



## Product Overview

### BC847BW: NPN Bipolar Transistor

For complete documentation, see the data sheet

#### Product Description

The NPN Bipolar Transistor is designed for general purpose amplifier applications. It is housed in the SOT-323/SC-70 package, which is designed for low power surface mount applications.

#### Features

- Pb-Free Packages are Available
- S and NSV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AECQ101 Qualified and PPAP Capable

#### Applications

- ESD Protection
- Polarity Reversal Protection
- Data Line Protection
- Inductive Load Protection
- Steering Logic

#### 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
BC847BWT1G	AEC Qualified Pb-free Halide free	NEW	NPN	0.1	45	200	450	100	0.15	SC-70-3 / SOT-323-3
SBC847BWT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	NPN	0.1	45	200	450	100	0.15	SC-70-3 / SOT-323-3

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

Created on: 7/11/2015