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Product Overview

MJF127: 5.0 A, 100 V PNP Darlington Bipolar Power Transistor

For complete documentation, see the data sheet.

The Darlington Bipolar Power Transistor is designed for general-purpose amplifiers and switching applications, where the mounting surface of the device is required to be electrically isolated from the heat sink or chassis.

Features

- Electrically Similar to the Popular TIP122 and TIP127
- 100 $V_{CEO(sus)}$
- 5 A Rated Collector Current
- No Isolating Washers Required
- Reduced System Cost
- High DC Current Gain 2000 (Min) @ I_C = 3 Adc
- UL Recognized, File #E69369, to 3500 V_{RMS} Isolation
- Pb-Free Packages are Available

Part Electrical Specifications

Product	Compliance	Status	Polarity	I_C Continuous (A)	$V_{(BR)CEO}$ Min (V)	$V_{CE(sat)}$ Max (V)	h_{FE} Min (k)	h_{FE} Max (k)	f_T Min (MHz)	Package Type
MJF127G	Pb-free	Active	PNP	5	100	2	2	-	-	TO-220-3 FullPak

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

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