



Product Overview

NSS60600: Low $V_{CE(sat)}$ Transistor, PNP, 60 V, 6.0 A

For complete documentation, see the data sheet

Product Description

The combination of low saturation voltage and high gain makes this Bipolar Transistor an ideal device for high speed switching applications where power saving is a concern.

Features	Benefits
<ul style="list-style-type: none"> Low Collector-Emitter Saturation Voltage High DC Current Gain High Current-Gain Bandwidth Product Superior gain linearity NSV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AECQ101 Qualified and PPAP Capable These Devices are PbFree, Halogen Free/BFR Free and are RoHS Compliant 	<ul style="list-style-type: none"> Minimized power loss Very low current requirements Ideal for high frequency designs Minimal distortion

Applications	End Products
<ul style="list-style-type: none"> Linear voltage regulation Power management for portable devices Switching regulator Inductive load driver (e.g. motors, fans, relays) Linear controls 	<ul style="list-style-type: none"> Battery chargers Portable devices Computing products

Part Electrical Specifications

Product	Compliance	Status	Polarity	I_C Continuous (A)	$V_{BR/CEO}$ Min (V)	$V_{CE(sat)}$ Max (V)	h_{FE} Min	h_{FE} Max	f_T Min (MHz)	P_{TM} Max (W)	Package Type
NSS60600MZ4T1G	AEC Qualified Pb-free Halide free	Active	PNP	6	60	0.35	120	360	100	2	SOT-223-4 / TO-261-4
NSS60600MZ4T3G	AEC Qualified Pb-free Halide free	Active	PNP	6	60	0.35	120	360	100	2	SOT-223-4 / TO-261-4
NSV60600MZ4T1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	PNP	6	60	0.35	120	360	100	2	SOT-223-4 / TO-261-4
NSV60600MZ4T3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	PNP	6	60	0.35	120	360	100	2	SOT-223-4 / TO-261-4

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

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