



## Product Overview

### MBRD660CT: Schottky Power Rectifier, Switch-mode, 6 A, 60 V

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
- Marking: B620T, B630T, B640T, B650T, B660T
- AEC-Q101 Qualified and PPAP Capable
- NRVBD and SBR Prefixes for Automotive and Other Applications Requiring Unique Site and Control Change Requirements

#### 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)	$C_j$ Max (pF)	Package Type
MBRD660CTG	Pb-free Halide free	Active	Common Cathode	60	0.9	100	6	75	-	-	DPAK-3
MBRD660CTRLG	Pb-free Halide free	Active	Common Cathode	60	0.9	100	6	75	-	-	DPAK-3
MBRD660CTT4G	Pb-free Halide free	Active	Common Cathode	60	0.9	100	6	75	-	-	DPAK-3
NRVBD660CTG	AEC Qualified PPAP Capable Pb-free Halide free	Active	Common Cathode	60	0.9	100	6	75	-	-	DPAK-3
NRVBD660CTT4G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Common Cathode	60	0.9	100	6	75	-	-	DPAK-3

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