

Product Overview

MMBT2222AL: NPN Bipolar Transistor

For complete documentation, see the data sheet.

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

- 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

Part Electrical Specifications

Product	Pricing (\$/Unit)	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)	$V_{BE(0)}$ (V)	h_{FE} Min	h_{FE} Max	f_T Min (MHz)	P_{TM} Max (W)	Package Type
MMBT2222ALT1G	0.0136	Pb-free Halide free non AEC-Q and PPAP	Active	NPN	General Purpose	1	0.6	40	75	6	2	-	100	300	300	0.225	SOT-23-3
MMBT2222ALT3G	0.0136	Pb-free Halide free non AEC-Q and PPAP	Active	NPN	General Purpose	1	0.6	40	75	6	2	-	100	300	300	0.225	SOT-23-3
SMMBT2222ALT1G	0.0249	AEC Qualified PPAP Capable Pb-free Halide free	Active	NPN	General Purpose	1	0.6	40	75	6	2	-	100	300	300	0.225	SOT-23-3
SMMBT2222ALT3G	0.0249	AEC Qualified PPAP Capable Pb-free Halide free	Active	NPN	General Purpose	1	0.6	40	75	6	2	-	100	300	300	0.225	SOT-23-3

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

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