

Product Overview

BC847CDXV6: NPN Bipolar Transistor

For complete documentation, see the data sheet.

The NPN Bipolar Transistor is designed for general purpose amplifier applications. It is housed in the SOT-563 which is designed for low power surface mount applications.

Features

- These are Pb-Free Devices
- S and NSV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 Qualified and PPAP Capable

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
BC847CDXV6T1G	AEC Qualified Pb-free Halide free	Active	Dual NPN	General Purpose	0.25	0.1	45	50	6	0.7	0.66	420	800	100	0.357	SOT-563
SBC847CDXV6T1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Dual NPN	General Purpose	0.25	0.1	45	50	6	0.7	0.66	420	800	100	0.357	SOT-563

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

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