Product Overview

2N6292: 7.0 A, 70 V NPN Bipolar Power Transistor

For complete documentation, see the data sheet

Product Description

The Power 7A 70 V Bipolar NPN Transistor is designed for use in general-purpose amplifier and switching applications.

Features

- DC Current Gain Specified to 7.0 Amperes
  h_{FE} = 30-150 @ I_C
  h_{FE} = 3.0 Adc 2N6111, 2N6288
  h_{FE} = 2.3 (Min) @ I_C = 7.0 Adc - All Devices
- Collector-Emitter Sustaining Voltage
  $V_{CEO(sus)}$ = 30 Vdc (Min) 2N6111, 2N6288
  $V_{CEO(sus)}$ = 50 Vdc (Min) - 2N6109
  $V_{CEO(sus)}$ = 70 Vdc (Min) - 2N6107, 2N6292
- High Current Gain Bandwidth Product
  f_T = 4.0 MHz (Min) @ I_C = 500 mAdc 2N6288, 90, 92
  f_T = 10 MHz (Min) @ I_C = 500 mAdc - 2N6107, 09, 11
- TO-220AB Compact Package
- Pb-Free Packages are 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
2N6292G	Pb-free	Active	NPN	7	70	30	150	4	40	TO-220-3

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

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