



Product Overview

BCP53: PNP 80 V Bipolar Transistor

[For complete documentation, see the data sheet](#)

Product Description

This PNP Bipolar Transistor is designed for general purpose amplifier applications. It is housed in the SOT-223, which is designed for low power surface mount applications.

Features

- High Current: 1.5 Amps
- NPN Complement is BCP56
- The SOT-223 Package can be soldered using wave or reflow. The formed leads absorb thermal stress during soldering, eliminating the possibility of damage to the die
- Available in 12 mm Tape and Reel Use BCP53T1G to order the 7 inch/1000 unit reel. Use BCP53T3G to order the 13 inch/4000 unit reel.
- Device Marking:
BCP53 = AH
BCP53-10 = AH-10
BCP53-16 = AH-16
- These Devices are PbFree, Halogen Free/BFR Free and are RoHS Compliant

Part Electrical Specifications

Product	Compliance	Status	Polarity	I_C Continuous (A)	$V_{(BR)CEO}$ Min (V)	h_{FE} Min	h_{FE} Max	f_T Min (MHz)	P_{TM} Max (W)	Package Type
BCP53-10T1G	AEC Qualified Pb-free Halide free	Active	PNP	1.5	80	63	160	-	1.5	SOT-223-4 / TO-261-4
BCP53-16T1G	AEC Qualified Pb-free Halide free	Active	PNP	1.5	80	100	250	-	1.5	SOT-223-4 / TO-261-4
BCP53-16T3G	AEC Qualified Pb-free Halide free	Active	PNP	1.5	80	100	250	-	1.5	SOT-223-4 / TO-261-4
BCP53T1G	AEC Qualified Pb-free Halide free	NEW	PNP	1.5	80	40	250	-	1.5	SOT-223-4 / TO-261-4
NSVBCP53-16T3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	PNP	1.5	80	100	250	-	1.5	SOT-223-4 / TO-261-4
SBCP53-10T1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	PNP	1.5	80	63	160	-	1.5	SOT-223-4 / TO-261-4
SBCP53-16T1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	PNP	1.5	80	100	250	-	1.5	SOT-223-4 / TO-261-4
SBCP53T1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	PNP	1.5	80	40	250	-	1.5	SOT-223-4 / TO-261-4

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

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