

Product Overview

MURD620CT: Power Rectifier, Ultra-Fast Recovery, Switch-mode, 6 A, 200 V

For complete documentation, see the data sheet.

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: U620T
- AEC-Q101 Qualified and PPAP Capable
- NRUV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements

For more features, see the data sheet

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Type	$I_{O(rec)}$ Max (A)	t_{rr} Max (ns)	V_{RRM} Max (V)	V_{FM} Max (V)	I_{FSM} Max (A)	I_R Max (mA)	Package Type
MURD620CTG	0.2939	Pb-free Halide free	Active	Ultrafast	6	35	200	1.2	50	0.005	DPAK-3
MURD620CTT4G	0.2119	Pb-free Halide free	Active	Ultrafast	6	35	200	1.2	50	0.005	DPAK-3
NRVUD620CTG	0.2012	AEC Qualified PPAP Capable Pb-free Halide free	Active	Ultrafast	6	35	200	1.2	50	0.005	DPAK-3
NRVUD620CTT4G	0.2012	AEC Qualified PPAP Capable Pb-free Halide free	Active	Ultrafast	6	35	200	1.2	50	0.005	DPAK-3
SNRVUD620CTT4G	0.1609	AEC Qualified PPAP Capable Pb-free Halide free	Active	Ultrafast	6	35	200	1.2	50	0.005	DPAK-3
SRVUD620CTT4G	0.1609	AEC Qualified PPAP Capable Pb-free Halide free	Active	Ultrafast	6	35	200	1.2	50	0.005	DPAK-3

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

Created on: 7/11/2020