



Product Overview

NSR01L30NXT5G: Schottky Barrier Diode, 100 mA, 30 V

For complete documentation, see the [data sheet](#)

Product Description

The Schottky diode is optimized for low forward voltage drop and low leakage current. The DSN-2 (Dual Silicon No-lead) package is a chip level package using solderable metal contacts under the package similar to DFN style packages. The DSN style package enables 100 percent utilization of the package area for active silicon, offering a significant performance per board area advantage compared to products in plastic molded packages.

Features

- Low Forward Voltage Drop
- Low Reverse Current
- Very High Switching Speed
- Reverse Voltage and Current Protection

Benefits

- Reduces Power Dissipation

Applications

- LCD and Keypad Backlighting
- Camera Photo Flash

End Products

- Mobile Handsets
- Notebooks, PCs & PDAs

Part Electrical Specifications

Product	Compliance	Status	Configuration	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (uA)	$I_{O(rec)}$ Max (A)	I_{FSM} Max (A)	t_r Max (ns)	C_j Max (pF)	Package Type
NSR01L30NXT5G	Pb-free Halide free	Active	Single	30	0.4	0.2	0.1	4	-	7	DSN-2

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

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