



## Product Overview

### 2N6107: 7.0 A, 70 V PNP 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  
 $h_{FE} = 30-150 @ I_C$   
 $h_{FE} = 3.0 \text{ Adc } 2N6111, 2N6288$   
 $h_{FE} = 2.3 (\text{Min}) @ I_C = 7.0 \text{ Adc} - \text{All Devices}$
- Collector-Emitter Sustaining Voltage  
 $V_{CEO(sus)} = 30 \text{ Vdc (Min) } 2N6111, 2N6288$   
 $V_{CEO(sus)} = 50 \text{ Vdc (Min) } - 2N6109$   
 $V_{CEO(sus)} = 70 \text{ Vdc (Min) } - 2N6107, 2N6292$
- High Current Gain Bandwidth Product  
 $f_T = 4.0 \text{ MHz (Min) } @ I_C = 500 \text{ mAdc } 2N6288, 90, 92$   
 $f_T = 10 \text{ MHz (Min) } @ I_C = 500 \text{ mAdc } - 2N6107, 09, 11$
- 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
2N6107G	Pb-free	Active	PNP	7	70	30	150	4	40	TO-220-3

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

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