

Product Overview

D44H8: Power Bipolar Transistor, NPN, 10 A, 60 V

For complete documentation, see the data sheet.

These series of plastic, NPN and PNP power transistors can be used as general purpose power amplification and switching such as output or driver stages in applications such as switching regulators, converters and power amplifiers.

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
- Pb-Free Packages are Available

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Polarity	Type	$V_{CE(sat)}$ Max (V)	I_C Cont. (A)	V_{CEO} Min (V)	V_{CBO} (V)	V_{EBO} (V)	$V_{BE(sat)}$ (V)	$V_{BE(O)}$ (V)	h_{FE} Min	h_{FE} Max	f_T Min (MHz)	P_{TM} Max (W)	Package Type
D44H8G	0.48	Pb-free	Active	NPN	General Purpose	1	10	60	-	5	1.5	-	40	-	-	50	TO-220-3

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

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