



Product Overview

NST65011M: DUAL MATCHED NPN XSTR 45V

For complete documentation, see the data sheet

Product Description

These transistors are housed in an ultra-small SOT-363 package ideally suited for portable products. They are assembled to create a pair of devices highly matched in all parameters, eliminating the need for costly trimming. Applications are Current Mirrors; Differential, Sense and Balanced Amplifiers; Mixers; Detectors and Limiters. Complementary PNP equivalent NST65010MW6T1G is available.

Features

- Current Gain Matching to 10%
- Base-Emitter Voltage Matched to 2 mV
- Drop-In Replacement for Standard Device
- NSV 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	I_C Continuous (A)	$V_{(BR)CEO}$ Min (V)	h_{FE} Min	h_{FE} Max	f_T Min (MHz)	P_{TM} Max (W)	Package Type
NST65011MW6T1G	Pb-free Halide free	Product Preview	Dual NPN	0.1	65	200	500	100	0.38	SC-88-6 / SC-70-6 / SOT-363-6
NSVT65011MW6T1G	AEC Qualified PPAP Capable Pb-free Halide free	Product Preview	Dual NPN	0.1	65	200	500	100	0.38	SC-88-6 / SC-70-6 / SOT-363-6

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

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