



Product Overview

RB521: Schottky Barrier Diode, 30 V

For complete documentation, see the data sheet

Product Description

The Schottky diode is designed for high speed switching applications, circuit protection and voltage clamping. Extremely low forward voltage reduces conduction loss. The miniature surface mount package is excellent for hand held and portable applications where space is limited.

Features

- Extremely Fast Switching Speed
- Extremely Low Forward Voltage 0.5 V (max) @ $I_F = 200$ mA
- Low Reverse Current
- NSV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC Qualified and PPAP Capable
- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHS Compliant

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_{rr} Max (ns)	C Max (pF)	Package Type
NSVRB521S30T1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	30	0.5	30	0.2	1	-	-	SOD-523-2
RB521S30T1G	AEC Qualified Pb-free Halide free	Active	Single	30	0.5	30	0.2	1	-	-	SOD-523-2
RB521S30T5G	AEC Qualified Pb-free Halide free	Active	Single	30	0.5	30	0.2	1	-	-	SOD-523-2

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

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