



# MJ11016G

Manufacturer Part Number	<b>MJ11016G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MJ11016G
ECAD Model	PCB Footprint and Symbol
Parts Description	TRANS NPN DARL 120V 30A TO204
Package	TO-204AA, TO-3
Data sheet	<b>MJ11012,15,16.pdf</b>
RoHS Status	ROHS3 Compliant

Get a Quote

MJ11016G - onsemi.New Original in Stock. Download Linear Technology MJ11016G datasheet/specifications on AllelcoElec.com.  
Request a quote for MJ11016G, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MJ11016G Tech Specifications  
MJ11016G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tray
Voltage - Collector Emitter Breakdown (Max)	120 V	Operating Temperature	-55°C ~ 200°C (TJ)
Vce Saturation (Max) @ Ib, Ic	4V @ 300mA, 30A	Mounting Type	Through Hole
Transistor Type	NPN - Darlington	Frequency - Transition	4MHz
Supplier Device Package	TO-204 (TO-3)	DC Current Gain (hFE) (Min) @ Ic, Vce	1000 @ 20A, 5V
Series	-	Current - Collector Cutoff (Max)	1mA
Power - Max	200 W	Current - Collector (Ic) (Max)	30 A
Package / Case	TO-204AA, TO-3	Base Product Number	MJ11016

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MJ11016G

Product Attribute	NO PICTURE	NO PICTURE	NO PICTURE	
Part Number	MJ11016G	MJ11015	MJ11032	MJ11021
Manufacturer	onsemi	Solid State Inc.	NTE Electronics, Inc	onsemi
Current - Collector Cutoff (Max)	1mA	1mA	2mA	1mA
Package / Case	TO-204AA, TO-3	TO-204AA, TO-3	TO-204AE	TO-204AA, TO-3
Current - Collector (Ic) (Max)	30 A	30 A	50 A	15 A
Vce Saturation (Max) @ Ib, Ic	4V @ 300mA, 30A	4V @ 300mA, 30A	3.5V @ 500mA, 50A	3.4V @ 150mA, 15A
Frequency - Transition	4MHz	-	-	-
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Base Product Number	MJ11016	-	-	MJ110
Package	Tray	Bulk	Bag	Tray
Power - Max	200 W	200 W	300 W	175 W
DC Current Gain (hFE) (Min) @ Ic, Vce	1000 @ 20A, 5V	1000 @ 20A, 5V	1000 @ 25A, 5V	400 @ 10A, 5V
Transistor Type	NPN - Darlington	PNP - Darlington	NPN - Darlington	PNP - Darlington
Series	-	-	-	-
Voltage - Collector Emitter Breakdown (Max)	120 V	120 V	120 V	250 V
Operating Temperature	-55°C ~ 200°C (TJ)	-65°C ~ 200°C (TJ)	-55°C ~ 200°C (TJ)	-65°C ~ 200°C (TJ)
Supplier Device Package	TO-204 (TO-3)	TO-3	TO-204 (TO-3)	TO-204 (TO-3)

## MJ11016G Datasheet PDF

Download MJ11016G pdf datasheets and onsemi documentation for MJ11016G - onsemi.

### Datasheets

MJ11012,15,16.pdf









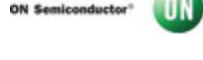
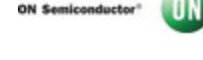
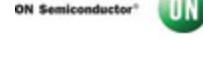

### Environmental Information

onsemi RoHS.pdf

## Customers Also Interested in

### Recommended Products

NO PICTURE	NO PICTURE		NO PICTURE	NO PICTURE	NO PICTURE
<b>MJ11015</b>	<b>MJ11032</b>	<b>MJ11021</b>	<b>MJ10102</b>	<b>MJ10201</b>	<b>MJ11028</b>
Solid State Inc. TRANS PNP DARL 120V 30A TO3	NTE Electronics, Inc TRANS NPN DARL 120V 50A TO204	onsemi TRANS PNP DARL 250V 15A TO204	MOTOROLA IGBT Module	MOTOROLA IGBT Module	NTE Electronics, Inc TRANS NPN DARL 60V 50A TO204

 <b>MJ11032</b> onsemi TRANS NPN DARL 120V 50A TO204	 <b>MJ11015G</b> onsemi TRANS PNP DARL 120V 30A TO204	 <b>MJ11016</b> Solid State Inc. TRANS NPN DARL 120V 30A TO3	 <b>MJ11022</b> onsemi TRANS NPN DARL 250V 15A TO204	 <b>MJ11028G</b> onsemi TRANS NPN DARL 60V 50A TO204	 <b>MJ11029</b> MOT
 <b>MJ1020J</b> ERICSSON IGBT Module	 <b>MJ10200</b> MOTOROLA IGBT Module	 <b>MJ11016</b> onsemi TRANS NPN DARL 120V 30A TO204	 <b>MJ11030</b> onsemi TRANS NPN DARL 90V 50A TO204	 <b>MJ11032G</b> onsemi TRANS NPN DARL 120V 50A TO204	 <b>MJ11033</b> NTE Electronics, Inc TRANS PNP DARL 120V 50A TO204

## 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.

-  Phone  
+00852 9146 4856
-  Email  
info@allelco.com

## Certifications & Memberships



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