

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 - hFE = 40 @ IC = 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 Cont. (A) | V_{CE0Min} (V) | V_{CBO} (V) | V_{EBO} (V) | $V_{BE(sat)}$ (V) | $V_{BE(on)}$ (V) | h_{FEMin} | h_{FEMax} | f_T Min (MHz) | P_{TMMax} (W) | Packaging Type |
|---------|-------------------|--------------------------------------|--------|----------|-----------------|----------------------|-----------------|------------------|---------------|---------------|-------------------|------------------|-------------|-------------|-----------------|-----------------|----------------|
| BD135G | 0.2968 | <div><div>Pb</div><div>H</div></div> | Active | NPN | General Purpose | 0.5 | 1.5 | 45 | | | | | 40 | 250 | - | 12.5 | TO-225-3 |
| BD135TG | 0.3297 | <div><div>Pb</div><div>H</div></div> | Active | NPN | General Purpose | 0.5 | 1.5 | 45 | | | | | 40 | 250 | - | 12.5 | TO-225-3 |