



Image may be representation.  
See specifications for product details.



## 2N6488G

Manufacturer Part Number	<b>2N6488G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-2N6488G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TRANS NPN 80V 15A TO220
Package	TO-220-3
Data sheet	<b>2N6487,88, 90,91.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

2N6488G - onsemi.New Original in Stock. Download Linear Technology 2N6488G datasheet/specifications on AllelcoElec.com.  
Request a quote for 2N6488G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

2N6488G Tech Specifications  
2N6488G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tube
Voltage - Collector Emitter Breakdown (Max)	80 V	Operating Temperature	-65°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	3.5V @ 5A, 15A	Mounting Type	Through Hole
Transistor Type	NPN	Frequency - Transition	5MHz
Supplier Device Package	TO-220	DC Current Gain (hFE) (Min) @ Ic, Vce	20 @ 5A, 4V
Series	-	Current - Collector Cutoff (Max)	1mA
Power - Max	1.8 W	Current - Collector (Ic) (Max)	15 A
Package / Case	TO-220-3	Base Product Number	2N6488

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi 2N6488G

Product Attribute				
Part Number	2N6488G	2N6491	2N6491	2N6437
Manufacturer	onsemi	onsemi	Harris Corporation	Microchip Technology
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-204AA, TO-3
Frequency - Transition	5MHz	5MHz	5MHz	-
Package	Tube	Tube	Bulk	Bulk
Supplier Device Package	TO-220	TO-220	TO-220AB	TO-3
Transistor Type	NPN	PNP	PNP	PNP
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Current - Collector Cutoff (Max)	1mA	1mA	1mA	-
Voltage - Collector Emitter Breakdown (Max)	80 V	80 V	80 V	100 V
DC Current Gain (hFE) (Min) @ Ic, Vce	20 @ 5A, 4V	20 @ 5A, 4V	20 @ 5A, 4V	-
Power - Max	1.8 W	1.8 W	1.8 W	-
Current - Collector (Ic) (Max)	15 A	15 A	15 A	25 A
Vce Saturation (Max) @ Ib, Ic	3.5V @ 5A, 15A	3.5V @ 5A, 15A	3.5V @ 5A, 15A	-
Base Product Number	2N6488	2N6491	2N6491	-
Series	-	-	-	-
Operating Temperature	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	200°C (TJ)

### 2N6488G Datasheet PDF

Download 2N6488G pdf datasheets and onsemi documentation for 2N6488G - onsemi.

#### Datasheets

[2N6487,88, 90,91.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)

#### PCN Design/Specification

[TO-220 Case Outline Update 18/Sep/2014.pdf](#)

#### PCN Assembly/Origin

[Mult Dev 30/Mar/2023.pdf](#)

### Customers Also Interested in

## Recommended Products



**2N6491**

onsemi  
TRANS PNP 80V 15A TO220



NO PICTURE

**2N6491**

Harris Corporation  
TRANS PNP 80V 15A TO220AB



NO PICTURE

**2N6490**

Rochester Electronics, LLC  
2N6490 - TRANS BJTS PNP 60V 15A



**2N6437**

Microchip Technology  
TRANS PNP 100V 25A TO3



NO PICTURE

**2N6488**

NTE Electronics, Inc  
TRANS NPN 80V 15A TO220



NO PICTURE

**2N6487**

Harris Corporation  
TRANS NPN 60V 15A TO220AB



**2N6488**

onsemi  
TRANS NPN 80V 15A TO220



**2N6431**

Central Semiconductor  
THROUGH-HOLE TRANSISTOR-  
SMALL SI



**2N6427**

onsemi  
TRANS NPN DARL 40V 0.5A TO92



**2N6426RLRAG**

onsemi  
TRANS NPN DARL 40V 0.5A TO92



**2N6488G/2N6491G**

AMI Semiconductor/onsemi



**2N6490G**

onsemi  
TRANS PNP 60V 15A TO220



**2N6491G**

onsemi  
TRANS PNP 80V 15A TO220



**2N6487G**

onsemi  
TRANS NPN 60V 15A TO220



**2N6490**

onsemi  
TRANS PNP 60V 15A TO220



NO PICTURE

**2N6490**

Harris Corporation  
TRANS PNP 60V 15A TO220AB



NO PICTURE

**2N6489**

MOTOROLA



**2N6487**

onsemi  
TRANS NPN 60V 15A TO220

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

## Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Email

info@allelco.com

## Certifications & Memberships



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