

Image may be representation.
See specifications for product details.



MJD42CRLG

Manufacturer Part Number	MJD42CRLG
Manufacturer	onsemi
Allelco Part Number	32D-MJD42CRLG
ECAD Model	Request Free CAD Models
Parts Description	TRANS PNP 100V 6A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	MJD41C, MJD42C.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MJD42CRLG - onsemi.New Original in Stock. Download Linear Technology MJD42CRLG datasheet/specifications on AllelcoElec.com.
Request a quote for MJD42CRLG, please send us email: info@allelco.com

Specifications

MJD42CRLG Tech Specifications

MJD42CRLG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	100 V	Operating Temperature	-65°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	1.5V @ 600mA, 6A	Mounting Type	Surface Mount
Transistor Type	PNP	Frequency - Transition	3MHz
Supplier Device Package	DPAK	DC Current Gain (hFE) (Min) @ Ic, Vce	15 @ 3A, 4V
Series	-	Current - Collector Cutoff (Max)	50µA
Power - Max	1.75 W	Current - Collector (Ic) (Max)	6 A
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Base Product Number	MJD42

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MJD42CRLG

Product Attribute				
Part Number	MJD42CRLG	MJD42C	MJD44E3T4G	MJD44H11
Manufacturer	onsemi	onsemi	onsemi	onsemi
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
Operating Temperature	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-
Power - Max	1.75 W	1.75 W	1.75 W	20 W
Transistor Type	PNP	PNP	NPN - Darlington	NPN
Current - Collector (Ic) (Max)	6 A	6 A	10 A	8 A
DC Current Gain (hFE) (Min) @ Ic, Vce	15 @ 3A, 4V	15 @ 3A, 4V	1000 @ 5A, 5V	60 @ 2A, 1V
Current - Collector Cutoff (Max)	50µA	50µA	10µA	1µA
Base Product Number	MJD42	MJD42	MJD44	MJD44
Voltage - Collector Emitter Breakdown (Max)	100 V	100 V	80 V	80 V
Supplier Device Package	DPAK	DPAK	DPAK	DPAK
Frequency - Transition	3MHz	3MHz	-	85MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Vce Saturation (Max) @ Ib, Ic	1.5V @ 600mA, 6A	1.5V @ 600mA, 6A	2V @ 20mA, 10A	1V @ 400mA, 8A
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube

MJD42CRLG Datasheet PDF

Download MJD42CRLG pdf datasheets and onsemi documentation for MJD42CRLG - onsemi.

Datasheets

[MJD41C, MJD42C.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)








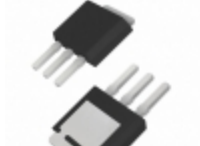




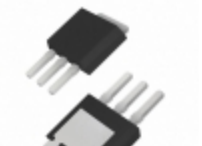
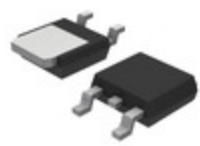



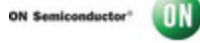
[onsemi RoHS.pdf](#)

PCN Assembly/Origin

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

Customers Also Interested in

Recommended Products

 MJD41CT4G/J41CG AMI Semiconductor/onsemi	 MJD42C onsemi TRANS PNP 100V 6A DPAK	 MJD44E3T4G onsemi TRANS NPN DARL 80V 10A DPAK	 MJD42CT4G MOS	 MJD44H11 onsemi TRANS POWER NPN 8A 80V DPAK	 MJD42CG MOS AMI Semiconductor/onsemi
 MJD44E3T4 onsemi TRANS PWR DARL NPN 10A 80V DPAK	 MJD44H11-001 onsemi TRANS NPN 80V 8A IPAK	 MJD42CG onsemi TRANS PNP 100V 6A DPAK	 MJD42CT4 onsemi TRANS PWR PNP 6A 100V DPAK	 MJD41CT4G onsemi TRANS NPN 100V 6A DPAK	 MJD42C MOS CJ
 MJD44H11-1G onsemi TRANS NPN 80V 8A IPAK	 MJD42CT4G onsemi TRANS PNP 100V 6A DPAK	 MJD41CTF Fairchild Semiconductor TRANS NPN 100V 6A TO252	 MJD41CT4G MOS	 MJD41CTF onsemi TRANS NPN 100V 6A TO252AA	 MJD42C-1G AMI Semiconductor/onsemi

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.



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