



Product Overview

MBRD340: Schottky Barrier Rectifier, 40 V, 3.0 A

For complete documentation, see the data sheet

Product Description

The Schottky Rectifier is designed for use as output rectifiers, free wheeling, protection and steering diodes in switching power supplies, inverters and other inductive switching circuits.

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: B320, B330, B340, B350, B360

Part Electrical Specifications

Product	Compliance	Status	Configuration	V_{BRM} Min (V)	V_F Max (V)	I_{RM} Max (uA)	$I_{O(rec)}$ Max (A)	I_{FSM} Max (A)	t_r Max (ns)	C_j Max (pF)	Package Type
MBRD340G	Pb-free Halide free	Active	Single	40	0.6	200	3	75	-	-	DPAK-3
MBRD340RLG	Pb-free Halide free	Active	Single	40	0.6	200	3	75	-	-	DPAK-3
MBRD340T4G	Pb-free Halide free	Active	Single	40	0.6	200	3	75	-	-	DPAK-3
SBRD8340G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	40	0.6	200	3	75	-	-	DPAK-3
SBRD8340T4G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	40	0.6	200	3	75	-	-	DPAK-3

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

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