



Image may be representation.  
See specifications for product details.



## MJD44E3T4G

Manufacturer Part Number	<b>MJD44E3T4G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MJD44E3T4G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TRANS NPN DARL 80V 10A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	<b>MJD44E3.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MJD44E3T4G - onsemi.New Original in Stock. Download Linear Technology MJD44E3T4G datasheet/specifications on AllelcoElec.com.  
Request a quote for MJD44E3T4G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MJD44E3T4G Tech Specifications  
MJD44E3T4G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	80 V	Operating Temperature	-55°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	2V @ 20mA, 10A	Mounting Type	Surface Mount
Transistor Type	NPN - Darlington	Frequency - Transition	-
Supplier Device Package	DPAK	DC Current Gain (hFE) (Min) @ Ic, Vce	1000 @ 5A, 5V
Series	-	Current - Collector Cutoff (Max)	10µA
Power - Max	1.75 W	Current - Collector (Ic) (Max)	10 A
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Base Product Number	MJD44

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MJD44E3T4G

Product Attribute				
Part Number	MJD44E3T4G	MJD42CT4G	MJD44H11G	MJD42CT4
Manufacturer	onsemi	onsemi	onsemi	onsemi
DC Current Gain (hFE) (Min) @ Ic, Vce	1000 @ 5A, 5V	15 @ 3A, 4V	40 @ 4A, 1V	15 @ 3A, 4V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)
Transistor Type	NPN - Darlington	PNP	NPN	PNP
Power - Max	1.75 W	1.75 W	1.75 W	20 W
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63
Voltage - Collector Emitter Breakdown (Max)	80 V	100 V	80 V	100 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Cut Tape (CT)
Current - Collector (Ic) (Max)	10 A	6 A	8 A	6 A
Series	-	-	-	-
Vce Saturation (Max) @ Ib, Ic	2V @ 20mA, 10A	1.5V @ 600mA, 6A	1V @ 400mA, 8A	1.5V @ 600mA, 6A
Frequency - Transition	-	3MHz	85MHz	3MHz
Base Product Number	MJD44	MJD42	MJD44	MJD42
Current - Collector Cutoff (Max)	10µA	50µA	1µA	50µA
Supplier Device Package	DPAK	DPAK	DPAK	DPAK

### MJD44E3T4G Datasheet PDF

Download MJD44E3T4G pdf datasheets and onsemi documentation for MJD44E3T4G - onsemi.

#### Datasheets

[MJD44E3.pdf](#)

#### Environmental Information

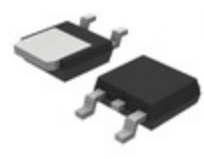
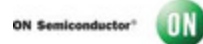
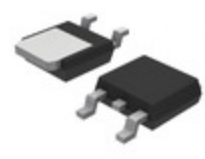
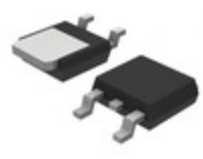
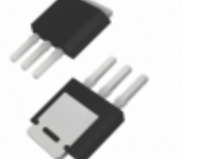
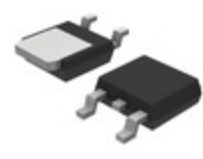
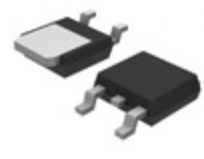
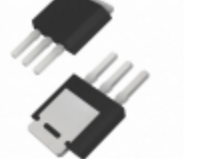

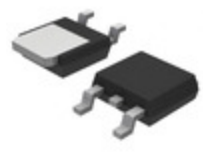


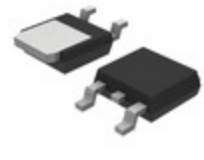
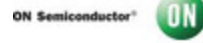



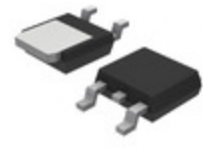
[onsemi RoHS.pdf](#)

#### PCN Assembly/Origin

[Assembly /Test Change 11/Apr/2023.pdf](#)

### Customers Also Interested in

#### Recommended Products

					
<b>MJD42CT4G</b> onsemi TRANS PNP 100V 6A DPAK	<b>MJD42CT4G/J42CG</b> AMI Semiconductor/onsemi	<b>MJD44H11G</b> onsemi TRANS NPN 80V 8A DPAK	<b>MJD42CT4</b> onsemi TRANS PWR PNP 6A 100V DPAK	<b>MJD44H11-001</b> onsemi TRANS NPN 80V 8A IPAK	<b>MJD44H11T4</b> onsemi TRANS PWR NPN 8A 80V DPAK
					
<b>MJD42CG</b> onsemi TRANS PNP 100V 6A DPAK	<b>MJD44H11-1G</b> onsemi TRANS NPN 80V 8A IPAK	<b>MJD42C MOS</b> CJ	<b>MJD42CRLG</b> onsemi TRANS PNP 100V 6A DPAK	<b>MJD44H11-7</b> Diodes Incorporated	<b>MJD42CG MOS</b> AMI Semiconductor/onsemi
					
<b>MJD44H11</b> onsemi TRANS POWER NPN 8A 80V DPAK	<b>MJD42C-1G</b> AMI Semiconductor/onsemi	<b>MJD44H11 MOS</b> Fairchild (onsemi)	<b>MJD42CT4G MOS</b>	<b>MJD44H11RLG</b> onsemi TRANS NPN 80V 8A DPAK	<b>MJD44E3T4</b> onsemi TRANS PWR DARL NPN 10A 80V DPAK

## 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.

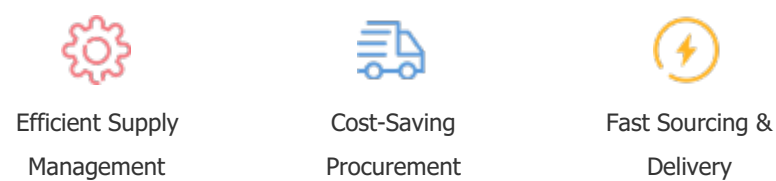
Contact us if you have any questions.

## Payment Support

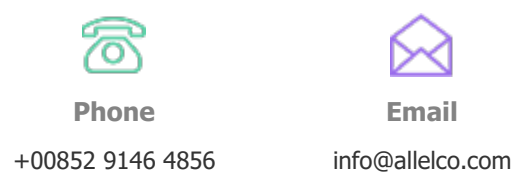
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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