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU
NSE35200DA-Q1SSQR	MSL3	HSSOP14	Automotive	High side switch	-40~125	2CH	60mΩ	/	Overcurrent protection, Short-circuit protection, Overvoltage protection, Over-temperature protection, Lost ground protection, Lost power protection, Reverse polarity protection	Open circuit diagnosis, Support inductive loads	BCM, ZCU

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https://www.novosns.com/buck

Buck降压

OPN	MSL	Package	Rating	Ambient Temperature (°C)	Minimum Input Voltage	Maximum Input Voltage	Maximum Output Current	Output Voltage	Switching frequency min.	Switching frequency max.	Iq Typ.	Control Mode	Spread Spectrum	Features	Application
NSR10420-Q1DAHR	MSL2	DFN10	Automotive	-40~125	4V	40V	2A	Adjustable output	100kHz	2500kHz	65μA	PCM	No	AEC-Q100 Qualified Grade 1: -40 °C to 125 °C/RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/Internal Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Automotive power supplies, Communication power system, Moto Drives, Inverters
NSR10421-DHMSAR	MSL2	HMSOP10	Industrial	-40~125	4V	40V	2.5A	Adjustable output	100kHz	2500kHz	100μA	PCM	No	RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/External Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Communication power system, Moto Drives, Inverters
NSR10421-Q1HMSAR	MSL2	HMSOP10	Automotive	-40~125	4V	40V	2.5A	Adjustable output	100kHz	2500kHz	100μA	PCM	No	AEC-Q100 Qualified Grade 1: -40 °C to 125 °C/RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/External Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Automotive power supplies, Communication power system, Moto Drives, Inverters
NSR10430-DHSPR	MSL2	HSOP8	Industrial	-40~125	4V	40V	3.5A	Adjustable output	100kHz	2500kHz	100μA	PCM	No	RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/Internal Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Communication power system, Moto Drives, Inverters
NSR10430-Q1DAHR	MSL2	DFN10	Automotive	-40~125	4V	40V	3.5A	Adjustable output	100kHz	2500kHz	65μA	PCM	No	AEC-Q100 Qualified Grade 1: -40 °C to 125 °C/RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/Internal Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Automotive power supplies, Communication power system, Moto Drives, Inverters

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OPN	MSL	Package	Rating	Ambient Temperature (°C)	Minimum Input Voltage	Maximum Input Voltage	Maximum Output Current	Output Voltage	Switching frequency min.	Switching frequency max.	Iq Typ.	Control Mode	Spread Spectrum	Features	Application
NSR10430-Q1HSPR	MSL2	HSOP8	Automotive	-40~125	4V	40V	3.5A	Adjustable output	100kHz	2500kHz	65μA	PCM	No	AEC-Q100 Qualified Grade 1: -40 °C to 125 °C/RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/Internal Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Automotive power supplies, Communication power system, Moto Drives, Inverters
NSR10431-DHSPR	MSL2	HSOP8	Industrial	-40~125	4V	40V	3.5A	Adjustable output	100kHz	2500kHz	100μA	PCM	No	RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/External Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Communication power system, Moto Drives, Inverters
NSR10431-Q1HSPR	MSL2	HSOP8	Automotive	-40~125	4V	40V	3.5A	Adjustable output	100kHz	2500kHz	100μA	PCM	No	AEC-Q100 Qualified Grade 1: -40 °C to 125 °C/RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/External Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Automotive power supplies, Communication power system, Moto Drives, Inverters
NSR10621-DHMSAR	MSL2	HMSOP10	Industrial	-40~125	4V	60V	2.5A	Adjustable output	100kHz	2500kHz	100μA	PCM	No	RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/External Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Communication power system, Moto Drives, Inverters
NSR10621-Q1HMSAR	MSL2	HMSOP10	Automotive	-40~125	4V	60V	2.5A	Adjustable output	100kHz	2500kHz	100μA	PCM	No	AEC-Q100 Qualified Grade 1: -40 °C to 125 °C/RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/External Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Automotive power supplies, Communication power system, Moto Drives, Inverters

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OPN	MSL	Package	Rating	Ambient Temperature (°C)	Minimum Input Voltage	Maximum Input Voltage	Maximum Output Current	Output Voltage	Switching frequency min.	Switching frequency max.	Iq Typ.	Control Mode	Spread Spectrum	Features	Application
NSR10630-DHSPR	MSL2	HSOP8	Industrial	-40~125	4V	60V	3.5A	Adjustable output	100kHz	2500kHz	65μA	PCM	No	RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/Internal Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Communication power system, Moto Drives, Inverters
NSR10630-Q1HSPR	MSL2	HSOP8	Automotive	-40~125	4V	60V	3.5A	Adjustable output	100kHz	2500kHz	65μA	PCM	No	AEC-Q100 Qualified Grade 1: -40 °C to 125 °C/RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/Internal Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Automotive power supplies, Communication power system, Moto Drives, Inverters
NSR10631-DHSPR	MSL2	HSOP8	Industrial	-40~125	4V	60V	3.5A	Adjustable output	100kHz	2500kHz	100μA	PCM	No	RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/External Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Communication power system, Moto Drives, Inverters
NSR10631-Q1HSPR	MSL2	HSOP8	Automotive	-40~125	4V	60V	3.5A	Adjustable output	100kHz	2500kHz	100μA	PCM	No	AEC-Q100 Qualified Grade 1: -40 °C to 125 °C/RoHS-compliant package/Integrated 150 mΩ High-Side Power MOSFET/Peak Current Mode Control/±2 % Feedback Reference Voltage/1 μA Shutdown supply current/External Loop Compensation/Full-feature Protection/Spread Spectrum for Reduced EMI	Industrial power supplies, Automotive power supplies, Communication power system, Moto Drives, Inverters
NSR10A01-DMSR	MSL1	MSOP8	Industrial	-40~125	9V	100V	0.5A	Adjustable output	adjustable by Ron resistor	adjustable by Ron resistor	100μA	PCM	No	Integrated 500 mΩ High-Side Power MOSFETs/Adaptive Constant-on-time Control/Adjustable On-time Setting/Precision 2.5 V Feedback Reference Voltage/Adjustable Current Limit Off-time Setting/No Control Loop Compensation Required/Cycle-by-Cycle Current Limit/Over-Voltage ProtectionOver-Temperature Protection	Ebike GPS trackers/dashboards, Photovoltaic energy storage systems, Stepper motors, Electric tools, Drones

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OPN	MSL	Package	Rating	Ambient Temperature (°C)	Minimum Input Voltage	Maximum Input Voltage	Maximum Output Current	Output Voltage	Switching frequency min.	Switching frequency max.	Iq Typ.	Control Mode	Spread Spectrum	Features	Application
NSR10A11-DHSPR	MSL2	HSOP8	Industrial	-40~125	9V	100V	1A	Adjustable output	300 kHz	300 kHz	120μA	PCM	No	Integrated 500 mΩ High-Side Power MOSFETs/Adaptive Constant-on-time Control/1.2 V ± 2.0 % Feedback Reference Voltage/4 ms Internal Soft-start Time/Cycle-by-Cycle Current Limit/Short circuit protection with hiccup mode/Over Voltage Protection/Over Temperature Protection	Ebike GPS trackers/dashboards, Photovoltaic energy storage systems, Stepper motors, Electric tools, Drones
NSR10A12-DHSPR	MSL2	HSOP8	Industrial	-40~125	9V	100V	1A	Adjustable output	300 kHz	300 kHz	120μA	PCM	No	Integrated 500 mΩ High-Side Power MOSFETs/Adaptive Constant-on-time Control/1.2 V ±1.5 % Feedback Reference Voltage/4 ms Internal Soft-start Time/Cycle-by-Cycle Current Limit/Short circuit protection with hiccup mode/Over Voltage Protection/Over Temperature Protection	Ebike GPS trackers/dashboards, Photovoltaic energy storage systems, Stepper motors, Electric tools, Drones
NSR10A21-DHSPR	MSL2	HSOP8	Industrial	-40~125	9V	100V	2A	Adjustable output	300 kHz	300 kHz	120μA	PCM	No	Integrated 500 mΩ High-Side Power MOSFETs/Adaptive Constant-on-time Control/1.2 V ± 2.0 % Feedback Reference Voltage/4 ms Internal Soft-start Time/Cycle-by-Cycle Current Limit/Short circuit protection with hiccup mode/Over Voltage Protection/Over Temperature Protection	Ebike GPS trackers/dashboards, Photovoltaic energy storage systems, Stepper motors, Electric tools, Drones
NSR10A22-DHSPR	MSL1	HSOP8	Industrial	-40~125	9V	100V	2A	Adjustable output	300 kHz	300 kHz	120μA	PCM	No	Integrated 500 mΩ High-Side Power MOSFETs/Adaptive Constant-on-time Control/1.2 V ±1.5 % Feedback Reference Voltage/4 ms Internal Soft-start Time/Cycle-by-Cycle Current Limit/Short circuit protection with hiccup mode/Over Voltage Protection/Over Temperature Protection	Ebike GPS trackers/dashboards, Photovoltaic energy storage systems, Stepper motors, Electric tools, Drones
NSR11020-Q1DALR	MSL1	DFN8	Automotive	-40~125	2.5V	5.5V	2A	Adjustable output	2.4MHz	2.4MHz	520μA	FPWM	No	AEC-Q100 Qualified (Grade 1) for Automotive Applications: -40~125°C, TA/Output Adjustable to a minimum value of 0.6 V/100% Duty On/Output Discharge/External Soft Start (SS) Control/Power-good Function/Integrated Fault Protection:1.Output Over-Voltage Protection (OVP)2.Short-Circuit-to-GND protection3.Thermal Shutdown	Automotive Infotainment, Camera Modules, Battery-powered Devices, Automotive Telematics, Industrial Supplies

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OPN	MSL	Package	Rating	Ambient Temperature (°C)	Minimum Input Voltage	Maximum Input Voltage	Maximum Output Current	Output Voltage	Switching frequency min.	Switching frequency max.	Iq Typ.	Control Mode	Spread Spectrum	Features	Application
NSR11021-Q1DALR	MSL1	DFN8	Automotive	-40~125	2.5V	5.5V	2A	Adjustable output	2.4MHz	2.4MHz	27μA	PFM	No	AEC-Q100 Qualified (Grade 1) for Automotive Applications: -40~125°C, TA/Output Adjustable to a minimum value of 0.6 V/100% Duty On/Output Discharge/External Soft Start (SS) Control/Power-good Function/Integrated Fault Protection:1.Output Over-Voltage Protection (OVP)2.Short-Circuit-to-GND protection3.Thermal Shutdown	Automotive Infotainment, Camera Modules, Battery-powered Devices, Automotive Telematics, Industrial Supplies
NSR11030-Q1DALR	MSL1	DFN8	Automotive	-40~125	2.5V	5.5V	3A	Adjustable output	2.4MHz	2.4MHz	520μA	FPWM	No	AEC-Q100 Qualified (Grade 1) for Automotive Applications: -40~125°C, TA/Output Adjustable to a minimum value of 0.6 V/100% Duty On/Output Discharge/External Soft Start (SS) Control/Power-good Function/Integrated Fault Protection:1.Output Over-Voltage Protection (OVP)2.Short-Circuit-to-GND protection3.Thermal Shutdown	Automotive Infotainment, Camera Modules, Battery-powered Devices, Automotive Telematics, Industrial Supplies
NSR11031-Q1DALR	MSL1	DFN8	Automotive	-40~125	2.5V	5.5V	3A	Adjustable output	2.4MHz	2.4MHz	27μA	PFM	No	AEC-Q100 Qualified (Grade 1) for Automotive Applications: -40~125°C, TA/Output Adjustable to a minimum value of 0.6 V/100% Duty On/Output Discharge/External Soft Start (SS) Control/Power-good Function/Integrated Fault Protection:1.Output Over-Voltage Protection (OVP)2.Short-Circuit-to-GND protection3.Thermal Shutdown	Automotive Infotainment, Camera Modules, Battery-powered Devices, Automotive Telematics, Industrial Supplies
NSR11430A-Q1QAOR	MSL2	QFN14	Automotive	-40~125	3.2V	40V	3.5A	Adjustable output	adjustable by RT resistor from 200kHz to 2.2MHz	adjustable by RT resistor from 200kHz to 2.2MHz	12μA	PFM	No	AEC-Q100 Qualified Grade 1: -40°C to 125°C, TA/6.3A Typical Peak Switching Current Limit/Integrated 59mΩ HS and 29m Ω LS Power MOSFETs/±1.5% Feedback Voltage Accuracy/External Bias Option for Improved Efficiency/Internal Loop Compensation/Adjustable Switching Frequency from 200kHz to 2.2MHz/Frequency Synchronization to External Clock/Parallel Input Path Minimizes Parasitic Inductance/Internal Soft-start/Optional Power-good Function/Cycle-by-cycle Current Limit	Automotive Infotainment, Automotive Body Electronics & Lighting, Building Automation, Factory Automation & Control, Telecom Infrastructure
NSR11430B-Q1QAOR	MSL2	QFN14	Automotive	-40~125	3.2V	40V	3.5A	Adjustable output	adjustable by RT resistor from 200kHz to 2.2MHz	adjustable by RT resistor from 200kHz to 2.2MHz	12μA	PFM	Yes	AEC-Q100 Qualified Grade 1: -40°C to 125°C, TA/6.3A Typical Peak Switching Current Limit/Integrated 59mΩ HS and 29m Ω LS Power MOSFETs/±1.5% Feedback Voltage Accuracy/External Bias Option for Improved Efficiency/Internal Loop Compensation/Adjustable Switching Frequency from 200kHz to 2.2MHz/Frequency Synchronization to External Clock/Parallel Input Path Minimizes Parasitic Inductance/Internal Soft-start/Optional Power-good Function/Cycle-by-cycle Current Limit	Automotive Infotainment, Automotive Body Electronics & Lighting, Building Automation, Factory Automation & Control, Telecom Infrastructure

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OPN	MSL	Package	Rating	Ambient Temperature (°C)	Minimum Input Voltage	Maximum Input Voltage	Maximum Output Current	Output Voltage	Switching frequency min.	Switching frequency max.	Iq Typ.	Control Mode	Spread Spectrum	Features	Application
NSR11430C-Q1QAOR	MSL2	QFN14	Automotive	-40~125	3.2V	40V	3.5A	Adjustable output	adjustable by RT resistor from 200kHz to 2.2MHz	adjustable by RT resistor from 200kHz to 2.2MHz	12μA	FPWM	Yes	AEC-Q100 Qualified Grade 1: -40°C to 125°C, TA/6.3A Typical Peak Switching Current Limit/Integrated 59mΩ HS and 29mΩ LS Power MOSFETs/±1.5% Feedback Voltage Accuracy/External Bias Option for Improved Efficiency/Internal Loop Compensation/Adjustable Switching Frequency from 200kHz to 2.2MHz/Frequency Synchronization to External Clock/Parallel Input Path Minimizes Parasitic Inductance/Internal Soft-start/Optional Power-good Function/Cycle-by-cycle Current Limit	Automotive Infotainment, Automotive Body Electronics & Lighting, Building Automation, Factory Automation & Control, Telecom Infrastructure
NSR11431A-Q1QANR	MSL2	QFN12	Automotive	-40~125	3.2V	40V	3.5A	Adjustable output	400kHz	400kHz	12μA	PFM	No	AEC-Q100 Qualified Grade 1: -40°C to 125°C, TA/6.3A Typical Peak Switching Current Limit/Integrated 59mΩ HS and 29mΩ LS Power MOSFETs/±1.5% Feedback Voltage Accuracy/External Bias Option for Improved Efficiency/Internal Loop Compensation/Parallel Input Path Minimizes Parasitic Inductance/Internal Soft-start/Optional Power-good Function/Cycle-by-cycle Current Limit	Automotive Infotainment, Automotive Body Electronics & Lighting, Building Automation, Factory Automation & Control, Telecom Infrastructure
NSR11431B-Q1QANR	MSL2	QFN12	Automotive	-40~125	3.2V	40V	3.5A	Adjustable output	1.4MHz	1.4MHz	12μA	PFM	No	AEC-Q100 Qualified Grade 1: -40°C to 125°C, TA/6.3A Typical Peak Switching Current Limit/Integrated 59mΩ HS and 29mΩ LS Power MOSFETs/±1.5% Feedback Voltage Accuracy/External Bias Option for Improved Efficiency/Internal Loop Compensation/Parallel Input Path Minimizes Parasitic Inductance/Internal Soft-start/Optional Power-good Function/Cycle-by-cycle Current Limit	Automotive Infotainment, Automotive Body Electronics & Lighting, Building Automation, Factory Automation & Control, Telecom Infrastructure
NSR11431C-Q1QANR	MSL2	QFN12	Automotive	-40~125	3.2V	40V	3.5A	Adjustable output	2.1MHz	2.1MHz	12μA	PFM	No	AEC-Q100 Qualified Grade 1: -40°C to 125°C, TA/6.3A Typical Peak Switching Current Limit/Integrated 59mΩ HS and 29mΩ LS Power MOSFETs/±1.5% Feedback Voltage Accuracy/External Bias Option for Improved Efficiency/Internal Loop Compensation/Parallel Input Path Minimizes Parasitic Inductance/Internal Soft-start/Optional Power-good Function/Cycle-by-cycle Current Limit	Automotive Infotainment, Automotive Body Electronics & Lighting, Building Automation, Factory Automation & Control, Telecom Infrastructure
NSR11440A-Q1QAOR	MSL2	QFN14	Automotive	-40~125	3.2V	40V	4A	Adjustable output	adjustable by RT resistor from 200kHz to 2.2MHz	adjustable by RT resistor	12μA	PFM	No	AEC-Q100 Qualified Grade 1: -40°C to 125°C, TA/6.3A Typical Peak Switching Current Limit/Integrated 57mΩ HS and 27mΩ LS Power MOSFETs/±1.5% Feedback Voltage Accuracy/External Bias Option for Improved Efficiency/Internal Loop Compensation/Adjustable Switching Frequency from 200kHz to 2.2MHz/Frequency Synchronization to External Clock/Parallel Input Path Minimizes Parasitic Inductance/Internal Soft-start/Optional Power-good Function/Cycle-by-cycle Current Limit	Automotive Infotainment, Automotive Body Electronics & Lighting, Building Automation, Factory Automation & Control, Telecom Infrastructure

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OPN	MSL	Package	Rating	Ambient Temperature (°C)	Minimum Input Voltage	Maximum Input Voltage	Maximum Output Current	Output Voltage	Switching frequency min.	Switching frequency max.	Iq Typ.	Control Mode	Spread Spectrum	Features	Application
NSR11440B-Q1QAOR	MSL2	QFN14	Automotive	-40~125	3.2V	40V	4A	Adjustable output	adjustable by RT resistor from 200kHz to 2.2MHz	adjustable by RT resistor	12μA	PFM	Yes	AEC-Q100 Qualified Grade 1: -40°C to 125°C, TA/6.3A Typical Peak Switching Current Limit/Integrated 57mΩ HS and 27mΩ LS Power MOSFETs/±1.5% Feedback Voltage Accuracy/External Bias Option for Improved Efficiency/Internal Loop Compensation/Adjustable Switching Frequency from 200kHz to 2.2MHz/Frequency Synchronization to External Clock/Parallel Input Path Minimizes Parasitic Inductance/Internal Soft-start/Optional Power-good Function/Cycle-by-cycle Current Limit	Automotive Infotainment, Automotive Body Electronics & Lighting, Building Automation, Factory Automation & Control, Telecom Infrastructure
NSR11440C-Q1QAOR	MSL2	QFN14	Automotive	-40~125	3.2V	40V	4A	Adjustable output	adjustable by RT resistor from 200kHz to 2.2MHz	adjustable by RT resistor	12μA	FPWM	Yes	AEC-Q100 Qualified Grade 1: -40°C to 125°C, TA/6.3A Typical Peak Switching Current Limit/Integrated 57mΩ HS and 27mΩ LS Power MOSFETs/±1.5% Feedback Voltage Accuracy/External Bias Option for Improved Efficiency/Internal Loop Compensation/Adjustable Switching Frequency from 200kHz to 2.2MHz/Frequency Synchronization to External Clock/Parallel Input Path Minimizes Parasitic Inductance/Internal Soft-start/Optional Power-good Function/Cycle-by-cycle Current Limit	Automotive Infotainment, Automotive Body Electronics & Lighting, Building Automation, Factory Automation & Control, Telecom Infrastructure

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低压 ≤7V LDO

OPN	MSL	Package	Rating	Ambient Temperature(°C)	Number of Channels	Minimum Input Voltage	Maximum Input Voltage	Output Current	Output Voltage	Iq typ.	Features	Application
NSR30001-Q1DAER	MSL1	DFN8	Automotive	-40~125	1CH	2.5V	5.5V	1A	Adjustable output	111μA	Short circuit protection，Overheat protection，Current Limit Foldback，Soft start	Advanced Driving Assistance System，Automotive Infotainment，Telematics control units，High-Speed I/F，Automotive Cluster Display
NSR30101-Q1DABR	MSL1	DFN6	Automotive	-40~125	1CH	2.5V	5.5V	1A	Adjustable output	111μA	Short circuit protection，Overheat protection，Current Limit Foldback，With PG，Soft start	Advanced Driving Assistance System，Automotive Infotainment，Telematics control units，High-Speed I/F，Automotive Cluster Display
NSR30102-Q1DABR	MSL1	DFN6	Automotive	-40~125	1CH	2.5V	5.5V	0.5A	Adjustable output	111μA	Short circuit protection，Overheat protection，Current Limit Foldback，With PG，Soft start	Advanced Driving Assistance System，Automotive Infotainment，Telematics control units，High-Speed I/F，Automotive Cluster Display
NSR30201-Q1DABR	MSL1	DFN6	Automotive	-40~125	1CH	2.5V	5.5V	1A	Adjustable output	111μA	Short circuit protection，Overheat protection，Current Limit Foldback，With PG，Soft start	Advanced Driving Assistance System，Automotive Infotainment，Telematics control units，High-Speed I/F，Automotive Cluster Display
NSR30202-Q1DABR	MSL1	DFN6	Automotive	-40~125	1CH	2.5V	5.5V	0.5A	Adjustable output	111μA	Short circuit protection，Overheat protection，Current Limit Foldback，With PG，Soft start	Advanced Driving Assistance System，Automotive Infotainment，Telematics control units，High-Speed I/F，Automotive Cluster Display
NSR30301-Q1DAER	MSL1	DFN8	Automotive	-40~125	1CH	2.5V	5.5V	1A	Adjustable output	111μA	Short circuit protection，Overheat protection，Current Limit Foldback，With PG，Soft start	Advanced Driving Assistance System，Automotive Infotainment，Telematics control units，High-Speed I/F，Automotive Cluster Display
NSR30302-Q1DAER	MSL1	DFN8	Automotive	-40~125	1CH	2.5V	5.5V	0.5A	Adjustable output	111μA	Short circuit protection，Overheat protection，Current Limit Foldback，With PG，Soft start	Advanced Driving Assistance System，Automotive Infotainment，Telematics control units，High-Speed I/F，Automotive Cluster Display
NSR30401-Q1DAER	MSL1	DFN8	Automotive	-40~125	1CH	2.5V	5.5V	1A	Adjustable output	111μA	Short circuit protection，Overheat protection，Current Limit Foldback，With PG，Soft start	Advanced Driving Assistance System，Automotive Infotainment，Telematics control units，High-Speed I/F，Automotive Cluster Display
NSR30501-Q1DAER	MSL1	DFN8	Automotive	-40~125	1CH	2.5V	5.5V	1A	Adjustable output	111μA	Short circuit protection，Overheat protection，Noise Reduction，Current Limit Foldback	Advanced Driving Assistance System，Automotive Infotainment，Telematics control units，High-Speed I/F，Automotive Cluster Display
NSR30601-Q1DAER	MSL1	DFN8	Automotive	-40~125	1CH	2.5V	5.5V	1A	Adjustable output	111μA	Short circuit protection，Overheat protection，Noise Reduction，Current Limit Foldback	Advanced Driving Assistance System，Automotive Infotainment，Telematics control units，High-Speed I/F，Automotive Cluster Display

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中高压 >10V LDO

OPN	MSL	Package	Rating	Ambient Temperature (°C)	Number of Channels	Minimum Input Voltage	Maximum Input Voltage	Output Current	Output Voltage	Iq typ.	Features	Application
NSR31033-QDNR	MSL1	DFN8	Automotive	-40~125	1CH	3V	40V	150mA	Fixed output: 3.3V	5μA	Low Dropout Voltage: 620 mV @ 150 mA / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (2.2 μF – 100 μF)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR31033-QSTAR	MSL3	SOT23-5L	Automotive	-40~125	1CH	3V	40V	150mA	Fixed output: 3.3V	5μA	Low Dropout Voltage: 620 mV @ 150 mA / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (2.2 μF – 100 μF)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR31033-QSTBR	MSL3	SOT223	Automotive	-40~125	1CH	3V	40V	150mA	Fixed output: 3.3V	5μA	Low Dropout Voltage: 620 mV @ 150 mA / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (2.2 μF – 100 μF)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR31050-QDNR	MSL1	DFN8	Automotive	-40~125	1CH	3V	40V	150mA	Fixed output: 5V	5μA	Low Dropout Voltage: 620 mV @ 150 mA / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (2.2 μF – 100 μF)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR31050-QSTAR	MSL3	SOT23-5L	Automotive	-40~125	1CH	3V	40V	150mA	Fixed output: 5V	5μA	Low Dropout Voltage: 620 mV @ 150 mA / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (2.2 μF – 100 μF)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR31050-QSTBR	MSL3	SOT223	Automotive	-40~125	1CH	3V	40V	150mA	Fixed output: 5V	5μA	Low Dropout Voltage: 620 mV @ 150 mA / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (2.2 μF – 100 μF)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR31133-QSTAR	MSL3	SOT23-5L	Automotive	-40~125	1CH	3V	40V	150mA	Fixed output: 3.3V	5μA	Low Dropout Voltage: 620 mV @ 150 mA / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (2.2 μF – 100 μF)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR31150-QSTAR	MSL3	SOT23-5L	Automotive	-40~125	1CH	3V	40V	150mA	Adjustable output: 0.65V~18V	5μA	Low Dropout Voltage: 620 mV @ 150 mA / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (2.2 μF – 100 μF)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR33001-QHMSR	MSL3	HMSOP8	Automotive	-40~125	1CH	3V	40V	300mA	Fixed output: 3.3V	5μA	Low Dropout Voltage: 320 mV at 300 mA Load / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (1 μF – 200 μF)/Integrated Power-On-Reset with Adjustable Delay Time (NSR331 series Only)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR33033-QHMSR	MSL3	HMSOP8	Automotive	-40~125	1CH	3V	40V	300mA	Fixed output: 5V	5μA	Low Dropout Voltage: 320 mV at 300 mA Load / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (1 μF – 200 μF)/Integrated Power-On-Reset with Adjustable Delay Time (NSR331 series Only)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR33050-QHMSR	MSL3	HMSOP8	Automotive	-40~125	1CH	3V	40V	300mA	Adjustable output: 0.65V~18V	5μA	Low Dropout Voltage: 320 mV at 300 mA Load / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (1 μF – 200 μF)/Integrated Power-On-Reset with Adjustable Delay Time (NSR331 series Only)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS

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OPN	MSL	Package	Rating	Ambient Temperature (°C)	Number of Channels	Minimum Input Voltage	Maximum Input Voltage	Output Current	Output Voltage	Iq typ.	Features	Application
NSR33101-QHMSR	MSL3	HMSOP8	Automotive	-40~125	1CH	3V	40V	300mA	Adjustable output: 0.65V~18V	5μA	Low Dropout Voltage: 320 mV at 300 mA Load / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (1 μF – 200 μF)/Integrated Power-On-Reset with Adjustable Delay Time (NSR331 series Only)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR33133-QHMSR	MSL3	HMSOP8	Automotive	-40~125	1CH	3V	40V	300mA	Fixed output: 3.3V	5μA	Low Dropout Voltage: 320 mV at 300 mA Load / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (1 μF – 200 μF)/Integrated Power-On-Reset with Adjustable Delay Time (NSR331 series Only)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR33150-QHMSR	MSL3	HMSOP8	Automotive	-40~125	1CH	3V	40V	300mA	Fixed output: 5V	5μA	Low Dropout Voltage: 320 mV at 300 mA Load / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (1 μF – 200 μF)/Integrated Power-On-Reset with Adjustable Delay Time (NSR331 series Only)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR33201-QHSPR	MSL3	HSOP8	Automotive	-40~125	1CH	3V	40V	300mA	Adjustable output: 0.65V~18V	5μA	Low Dropout Voltage: 320 mV at 300 mA Load / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (1 μF – 200 μF)/Integrated Power-On-Reset with Adjustable Delay Time (NSR331 series Only)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR33233-QHSPR	MSL3	HSOP8	Automotive	-40~125	1CH	3V	40V	300mA	Fixed output: 3.3V	5μA	Low Dropout Voltage: 320 mV at 300 mA Load / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (1 μF – 200 μF)/Integrated Power-On-Reset with Adjustable Delay Time (NSR331 series Only)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR33250-QHSPR	MSL3	HSOP8	Automotive	-40~125	1CH	3V	40V	300mA	Fixed output: 5V	5μA	Low Dropout Voltage: 320 mV at 300 mA Load / 5 V Vout/Low ESR Ceramic Output Stability Capacitor (1 μF – 200 μF)/Integrated Power-On-Reset with Adjustable Delay Time (NSR331 series Only)/Short-Circuit-to-GND protection/Thermal Shutdown/RoHs & REACH compliance	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR35001-QTOAR	MSL3	TO-252-5L	Automotive	-40~125	1CH	3V	40V	500mA	Adjustable output: 0.65V~18V	5μA	Low Dropout Voltage: 560mV Typical at 500mA Load/Low ESR Ceramic Output Stability Capacitor (1μF – 200μF)/Short-Circuit-to-GND protection/Thermal Shutdown	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR35001-QTOBR	MSL3	TO263-5L	Automotive	-40~125	1CH	3V	40V	500mA	Adjustable output: 0.65V~18V	5μA	Low Dropout Voltage: 560mV Typical at 500mA Load/Low ESR Ceramic Output Stability Capacitor (1μF – 200μF)/Short-Circuit-to-GND protection/Thermal Shutdown	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR35033-QTOAR	MSL3	TO-252-5L	Automotive	-40~125	1CH	3V	40V	500mA	Fixed output: 3.3V	5μA	Low Dropout Voltage: 560mV Typical at 500mA Load/Low ESR Ceramic Output Stability Capacitor (1μF – 200μF)/Short-Circuit-to-GND protection/Thermal Shutdown	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR35050-QTOAR	MSL3	TO-252-5L	Automotive	-40~125	1CH	3V	40V	500mA	Fixed output: 5V	5μA	Low Dropout Voltage: 560mV Typical at 500mA Load/Low ESR Ceramic Output Stability Capacitor (1μF – 200μF)/Short-Circuit-to-GND protection/Thermal Shutdown	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR35133-QTOAR	MSL3	TO252-3L	Automotive	-40~125	1CH	3V	40V	500mA	Fixed output: 3.3V	5μA	Low Dropout Voltage: 560mV Typical at 500mA Load/Low ESR Ceramic Output Stability Capacitor (1μF – 200μF)/Short-Circuit-to-GND protection/Thermal Shutdown	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS

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中高压 >10V LDO

OPN	MSL	Package	Rating	Ambient Temperature (°C)	Number of Channels	Minimum Input Voltage	Maximum Input Voltage	Output Current	Output Voltage	Iq typ.	Features	Application
NSR35150-QTOAR	MSL3	TO252-3L	Automotive	-40~125	1CH	3V	40V	500mA	Fixed output: 5V	5μA	Low Dropout Voltage: 560mV Typical at 500mA Load/Low ESR Ceramic Output Stability Capacitor (1μF – 200μF)/Short-Circuit-to-GND protection/Thermal Shutdown	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR35201-QTOBR	MSL3	TO263-5L	Automotive	-40~125	1CH	3V	40V	500mA	Adjustable output: 0.65V~18V	5μA	Low Dropout Voltage: 560mV Typical at 500mA Load/Low ESR Ceramic Output Stability Capacitor (1μF – 200μF)/Short-Circuit-to-GND protection/Thermal Shutdown	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR35233-QTOBR	MSL3	TO263-5L	Automotive	-40~125	1CH	3V	40V	500mA	Fixed output: 3.3V	5μA	Low Dropout Voltage: 560mV Typical at 500mA Load/Low ESR Ceramic Output Stability Capacitor (1μF – 200μF)/Short-Circuit-to-GND protection/Thermal Shutdown	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR35250-QTOBR	MSL3	TO263-5L	Automotive	-40~125	1CH	3V	40V	500mA	Fixed output: 5V	5μA	Low Dropout Voltage: 560mV Typical at 500mA Load/Low ESR Ceramic Output Stability Capacitor (1μF – 200μF)/Short-Circuit-to-GND protection/Thermal Shutdown	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR35301-QHSPR	MSL3	HSOP8	Automotive	-40~125	1CH	3V	40V	500mA	Adjustable output: 0.65V~18V	5μA	Low Dropout Voltage: 560mV Typical at 500mA Load/Low ESR Ceramic Output Stability Capacitor (1μF – 200μF)/Short-Circuit-to-GND protection/Thermal Shutdown	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR35333-QHSPR	MSL3	HSOP8	Automotive	-40~125	1CH	3V	40V	500mA	Fixed output: 3.3V	5μA	Low Dropout Voltage: 560mV Typical at 500mA Load/Low ESR Ceramic Output Stability Capacitor (1μF – 200μF)/Short-Circuit-to-GND protection/Thermal Shutdown	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR35350-QHSPR	MSL3	HSOP8	Automotive	-40~125	1CH	3V	40V	500mA	Fixed output: 5V	5μA	Low Dropout Voltage: 560mV Typical at 500mA Load/Low ESR Ceramic Output Stability Capacitor (1μF – 200μF)/Short-Circuit-to-GND protection/Thermal Shutdown	In-vehicle entertainment and autopilot, Body electronics and lighting, Inverter and motor control, OBC/DCDC and BMS
NSR37033-Q1HTSPR	MSL3	HTSSOP16	Automotive	-40~125	1CH	4V	40V	300mA	Fixed output: 3.3V	15μA	Enable/Power normal state indication PG/Current limiting protection/Over-temperature protection/Integrated watchdog	Automotive MCU Power Supply, Body Control Modules (BCM), Electronic Gear Shifter, Transmission Control Unit (TCU)
NSR37050-Q1HTSPR	MSL3	HTSSOP16	Automotive	-40~125	1CH	4V	40V	300mA	Fixed output: 5V	15μA	Enable/Power normal state indication PG/Current limiting protection/Over-temperature protection/Integrated watchdog	Automotive MCU Power Supply, Body Control Modules (BCM), Electronic Gear Shifter, Transmission Control Unit (TCU)
NSR37133-Q1HTSR	MSL3	HTSSOP28	Automotive	-40~125	1CH	4V	40V	500mA	Fixed output: 3.3V	15μA	Enable/Power normal state indication PG/Current limiting protection/Over-temperature protection/Integrated watchdog	Automotive MCU Power Supply, Body Control Modules (BCM), Electronic Gear Shifter, Transmission Control Unit (TCU)
NSR37150-Q1HTSR	MSL3	HTSSOP28	Automotive	-40~125	1CH	4V	40V	500mA	Fixed output: 5V	15μA	Enable/Power normal state indication PG/Current limiting protection/Over-temperature protection/Integrated watchdog	Automotive MCU Power Supply, Body Control Modules (BCM), Electronic Gear Shifter, Transmission Control Unit (TCU)

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线性LED驱动(数字接口)

OPN	MSL	Package	Rating	Ambient Temperature(°C)	Number of Channels	LED Supply Voltage Max.	Output Channel Current Max.	Communication Interface	Dimming	Integrated NVM (EEPROM,OTP...)	Integrated ADC	Function Safety	Heat Dissipation Enhancement	Application
NSL21912-Q1HTSXR	MSL3	HTSSOP24	Automotive	-40~125	12CH	20V	100mA	UART	Analog & PWM	EEPROM	8-Bit ADC for pin voltage measurement	QM	Automatic current sharing via VS shunt resistor	Automotive rear lighting; Automotive exterior lighting; General automotive body lighting applications
NSL21912FS-Q1HTSXR	MSL3	HTSSOP24	Automotive	-40~125	12CH	20V	100mA	UART	Analog & PWM	EEPROM	8-Bit ADC for pin voltage measurement	ASIL-B	Automatic current sharing via VS shunt resistor	Automotive rear lighting; Automotive exterior lighting; General automotive body lighting applications
NSL21916-Q1HTSAR	MSL3	HTSSOP38	Automotive	-40~125	16CH	20V / 40V for VBAT Supply	100mA	UART	Analog & PWM	EEPROM	8-Bit ADC for pin voltage measurement	QM	Automatic current sharing via VS shunt resistor	Automotive rear lighting; Automotive exterior lighting; Automotive ISD/ISC application; General automotive body lighting applications
NSL21916FS-Q1HTSAR	MSL3	HTSSOP38	Automotive	-40~125	16CH	20V / 40V for VBAT Supply	100mA	UART	Analog & PWM	EEPROM	8-Bit ADC for pin voltage measurement	ASIL-B	Automatic current sharing via VS shunt resistor	Automotive rear lighting; Automotive exterior lighting; Automotive ISD/ISC application; General automotive body lighting applications
NSL21924-Q1HTSAR	MSL3	HTSSOP38	Automotive	-40~125	24CH	20V / 40V for VBAT Supply	100mA	UART	Analog & PWM	EEPROM	8-Bit ADC for pin voltage measurement	QM	Automatic current sharing via VS shunt resistor	Automotive rear lighting; Automotive exterior lighting; Automotive ISD/ISC application; General automotive body lighting applications
NSL21924FS-Q1HTSAR	MSL3	HTSSOP38	Automotive	-40~125	24CH	20V / 40V for VBAT Supply	100mA	UART	Analog & PWM	EEPROM	8-Bit ADC for pin voltage measurement	ASIL-B	Automatic current sharing via VS shunt resistor	Automotive rear lighting; Automotive exterior lighting; Automotive ISD/ISC application; General automotive body lighting applications
NSL237161A-Q1QAMR	MSL3	QFN32 5*6	Automotive	-40~125	16CH	20V	100mA	CAN PHY	PWM	OTP	No	QM	Configurable thermal derating	Automotive rear lighting; Automotive exterior lighting; General automotive body lighting applications
NSL23716A-Q1QAMR	MSL3	QFN32 5*6	Automotive	-40~125	16CH	20V	100mA	CAN PHY	PWM	OTP	No	QM	Configurable thermal derating	Automotive rear lighting; Automotive exterior lighting; General automotive body lighting applications
NSL23716C-Q1QALR	MSL3	QFN32 4*4	Automotive	-40~125	16CH	20V	100mA	CAN PHY	PWM	OTP	No	QM	Configurable thermal derating	Automotive rear lighting; Automotive exterior lighting; General automotive body lighting applications
NSL23716C-Q1QAMR	MSL3	QFN32 5*6	Automotive	-40~125	16CH	20V	100mA	CAN PHY	PWM	OTP	No	QM	Configurable thermal derating	Automotive rear lighting; Automotive exterior lighting; General automotive body lighting applications
NSL23716D-Q1QALR	MSL3	QFN32 4*4	Automotive	-40~125	16CH	20V	100mA	UART	PWM	OTP	No	QM	Configurable thermal derating	Automotive rear lighting; Automotive exterior lighting; General automotive body lighting applications
NSL23716D-Q1QAMR	MSL3	QFN32 5*6	Automotive	-40~125	16CH	20V	100mA	UART	PWM	OTP	No	QM	Configurable thermal derating	Automotive rear lighting; Automotive exterior lighting; General automotive body lighting applications

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线性LED驱动(硬线接口)

OPN	MSL	Package	Rating	Ambient Temperature(°C)	Number of Channels	LED Supply Voltage Max.	Output Channel Current Max.	Communication Interface	Dimming	Diagnosis and Protection	Fail Safe	Function Safety	Heat Dissipation Enhancement	Application
NSL21610-Q1HMSR	MSL3	HMSOP8	Automotive	-40~125	1CH	40V	450mA	Hardware	PWM	Open circuit diagnosis; Short circuit diagnosis; Over-temperature protection	one fail all fail(OFAF) or one fail others on(OFOO), configured by peripheral circuit	QM	Automatic current sharing via shunt resitor	Rear lighting; Interior lightiing; Other body lighting
NSL21611-Q1HMSR	MSL3	HMSOP8	Automotive	-40~125	1CH	40V	300mA	Hardware	PWM	Open circuit diagnosis; Short circuit diagnosis; Over-temperature protection	OFAF or OFOO configured by peripheral circuit	QM	None	Rear lighting; Interior lightiing; Other body lighting
NSL21630-Q1HTPR	MSL3	HTSSOP16	Automotive	-40~125	3CH	40V	200mA	Hardware	PWM	Open circuit diagnosis; Short circuit diagnosis; Over-temperature protection	OFAF or OFOO configured by peripheral circuit	QM	Automatic current sharing via shunt resitors	Rear lighting; Interior lightiing; Other body lighting
NSL21631-Q1HTPR	MSL3	HTSSOP16	Automotive	-40~125	3CH	40V	200mA	Hardware	PWM	Open circuit diagnosis; Short circuit diagnosis; Over-temperature protection	OFAF or OFOO configured by peripheral circuit	QM	Automatic current sharing via shunt resitors	Rear lighting; Interior lightiing; Other body lighting

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定频PWM控制器

OPN	MSL	Package	Rating	Ambient Temperature(°C)	Regulation	Switching Frequency	VCC Max.	VCC UVLO ON Typ.	VCC UVLO OFF Typ.	Soft-start	Start-up Current Max.	Iq Typ.	Max Duty	Spread Spectrum	Overload Protection	Topology
NSR22401-Q1MSR	MSL1	MSOP8	Automotive	-40~125	SSR/PSR	70kHz~1MHz	44V	3.42V	3.25V	4ms	/	2.5mA	85%	/	Fsw reduced	Boost, Flyback, SEPIC
NSR22402-Q1MSJR	MSL1	MSOP10	Automotive	-40~125	SSR/PSR	70kHz~1MHz	44V	3.42V	3.25V	15ms	/	2.5mA	85%	/	Fsw reduced	Boost, Flyback, SEPIC
NSR22601-Q1DBAR	MSL3	DFN12-WF	Automotive	-40~125	SSR/PSR	100kHz~1MHz	50V	1.5V	1.45V	SS pin	/	0.323mA	87%	/	Cycle-by-cycle	Boost, Flyback, SEPIC
NSR22602-Q1DBAR	MSL3	DFN12-WF	Automotive	-40~125	SSR/PSR	100kHz~1MHz	50V	1.5V	1.45V	SS pin	/	0.323mA	87%	/	Hiccup mode	Boost, Flyback, SEPIC
NSR22603-Q1DBAR	MSL3	DFN12-WF	Automotive	-40~125	SSR/PSR	100kHz~1MHz	50V	1.5V	1.45V	SS pin	/	0.323mA	87%	Yes	Cycle-by-cycle	Boost, Flyback, SEPIC
NSR22604-Q1DBAR	MSL3	DFN12-WF	Automotive	-40~125	SSR/PSR	100kHz~1MHz	50V	1.5V	1.45V	SS pin	/	0.323mA	87%	Yes	Hiccup mode	Boost, Flyback, SEPIC
NSR22605-Q1HTSKR	MSL3	HTSSOP14	Automotive	-40~125	SSR/PSR	100kHz~1MHz	50V	1.5V	1.45V	SS pin	/	0.323mA	87%	Yes	Cycle-by-cycle	Boost, Flyback, SEPIC
NSR22606-Q1HTSKR	MSL3	HTSSOP14	Automotive	-40~125	SSR/PSR	100kHz~1MHz	50V	1.5V	1.45V	SS pin	/	0.323mA	87%	Yes	Hiccup mode	Boost, Flyback, SEPIC
NSR2842-DSPR	MSL1	SOP8	Industrial	-40~125	SSR/PSR	20kHz~500kHz	20V	15.5V	9.5V	/	0.5mA	1mA	100%	/	/	Boost, Flyback, SEPIC
NSR2843-DSPR	MSL1	SOP8	Industrial	-40~125	SSR/PSR	20kHz~500kHz	20V	8.2V	7.5V	/	0.5mA	1mA	100%	/	/	Boost, Flyback, SEPIC
NSR2844-DSPR	MSL1	SOP8	Industrial	-40~125	SSR/PSR	20kHz~500kHz	20V	15.5V	9.5V	/	0.5mA	1mA	50%	/	/	Boost, Flyback, SEPIC
NSR2845-DSPR	MSL1	SOP8	Industrial	-40~125	SSR/PSR	20kHz~500kHz	20V	8.2V	7.5V	/	0.5mA	1mA	50%	/	/	Boost, Flyback, SEPIC
NSR28C42-DSPR	MSL1	SOP8	Industrial	-40~125	SSR/PSR	20kHz~500kHz	20V	15.5V	9.5V	/	0.1mA	1mA	100%	/	/	Boost, Flyback, SEPIC
NSR28C43-DSPR	MSL1	SOP8	Industrial	-40~125	SSR/PSR	20kHz~500kHz	20V	8.2V	7.5V	/	0.1mA	1mA	100%	/	/	Boost, Flyback, SEPIC
NSR28C44-DSPR	MSL1	SOP8	Industrial	-40~125	SSR/PSR	20kHz~500kHz	20V	15.5V	9.5V	/	0.1mA	1mA	50%	/	/	Boost, Flyback, SEPIC
NSR28C45-DSPR	MSL1	SOP8	Industrial	-40~125	SSR/PSR	20kHz~500kHz	20V	8.2V	7.5V	/	0.1mA	1mA	50%	/	/	Boost, Flyback, SEPIC

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NS800RT1系列

OPN	Rating	Package	CPU	Coprocessor	Frequency(MHz)	Prog Flash	ePWM (ch)	HRPWM (ch)	12bit ADC-unit	12bit ADC-Conversion Rate (sps)	12bit ADC-Channels	Temperature Range (°C)
NS800RT1025-DQFCY2	Industrial	LQFP80	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	15	-40~125
NS800RT1025-DQFEY2	Industrial	LQFP64	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	15	-40~125
NS800RT1025-DQFFY2	Industrial	LQFP48	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	13	-40~125
NS800RT1025-Q1HQFCY	Automotive	HLQFP80	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	15	-40~125
NS800RT1025-Q1HQFEY	Automotive	HLQFP64	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	15	-40~125
NS800RT1025-Q1HQFFY	Automotive	HLQFP48	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	13	-40~125
NS800RT1035-DQFCY2	Industrial	LQFP80	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	15	-40~125
NS800RT1035-DQFEY2	Industrial	LQFP64	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	13	-40~125
NS800RT1035-Q1HQFCY	Automotive	HLQFP80	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	15	-40~125
NS800RT1035-Q1HQFEY	Automotive	HLQFP64	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	13	-40~125
NS800RT1135-DQFEY2	Industrial	LQFP64	Cortex-M7	mMATH	200	128KB, ECC	14	2	2	4.375M	20	-40~125
NS800RT1135-DQFFY2	Industrial	LQFP48	Cortex-M7	mMATH	200	128KB, ECC	14	2	2	4.375M	16	-40~125
NS800RT1135-DQNFY2	Industrial	QFN48	Cortex-M7	mMATH	200	128KB, ECC	14	2	2	4.375M	16	-40~125
NS800RT1135-DQNGY2	Industrial	QFN32	Cortex-M7	mMATH	200	128KB, ECC	14	2	2	4.375M	10	-40~125
NS800RT1137-DQFEY2	Industrial	LQFP64	Cortex-M7	mMATH	200	256KB, ECC	14	2	2	4.375M	20	-40~125
NS800RT1137-DQFFY2	Industrial	LQFP48	Cortex-M7	mMATH	200	256KB, ECC	14	2	2	4.375M	16	-40~125

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https://www.novosns.com/ns800rt1

NS800RT1系列

OPN	Rating	Package	CPU	Coprocessor	Frequency(MHz)	Prog Flash	ePWM (ch)	HRPWM (ch)	12bit ADC-unit	12bit ADC-Conversion Rate (sps)	12bit ADC-Channels	Temperature Range (°C)
NS800RT1137-DQNFY2	Industrial	QFN48	Cortex-M7	mMATH	200	256KB, ECC	14	2	2	4.375M	16	-40~125
NS800RT1137-DQNGY2	Industrial	QFN32	Cortex-M7	mMATH	200	256KB, ECC	14	2	2	4.375M	10	-40~125
NS800RT1155-Q1HQFCY	Automotive	HLQFP80	Cortex-M7	mMATH	200	128KB, ECC	14	4	2	4.375M	20	-40~125
NS800RT1155-Q1HQFEY	Automotive	HLQFP64	Cortex-M7	mMATH	200	128KB, ECC	14	4	2	4.375M	20	-40~125
NS800RT1155-Q1HQFFY	Automotive	HLQFP48	Cortex-M7	mMATH	200	128KB, ECC	14	4	2	4.375M	17	-40~125
NS800RT1155-Q1QNGY	Automotive	QFN32	Cortex-M7	mMATH	200	128KB, ECC	14	4	2	4.375M	10	-40~125
NS800RT1157-DQFCY2	Industrial	LQFP80	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	17	-40~125
NS800RT1157-DQFEY2	Industrial	LQFP64	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	20	-40~125
NS800RT1157-DQFFY2	Industrial	LQFP48	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	20	-40~125
NS800RT1157-DQNGY2	Industrial	QFN32	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	10	-40~125
NS800RT1157-Q1HQFCY	Automotive	HLQFP80	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	20	-40~125
NS800RT1157-Q1HQFEY	Automotive	HLQFP64	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	20	-40~125
NS800RT1157-Q1HQFFY	Automotive	HLQFP48	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	17	-40~125
NS800RT1157-Q1QNGY	Automotive	QFN32	Cortex-M7	mMATH	200	256KB, ECC	14	4	2	4.375M	10	-40~125

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https://www.novosns.com/ns800rt3

NS800RT3系列

OPN	Rating	Package	CPU	Coprocessor	Frequency(MHz)	Prog Flash	ePWM (ch)	HRPWM (ch)	12bit ADC-unit	12bit ADC-Conversion Rate (sps)	12bit ADC-Channels	Temperature Range (°C)
NS800RT3025-DQFCY2	Industrial	LQFP80	Cortex-M7	eMATH	200	256KB, ECC	30	16	2	4.375	16	-40~125
NS800RT3025-DQFEY2	Industrial	LQFP64	Cortex-M7	eMATH	200	256KB, ECC	23	16	2	4.375	16	-40~125
NS800RT3025-DQFFY2	Industrial	LQFP48	Cortex-M7	eMATH	200	256KB, ECC	19	16	2	4.375	14	-40~125
NS800RT3025-Q1HQFEY	Automotive	HLQFP64	Cortex-M7	eMATH	200	256KB, ECC	23	16	2	4.375	16	-40~125
NS800RT3025-Q1HQFFY	Automotive	HLQFP48	Cortex-M7	eMATH	200	256KB, ECC	19	16	2	4.375	14	-40~125

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NS800RT5系列

OPN	Rating	Package	CPU	Coprocessor	Frequency(MHz)	Prog Flash	ePWM (ch)	HRPWM (ch)	12bit ADC-unit	12bit ADC-Conversion Rate (sps)	12bit ADC-Channels	Temperature Range (°C)
NS800RT5037-DQFBY2	Industrial	LQFP100	Cortex-M7	eMATH	260	256KB, ECC	32	16	3	4.375	25	-40~125
NS800RT5037-DQFCY2	Industrial	LQFP80	Cortex-M7	eMATH	260	256KB, ECC	30	16	3	4.375	18	-40~125

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https://www.novosns.com/ns800rt5

NS800RT5系列

OPN	Rating	Package	CPU	Coprocessor	Frequency(MHz)	Prog Flash	ePWM (ch)	HRPWM (ch)	12bit ADC-unit	12bit ADC-Conversion Rate (sps)	12bit ADC-Channels	Temperature Range (°C)
NS800RT5037-DQFEY2	Industrial	LQFP64	Cortex-M7	eMATH	260	256KB, ECC	23	16	3	4.375	16	-40~125
NS800RT5037-DQFFY2	Industrial	LQFP48	Cortex-M7	eMATH	260	256KB, ECC	19	16	3	4.375	14	-40~125
NS800RT5037-Q1HQFBY	Automotive	HLQFP100	Cortex-M7	eMATH	240	256KB, ECC	32	16	3	4.375	25	-40~125
NS800RT5037-Q1HQFEY	Automotive	HLQFP64	Cortex-M7	eMATH	240	256KB, ECC	23	16	3	4.375	16	-40~125
NS800RT5039-DQFAY2	Industrial	LQFP128	Cortex-M7	eMATH	260	512KB, ECC	32	16	3	4.375	32	-40~125
NS800RT5039-DQFBY2	Industrial	LQFP100	Cortex-M7	eMATH	260	512KB, ECC	32	16	3	4.375	25	-40~125
NS800RT5039-DQFCY2	Industrial	LQFP80	Cortex-M7	eMATH	260	512KB, ECC	30	16	3	4.375	18	-40~125
NS800RT5039-DQFEY2	Industrial	LQFP64	Cortex-M7	eMATH	260	512KB, ECC	23	16	3	4.375	16	-40~125
NS800RT5039-Q1HQFBY	Automotive	HLQFP100	Cortex-M7	eMATH	240	512KB, ECC	32	16	3	4.375	25	-40~125
NS800RT5039-Q1HQFEY	Automotive	HLQFP64	Cortex-M7	eMATH	240	512KB, ECC	23	16	3	4.375	16	-40~125
NS800RT5049-DQFBY2	Industrial	LQFP100	Cortex-M7	eMATH	260	512KB, ECC	32	16	3	4.375	29	-40~125
NS800RT5049-DQFEY2	Industrial	LQFP64	Cortex-M7	eMATH	260	512KB, ECC	23	16	3	4.375	16	-40~125
NS800RT5049-Q1HQFBY	Automotive	HLQFP100	Cortex-M7	eMATH	240	512KB, ECC	32	16	3	4.375	29	-40~125
NS800RT5049-Q1HQFEY	Automotive	HLQFP64	Cortex-M7	eMATH	240	512KB, ECC	23	16	3	4.375	16	-40~125
NS800RT5075-DHQFBY2	Industrial	HLQFP100	Cortex-M7	eMATH+mMATH	300	1024KB, ECC, Dual-bank	15	16	2	4.375	14	-40~125
NS800RT5075-DHQFOY2	Industrial	HLQFP176	Cortex-M7	eMATH+mMATH	300	1024KB, ECC, Dual-bank	24	16	3	4.375	24	-40~125

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https://www.novosns.com/ns800rt7

NS800RT7系列

OPN	Rating	Package	CPU	Coprocessor	Frequency(MHz)	Prog Flash	ePWM (ch)	HRPWM (ch)	12bit ADC-unit	12bit ADC-Conversion Rate (sps)	12bit ADC-Channels	Temperature Range (°C)
NS800RT7374D-DHQFOY2	Industrial	HLQFP176	Cortex-M7 x 2	eMATH+ mMATH(x2)	400	512KB, ECC	24	16	4	4.375	24	-40~125
NS800RT7374H-DHQFOY2	Industrial	HLQFP176	Cortex-M7 x 2	eMATH+ mMATH(x2)	400	512KB, ECC	36	32	4	4.375	24	-40~125
NS800RT7374S-DHQFBY2	Industrial	HLQFP100	Cortex-M7	eMATH+ mMATH	400	512KB, ECC	24	16	2	4.375	14	-40~125
NS800RT7374S-DHQFOY2	Industrial	HLQFP176	Cortex-M7	eMATH+ mMATH	400	512KB, ECC	24	16	4	4.375	24	-40~125
NS800RT7377D-Q1HQFOY	Automotive	HLQFP176	Cortex-M7 x 2	eMATH+ mMATH(x2)	400/300	1024KB, ECC, Dual-bank	24	16	4	4.375	24	-40~125
NS800RT7377S-Q1HQFBY	Automotive	HLQFP100	Cortex-M7	eMATH+ mMATH	400/300	1024KB, ECC, Dual-bank	24	16	2	4.375	14	-40~125
NS800RT7377S-Q1HQFOY	Automotive	HLQFP176	Cortex-M7	eMATH+ mMATH	400/300	1024KB, ECC, Dual-bank	24	16	4	4.375	24	-40~125
NS800RT7379D-DHQFOY2	Industrial	HLQFP176	Cortex-M7 x 2	eMATH+ mMATH(x2)	400	1024KB, ECC, Dual-bank	24	16	4	4.375	24	-40~125
NS800RT7379H-DHQFOY2	Industrial	HLQFP176	Cortex-M7 x 2	eMATH+ mMATH(x2)	400	1024KB, ECC, Dual-bank	36	32	4	4.375	24	-40~125
NS800RT7379S-DHQFBY2	Industrial	HLQFP100	Cortex-M7	eMATH+ mMATH	400	1024KB, ECC, Dual-bank	24	16	2	4.375	14	-40~125

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https://www.novosns.com/ns800rt7

NS800RT7系列

OPN	Rating	Package	CPU	Coprocessor	Frequency(MHz)	Prog Flash	ePWM (ch)	HRPWM (ch)	12bit ADC-unit	12bit ADC-Conversion Rate (sps)	12bit ADC-Channels	Temperature Range (°C)
NS800RT7379S-DHQFOY2	Industrial	HLQFP176	Cortex-M7	eMATH+ mMATH	400	1024KB, ECC, Dual-bank	24	16	4	4.375	24	-40~125
NS800RT7P65D-DHQFBY2	Industrial	HLQFP100	Cortex-M7 x 2	eMATH+ mMATH(x2)	400	1024KB, ECC, Dual-bank	36	32	3	4.375	24	-40~125
NS800RT7P65D-DHQFOY2	Industrial	HLQFP176	Cortex-M7 x 2	eMATH+ mMATH(x2)	400	1024KB, ECC, Dual-bank	36	32	3	4.375	35	-40~125
NS800RT7P65D-Q1HQFBY	Automotive	HLQFP100	Cortex-M7 x 2	eMATH+ mMATH(x2)	400/300	1024KB, ECC, Dual-bank	36	32	3	4.375	24	-40~125
NS800RT7P65D-Q1HQFOY	Automotive	HLQFP176	Cortex-M7 x 2	eMATH+ mMATH(x2)	400/300	1024KB, ECC, Dual-bank	36	32	3	4.375	35	-40~125
NS800RT7P65S-DHQFBY2	Industrial	HLQFP100	Cortex-M7	eMATH+ mMATH	400	1024KB, ECC, Dual-bank	36	32	3	4.375	24	-40~125
NS800RT7P65S-DHQFOY2	Industrial	HLQFP176	Cortex-M7	eMATH+ mMATH	400	1024KB, ECC, Dual-bank	36	32	3	4.375	35	-40~125
NS800RT7P65S-Q1HQFBY	Automotive	HLQFP100	Cortex-M7	eMATH+ mMATH	400/300	1024KB, ECC, Dual-bank	36	32	3	4.375	24	-40~125
NS800RT7P65S-Q1HQFOY	Automotive	HLQFP176	Cortex-M7	eMATH+ mMATH	400/300	1024KB, ECC, Dual-bank	36	32	3	4.375	35	-40~125

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https://www.novosns.com/mcu-driver

MCU+电机驱动

OPN	Rating	Package	CPU	Temperature Range (°C)	Drive Current	Drive Current	Core	SRAM	FLash	Interface	Integration Level
NSUC1602-Q0QAERC	Automotive	QFN40	5.5V~28V	-40~125	Three-Phase Pre-Driver	3-Phase BLDC Pre-Driver	Arm® Cortex®-M3	4KB	64KB	LIN, SPI	MCU+LDO+LIN+Pre-Driver
NSUC1602-Q0QAERK	Automotive	QFN40	5.5V~28V	-40~125	Three-Phase Pre-Driver	3-Phase BLDC Pre-Driver	Arm® Cortex®-M3	4KB	64KB	LIN, SPI	MCU+LDO+LIN+Pre-Driver
NSUC1610-Q1QNR	Automotive	QFN32	5.5V~18V	-40~125	＜1.8A	4-channel half-bridge driver	Arm® Cortex®-M3	4KB	64KB	LIN, SPI	MCU+LDO+LIN+MOSFET
NSUC1612-Q1QAKR	Automotive	QFN32	5.5V~28V (supports direct power supply from 12V automotive battery)	-40~125	＜500mA(NSUC1612B)	4-channel half-bridge driver	Arm® Cortex®-M3	2KB	32KB	LIN, SPI, SSI, FlexCAN	MCU+LDO+LIN+MOSFET
NSUC1612B-Q1HTSXR	Automotive	HTSSOP24	5.5V~28V (supports direct power supply from 12V automotive battery)	-40~125	＜500mA(NSUC1612B)	4-channel half-bridge driver	Arm® Cortex®-M3	2KB	32KB	LIN, SPI, SSI, FlexCAN	MCU+LDO+LIN+MOSFET
NSUC1612E-Q1QAKR	Automotive	QFN32	5.5V~28V	-40~125	＜2.1A	3-channel half-bridge driver	Arm® Cortex®-M3	2KB	32KB	LIN, SPI, SSI, FlexCAN	MCU+LDO+LIN+MOSFET

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MCU+氛围灯

OPN	Rating	Package	Temperature Range (°C)	Drive Current	Number of Drive Channels	Core	SRAM	FLash	Interface	Integration Level
NSUC1500-Q1HSPR	Automotive	HSOP8	-40~125	64mA per Channel	4-Channel LED Driver	Arm® Cortex®-M3	2KB	32KB	LIN	MCU+LDO+LIN+LED Driver
NSUC1500-Q1QBGR	Automotive	QFN24	-40~125	64mA per Channel	4-Channel LED Driver	Arm® Cortex®-M3	2KB	32KB	LIN	MCU+LDO+LIN+LED Driver
NSUC1500-Q1SPR	Automotive	SOP8	-40~125	64mA per Channel	4-Channel LED Driver	Arm® Cortex®-M3	2KB	32KB	LIN	MCU+LDO+LIN+LED Driver
NSUC1527C-Q1QKAR	Automotive	QFN56	-40~125	64mA per Channel	27-Channel LED Driver	Arm®Cortex®-M3	16KB	128KB	CAN FD	MCU+LDO+CAN+LEDDriver
NSUC1527L-Q1QKAR	Automotive	QFN56	-40~125	64mA per Channel	27-Channel LED Driver	Arm®Cortex®-M3	16KB	128KB	LIN	MCU+LDO+LIN+LEDDriver
NSUC1527U-Q1QKAR	Automotive	QFN56	-40~125	64mA per Channel	27-Channel LED Driver	Arm®Cortex®-M3	16KB	128KB	UART	MCU+LDO+UART+LEDDriver

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纳芯微电子 (NOVOSENSE)　科创板股票代码:688052　香港联交所股票代码:02676.HK

sales@novosns.com　www.novosns.com

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