

BCP69

PNP Bipolar Junction Transistor

Product Overview

For complete documentation, see the data sheet.

The PNP Bipolar Transistor is designed for use in low voltage, high current applications. The device is housed in the SOT-223-4 package, which is designed for medium power surface mount applications.

Features

- High Current: $I_C = -1.0$ Amp
- SOT-223 package ensures level mounting, resulting in improved thermal conduction, and allows visual inspection of soldered joints. The formed leads absorb thermal stress during soldering, eliminating the possibility of damage to the die.
- Available in 12 mm Tape and Reel Use BCP69T1 to order the 7 inch/1000 unit reel. Use BCP69T3 to order the 13 inch/4000 unit reel.
- NPN Complement is BCP68
- NSV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AECQ101 Qualified and PPAP Capable
- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHS Compliant

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Polarity	Type	$V_{CE(sat) Max}$ (V)	I_C Con t. (A)	$V_{CE0} Min$ (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
BCP69T1G	0.0777		Active	PNP	General Purpose	0.5	1	20	25	5	-	1	85	375	-	1.5	SOT-223-4 / TO-261-4D
NSVBCP69T1G	0.088		Active	PNP	General Purpose	0.5	1	20	25	5	-	1	85	375	-	1.5	SOT-223-4 / TO-261-4D