

Product Overview

BD135: 1.5 A, 45V NPN Bipolar Power Transistor

For complete documentation, see the data sheet.

This series of plastic, medium-power NPN transistors are designed for use as audio amplifiers and drivers utilizing complementary or quasi complementary circuits.

Features

- DC Current Gain - $h_{FE} = 40$ (Min) @ $I_C = 0.15$ Adc
- BD 135, 137, 139 are complementary with BD 136, 138, 140
- Pb-Free Package is Available*

Part Electrical Specifications

Product	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)	$V_{BE(on)}$ (V)	h_{FE} Min	h_{FE} Max	f_T Min (MHz)	P_{TM} Max (W)	Package Type
BD13510STU	Pb-free	Active	NPN	General Purpose	0.5	1.5	45	45	5	-	1	40	250	-	12.5	TO-126-3
BD13516S	Pb-free	Active	NPN	General Purpose	0.5	1.5	45	45	5	-	1	40	250	-	12.5	TO-126-3
BD13516STU	Pb-free	Active	NPN	General Purpose	0.5	1.5	45	45	5	-	1	40	250	-	12.5	TO-126-3
BD135G	Pb-free Halide free	Active	NPN	General Purpose	0.5	1.5	45					40	250	-	12.5	TO-225-3
BD135TG	Pb-free Halide free	Active	NPN	General Purpose	0.5	1.5	45					40	250	-	12.5	TO-225-3

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

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