



Product Overview

BC848CL: NPN Bipolar Transistor

For complete documentation, see the data sheet

Product Description

The NPN Bipolar Transistor is designed for use in linear and switching applications. The device is housed in the SOT-23 package, which is designed for lower power surface mount applications.

Features

- Moisture Sensitivity Level: 1
- ESD Rating - Human Body Model: >4000 V
ESD Rating - Machine Model: >400 V
- Pb-Free Packages are Available
- S Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 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
BC848CLT1G	AEC Qualified	NEW	NPN	0.1	30	420	800	100	0.225	SOT-23-3
	Pb-free									
	Halide free									
NSVBC848CLT1G	AEC Qualified	Active	NPN	0.1	30	420	800	100	0.225	SOT-23-3
	PPAP Capable									
	Pb-free Halide free									

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

Created on: 7/11/2015