

## Product Overview

### BC847BT: 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 SC<sub>75</sub>/SOT<sub>23</sub> package, which is designed for low power surface mount applications.

### Part Electrical Specifications

Product	Compliance	Status	Polarity	Type	$V_{CE(sat)}$ Max (V)	$I_C$ Cont. (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
BC847BTT1G	Pb-free	Active	NPN	General Purpose	0.25	0.1	45	50	6	0.7	0.66	200	450	100	0.2	SC-75-3
	Halide free															
NSVBC847BTT1G	AEC Qualified	Active	NPN	General Purpose	0.25	0.1	45	50	6	0.7	0.66	200	450	100	0.2	SC-75-3
	PPAP Capable															
	Pb-free															
	Halide free															

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