



Product Overview

MBRD630CT: Schottky Barrier Rectifier, 30 V, 6.0 A

For complete documentation, see the data sheet

Product Description

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

Features

- Extremely Fast Switching
  - Extremely Low Forward Drop
  - Platinum Barrier with Avalanche Guardrings
- 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
  - Shipped 75 units per plastic tube
  - Available in 16 mm Tape and Reel, 2500 units per reel, by adding a "T4" suffix to the part number
  - Marking: B620T, B630T, B640T, B650T, B660T

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
MBRD630CTT4G	Pb-free	Active	Common Cathode	30	0.9	100	6	75			DPAK-3
	Halide free										

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