

产品概览

NSR0340V2T1G: 40 V, 0.25 A Low V_F SOD-523 Schottky Diode

欲看完整文档，请参阅数据表。

Schottky rectifiers are optimized for very low forward voltage drop and low leakage current and are used in a wide range of dc-dc converter, clamping and protection applications in portable devices. NSR0240V2 in a SOD-523 miniature package enables designers to meet the challenging task of achieving higher efficiency and meeting reduced space requirements.

特性

- Very Low Forward Voltage Drop - 410 mV @ 100 mA
- Low Reverse Current - 0.5 μ A @ 25 V VR
- 250 mA of Continuous Forward Current
- Power Dissipation of 200 mW with Minimum Trace
- Very High Switching Speed
- Low Capacitance - CT = 6 pF
- This is a Pb-Free Device

应用

- LCD and Keypad Backlighting
- Camera Photo Flash
- Buck and Boost dc-dc Converters
- Clamping & Protection
- Reverse Voltage and Current Protection

终端产品

- Mobile Handsets
- MP3 Players
- Digital Cameras and Camcorders
- Notebook PCs & PDAs
- GPS

器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Configuration	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (μ A)	$I_{O(rec)}$ Max (A)	I_{FSM} Max (A)	t_{rr} Max (ns)	C_j Max (pF)	Package Type
NSR0340V2T1G	0.0533	Pb-free	Active	Single	40	0.51	1	0.25	1	5	6	SOD-523-2
		Halide free										
NSR0340V2T5G	0.0533	Pb-free Halide free	Active	Single	40	0.51	1	0.25	1	5	6	SOD-523-2

欲了解更多信息，请联系您当地的销售支援 www.onsemi.cn。

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