



Product Overview

MURD320: Power Rectifier, Ultra-Fast Recovery, Switch-mode, 3 A, 200 V

For complete documentation, see the data sheet

Product Description

The Ultrafast Rectifier is designed for use in switching power supplies, inverters and as free wheeling diodes.

Features

- Ultrafast 35 Nanosecond Recovery Time
 - Low Forward Voltage Drop
 - Low Leakage
- Mechanical Characteristics:
- Case: Epoxy, Molded
 - Weight: 0.4 gram (approximately)
 - Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable
 - Lead and Mounting Surface Temperature for Soldering Purposes:
260°C Max. for 10 Seconds
 - Marking: U320
 - AEC-Q101 Qualified and PPAP Capable
 - SURD8 Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements

Part Electrical Specifications

Product	Compliance	Status	Type	$I_{Q(rec)}$ Max (A)	t_{rr} Max (ns)	V_{RRM} Max (V)	V_{FM} Max (V)	I_{FSM} Max (A)	I_R Max (mA)	Package Type
MURD320T4G	Pb-free Halide free	Active	Ultrafast	3	35	200	0.95	75	0.005	DPAK-3
NRVUD320W1T4G	AEC Qualified PPAP Capable Pb-free Halide free	Product Preview	Ultrafast	3	35	200	0.95	75	0.005	DPAK-3
SURD8320T4G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Ultrafast	3	35	200	0.95	75	0.005	DPAK-3

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

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