

## Product Overview

### MMBT6429L: 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

- Pb-Free Packages are Available

### 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
MMBT6429LT1G	Pb-free	Active	NPN	General Purp ose	0.6	0.2	45	55	6	-	0.66	500	1250	100	0.225	SOT- 23-3
	Halide free															
NSVMMBT6429LT1G	AEC Qualified	Active	NPN	Gene ral Purp ose	0.6	0.2	45	55	6	-	0.66	500	1250	100	0.225	SOT- 23-3
	PPAP Capable															
	Pb-free															
	Halide free															

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