



Product Overview

MMBT2222AW: 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

- Low $r_{DS(on)}$ Provides Higher Efficiency and Extends Battery Life
- Miniature SC-70/SOT-323 Surface Mount Package Saves Board Space
- Pb-Free Package is Available
- 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	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
MMBT2222AWT1G	AEC Qualified Pb-free Halide free	Active	NPN	0.6	40	100	300	300	0.15	SC-70-3 / SOT-323-3
MMBT2222AWT3G	AEC Qualified Pb-free Halide free	Active	NPN	0.6	40	100	300	300	0.15	SC-70-3 / SOT-323-3
SMMBT2222AWT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	NPN	0.6	40	100	300	300	0.15	SC-70-3 / SOT-323-3

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

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