

Image may be representation.
See specifications for product details.



MBRD620CTT4G

Manufacturer Part Number	MBRD620CTT4G
Manufacturer	onsemi
Allelco Part Number	32D-MBRD620CTT4G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE ARRAY SCHOTTKY 20V 3A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	MBRD620CTG, NRVBD640CTG Series.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MBRD620CTT4G - onsemi.New Original in Stock. Download Linear Technology MBRD620CTT4G datasheet/specifications on AllelcoElec.com.
Request a quote for MBRD620CTT4G, please send us email: info@allelco.com

Specifications

MBRD620CTT4G Tech Specifications
MBRD620CTT4G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	700 mV @ 3 A	Operating Temperature - Junction	-65°C ~ 175°C
Voltage - DC Reverse (Vr) (Max)	20 V	Mounting Type	Surface Mount
Technology	Schottky	Diode Configuration	1 Pair Common Cathode
Supplier Device Package	DPAK	Current - Reverse Leakage @ Vr	100 µA @ 20 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	3A
Series	SWITCHMODE™	Base Product Number	MBRD620
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBRD620CTT4G

Product Attribute				
Part Number	MBRD620CTT4G	MBRD640CTG	MBRD630CT	MBRD620CTT4
Manufacturer	onsemi	onsemi	SMC Diode Solutions	onsemi
Operating Temperature - Junction	-65°C ~ 175°C	-65°C ~ 175°C	-55°C ~ 150°C	-65°C ~ 175°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MBRD620	MBRD640	MBRD630	MBRD620
Series	SWITCHMODE™	SWITCHMODE™	-	SWITCHMODE™
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Current - Average Rectified (Io) (per Diode)	3A	3A	-	3A
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
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Voltage - DC Reverse (Vr) (Max)	20 V	40 V	30 V	20 V
Voltage - Forward (Vf) (Max) @ If	700 mV @ 3 A	700 mV @ 3 A	700 mV @ 3 A	700 mV @ 3 A
Supplier Device Package	DPAK	DPAK	DPAK	DPAK
Current - Reverse Leakage @ Vr	100 µA @ 20 V	100 µA @ 40 V	100 µA @ 30 V	100 µA @ 20 V
Technology	Schottky	Schottky	Schottky	Schottky
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)

MBRD620CTT4G Datasheet PDF

Download MBRD620CTT4G pdf datasheets and onsemi documentation for MBRD620CTT4G - onsemi.

Datasheets

[MBRD620CTG, NRVBD640CTG Series.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification


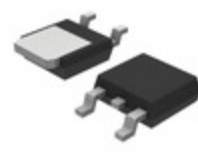





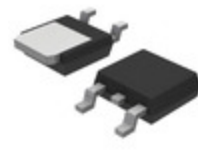
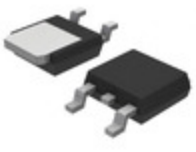




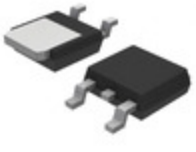


[Mult Dev Material/Wafer Chg 7/Mar/2018.pdf](#)

PCN Assembly/Origin

[Mult Dev 14/Mar/2023.pdf](#)

Customers Also Interested in

Recommended Products

 MBRD620LT4G AMI Semiconductor/onsemi	 MBRD640CTG onsemi DIODE ARRAY SCHOTTKY 40V 3A DPAK	 MBRD5U150-RTF/H MOS KEC	 MBRD5U200D-RTF/P KEC	 MBRD630CT SMC Diode Solutions DIODE ARRAY SCHOTTKY 30V DPAK	 MBRD630LT4G AMI Semiconductor/onsemi
 MBRD640CTT4 MOS AMI Semiconductor/onsemi	 MBRD620CTT4 onsemi DIODE ARRAY SCHOTTKY 20V 3A DPAK	 MBRD630CTT4G onsemi DIODE ARRAY SCHOTTKY 30V 3A DPAK	 MBRD620CT AMI Semiconductor/onsemi	 MBRD6100CT-TP-HF Micro Commercial Components (MCC)	 MBRD640CTT4 AMI Semiconductor/onsemi
 MBRD640 AMI Semiconductor/onsemi	 MBRD6100CT SMC Diode Solutions DIODE ARRAY SCHOTTKY 100V DPAK	 MBRD640CT onsemi DIODE ARRAY SCHOTTKY 40V 3A DPAK	 MBRD5U200D-RTF/H KEC	 MBRD5U200D-RTF KEC	 MBRD6100CT-TP Micro Commercial Co DIODE SCHOTTKY 100V 6A 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

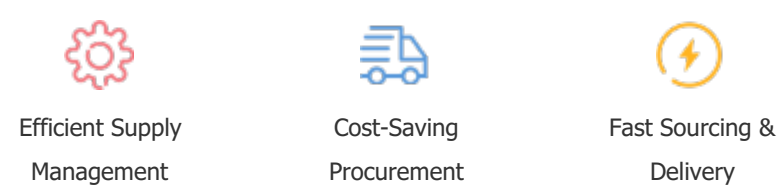
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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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