

BD135

1.5 A, 45V NPN Power Bipolar Junction Transistor

Product Overview

For complete documentation, see the data sheet.

This series of plastic, NPN Power Bipolar Junction Transistor transistors are designed for use as audio amplifiers and drivers utilizing complementary or quasi complementary circuits.

Features

- Minimum Gain - $h_{FE} = 40$ @ $I_C = 150$ mA
- BD135, BD137, BD139 are complementary with BD136, BD138, BD140
- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHS Compliant

Benefits

- Low base drive





Applications

- Power supplies

End Products

- Power supplies

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Polarity	Type	$V_{CE(sat)Max}$ (V)	I_C Con t. (A)	V_{CE0Min} (V)	V_{CBO} (V)	V_{EBO} (V)	$V_{BE(sat)}$ (V)	V_{BE0n} (V)	$h_{FE} Min$	$h_{FE} Max$	f_T Min (MHz)	$P_{TM} Max$ (W)	Package Type
BD135G	0.2276	 	Active	NPN	General Purpose	0.5	1.5	45					40	250	-	12.5	TO-225-3
BD135TG	0.2407	 	Active	NPN	General Purpose	0.5	1.5	45					40	250	-	12.5	TO-225-3