

Image may be representation.  
See specifications for product details.



## MJD122T4

Manufacturer Part Number	<b>MJD122T4</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MJD122T4
ECAD Model	Request Free CAD Models
Parts Description	TRANS DARL NPN 8A 100V DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	<b>MJD122_127, NJVMJD122_127.pdf</b>

**Get a Quote**

MJD122T4 - onsemi.New Original in Stock. Download Linear Technology MJD122T4 datasheet/specifications on AllelcoElec.com.  
Request a quote for MJD122T4, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MJD122T4 Tech Specifications  
MJD122T4 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Cut Tape (CT)
Voltage - Collector Emitter Breakdown (Max)	100 V	Operating Temperature	-65°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	2V @ 15mA, 4A	Mounting Type	Surface Mount
Transistor Type	NPN - Darlington	Frequency - Transition	4MHz
Supplier Device Package	DPAK	DC Current Gain (hFE) (Min) @ Ic, Vce	1000 @ 4A, 4V
Series	-	Current - Collector Cutoff (Max)	10µA
Power - Max	20 W	Current - Collector (Ic) (Max)	8 A
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Base Product Number	MJD12

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MJD122T4

Product Attribute				
Part Number	MJD122T4	MJD122TF	MJD127-TP	MJD122T4
Manufacturer	onsemi	onsemi	Micro Commercial Co	STMicroelectronics
Vce Saturation (Max) @ Ib, Ic	2V @ 15mA, 4A	4V @ 80mA, 8A	4V @ 80mA, 8A	4V @ 80mA, 8A
Series	-	-	-	-
Current - Collector (Ic) (Max)	8 A	8 A	8 A	8 A
Transistor Type	NPN - Darlington	NPN - Darlington	PNP	NPN - Darlington
Base Product Number	MJD12	MJD12	MJD127	MJD122
Frequency - Transition	4MHz	-	-	-
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
Current - Collector Cutoff (Max)	10µA	10µA	10nA (ICBO)	10µA
Voltage - Collector Emitter Breakdown (Max)	100 V	100 V	100 V	100 V
Operating Temperature	-65°C ~ 150°C (TJ)	150°C (TJ)	150°C (TJ)	150°C (TJ)
Power - Max	20 W	1.75 W	1.5 W	20 W
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
DC Current Gain (hFE) (Min) @ Ic, Vce	1000 @ 4A, 4V	1000 @ 4A, 4V	1000 @ 4A, 4V	1000 @ 4A, 4V
Supplier Device Package	DPAK	D-Pak	D-Pak	DPAK
Package	Cut Tape (CT)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

### MJD122T4 Datasheet PDF

Download MJD122T4 pdf datasheets and onsemi documentation for MJD122T4 - onsemi.

#### Datasheets

MJD122\_127, NJVMJD122\_127.pdf

#### Environmental Information

onsemi REACH.pdf

onsemi RoHS.pdf

#### PCN Obsolescence/ EOL

Multiple Devices 07/Jul/2010.pdf

### Customers Also Interested in

#### Recommended Products



### MJD122TF

onsemi  
TRANS NPN DARL 100V 8A DPAK

### MJD127-TP

Micro Commercial Co  
TRANS PNP 100V 8A DPAK

### MJD122T4

STMicroelectronics  
TRANS NPN DARL 100V 8A DPAK

### MJD122T4 MOS

STMicroelectronics

### MJD122

CJ

### MJD127 MOS

AMI Semiconductor/onsemi



### MJD121E300

NA

### MJD122G

onsemi  
TRANS NPN DARL 100V 8A DPAK

### MJD122T4G MOS

AMI Semiconductor/onsemi

### MJD122/127

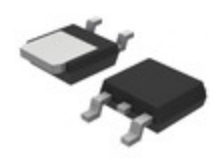
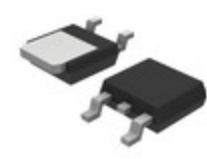
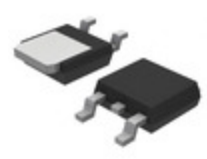
AMI Semiconductor/onsemi

### MJD122 MOS

AMI Semiconductor/onsemi

### MJD122DTT4

STMicroelectronics



### MJD127G

onsemi  
TRANS PNP DARL 100V 8A DPAK

### MJD127

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TRANS DARL PNP 8A 100V DPAK

### MJD122-1G

onsemi  
TRANS NPN DARL 100V 8A DPAK

### MJD122T4G

onsemi  
TRANS NPN DARL 100V 8A DPAK

### MJD122T4G/J122G

AMI Semiconductor/onsemi

### MJD117TF

Fairchild Semiconductor  
POWER BIPOLAR TRANSISTOR, 2A,  
10

## 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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