



Product Overview

MJB45H11: Bipolar Transistor, PNP, 80 V, 10 A

For complete documentation, see the data sheet

Product Description

The PNP Bipolar Power Transistor is designed for general purpose power amplification and switching such as output or driver stages in applications such as switching regulators, converters and power amplifiers. The MJB44H11 (NPN) and MJB45H11 (PNP) are complementary devices.

Features

- Low Collector-Emitter Saturation Voltage - $V_{CE(sat)} = 1.0 \text{ V (Max) @ } 8.0 \text{ A}$
- Fast Switching Speeds
- Complementary Pairs Simplifies Designs
- NJV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 Qualified and PPAP Capable
- PbFree Packages are Available

Part Electrical Specifications

Product	Compliance	Status	Polarity	I_C Continuous (A)	$V_{(BR)CEO}$ Min (V)	h_{FE} Min	h_{FE} Max	f_T Min (MHz)	P_{TM} Max (W)	Package Type
MJB45H11G	AEC Qualified Pb-free Halide free	Active	PNP	10	80	60	-	-	50	D ² PAK-3
MJB45H11T4G	Pb-free Halide free	Active	PNP	10	80	60	-	-	50	D ² PAK-3
NJVMJB45H11T4G	AEC Qualified PPAP Capable Pb-free Halide free	Active	PNP	10	80	60	-	-	50	D ² PAK-3

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

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