

## Product Overview

### MMBT5551L: High Voltage NPN Bipolar Transistor

For complete documentation, see the data sheet.

The High Voltage NPN Bipolar Transistor is designed for general purpose 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

### 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
MMBT5551LT1G	0.0216	Pb-free Halide free non AEC-Q and PPAP	Active	NPN	General Purpose	0.2	0.6	160	180	6	1	-	80	250	-	0.225	SOT-23-3
MMBT5551LT3G	0.0216	Pb-free Halide free non AEC-Q and PPAP	Active	NPN	General Purpose	0.2	0.6	160	180	6	1	-	80	250	-	0.225	SOT-23-3
SMMBT5551LT1G	0.0513	AEC Qualified PPAP Capable Pb-free Halide free	Active	NPN	General Purpose	0.2	0.6	160	180	6	1	-	80	250	-	0.225	SOT-23-3
SMMBT5551LT3G	0.0513	AEC Qualified PPAP Capable Pb-free Halide free	Active	NPN	General Purpose	0.2	0.6	160					80	250	-	0.225	SOT-23-3

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

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