



Product Overview

NSR0320: Schottky Barrier Diode, Low Forward Voltage, 1.0 A, 20 V

For complete documentation, see the data sheet

Product Description

These Schottky barrier diodes are designed for high current handling capability and low forward voltage performance.

Features

- Low Forward Voltage ? 0.24 Volts (Typ) @ $I_F = 10 \text{ mAdc}$
- High Current Capability
- NSV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC Qualified and PPAP Capable

Applications

- Cellular Phones

Part Electrical Specifications

Product	Compliance	Status	Configurat ion	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (uA)	$I_{O(rec)}$ Max (A)	I_{FSM} Max (A)	t_{rr} Max (ns)	C_j Max (pF)	Package Type
NSR0320MW2T1G	AEC Qualified Pb-free Halide free	Active	Single	23	0.27	50	1	5	-	35	SOD-323
NSR0320MW2T3G	AEC Qualified Pb-free Halide free	Active	Single	23	0.27	50	1	5	-	35	SOD-323
NSRLV20MW2T1G	AEC Qualified Pb-free Halide free	Active	Single	23	0.27	50	1	5	-	35	SOD-323
NSVR0320MW2T1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	23	0.27	50	1	5	-	35	SOD-323

For more information please contact your local sales support at www.onsemi.com

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