

Product Overview

MMBTA06L: 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

- Miniature SOT-23 Surface Mount Package Saves Board Space
- S Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 Qualified and PPAP Capable
- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHS Compliant

Part Electrical Specifications

Product	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
MMBTA06LT1G	AEC Qualified	Active	NPN	General Purpose	0.25	0.5	80	80	4	-	1.2	100	-	100	0.225	SOT-23-3
	Pb-free															
	Halide free															
MMBTA06LT3G	AEC Qualified	Active	NPN	General Purpose	0.25	0.5	80	80	4	-	1.2	100	-	100	0.225	SOT-23-3
	Pb-free															
	Halide free															
SMMBTA06LT1G	AEC Qualified	Active	NPN	General Purpose	0.25	0.5	80	80	4	-	1.2	100	-	100	0.225	SOT-23-3
	PPAP Capable															
	Pb-free Halide free															
SMMBTA06LT3G	AEC Qualified	Active	NPN	General Purpose	0.25	0.5	80	80	4	-	1.2	100	-	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.

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