

Product Overview

1N4007: Standard Rectifier, 1000 V, 1.0 A

For complete documentation, see the data sheet.

This standard rectifier is designed for general purpose, low power applications.

Features

- 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, 1/16 from case
- Shipped in plastic bags, 1000 per bag.
- Available Tape and Reeled, 5000 per reel, by adding a "RL" suffix to the part number
- Available in Fan-Fold Packaging, 3000 per box, by adding a "FF" suffix to the part number
- Polarity: Cathode Indicated by Polarity Band
- Marking: 1N4001, 1N4002, 1N4003, 1N4004, 1N4005, 1N4006, 1N4007
- Pb-Free Packages are Available

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
1N4007FFG	0.0267	Pb-free Halide free non AEC-Q and PPAP	Active	Standard Recovery	1		1000	1.1	30	0.01	Axial Lead-2
1N4007G	0.02	Pb-free Halide free non AEC-Q and PPAP	Active	Standard Recovery	1		1000	1.1	30	0.01	Axial Lead-2
1N4007RLG	0.0176	Pb-free Halide free non AEC-Q and PPAP	Active	Standard Recovery	1		1000	1.1	30	0.01	Axial Lead-2

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

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