



Product Overview

2N5038: NPN Bipolar Power Transistor

For complete documentation, see the data sheet

Product Description

Fast switching speeds and a high current capacity ideally suit the Bipolar NPN Transistor for use in switching regulators, inverters, wide-band amplifiers and power oscillators in industrial and commercial applications.

Features

- High Speed - $t_f = 0.5 \mu s$ (Max)
- High Current - $I_{C(max)} = 30$ Amps
- Low Saturation - $V_{CE(sat)} = 2.5$ V (Max) @ $I_C = 20$ Amps
- Pb-Free Package is Available

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
2N5038G	Pb-free	Active	NPN	20	90	20	100	60	140	TO-204-2

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

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