

Product Overview

MMBT5088L: NPN Bipolar Transistor

For complete documentation, see the data sheet.

This NPN Bipolar transistor is designed for high gain, low noise general purpose amplifier applications. The device is housed in the SOT-23 package, which is designed for lower power surface mount applications.

Features

- Low $r_{DS(on)}$ Provides Higher Efficiency and Extends Battery Life
- Miniature SOT-23 Surface Mount Package Saves Board Space
- 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)	$V_{BE(on)}$ (V)	h_{FE} Min	h_{FE} Max	f_T Min (MHz)	P_{TM} Max (W)	Package Type
MMBT5088LT1G	0.0263	Pb-free Halide free	Active	NPN	General Purpose	0.5	0.05	30	35	4.5	0.8	-	300	900	50	0.225	SOT-23-3
NSVMMBT5088LT3G	0.0513	AEC Qualified PPAP Capable Pb-free Halide free	Active	NPN	General Purpose	0.5	0.05	30	35	4.5	0.8	-	300	900	50	0.225	SOT-23-3
SMMBT5088LT1G	0.0579	AEC Qualified PPAP Capable Pb-free Halide free	Active	NPN	General Purpose	0.5	0.05	30	35	4.5	0.8	-	300	900	50	0.225	SOT-23-3

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

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