



Image may be representation.
See specifications for product details.



MMBD2838LT1G

Manufacturer Part Number	MMBD2838LT1G
Manufacturer	onsemi
Allelco Part Number	32D-MMBD2838LT1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE ARRAY GP 50V 100MA SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	MMBD,SMMBD283(7,8)LT1G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MMBD2838LT1G - onsemi.New Original in Stock. Download Linear Technology MMBD2838LT1G datasheet/specifications on AllelcoElec.com.
Request a quote for MMBD2838LT1G, please send us email: info@allelco.com

Specifications

MMBD2838LT1G Tech Specifications
MMBD2838LT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	TO-236-3, SC-59, SOT-23-3
Voltage - Forward (Vf) (Max) @ If	1.2 V @ 100 mA	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	50 V	Operating Temperature - Junction	-55°C ~ 150°C
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-3 (TO-236)	Diode Configuration	1 Pair Common Cathode
Speed	Small Signal =< 200mA (Io), Any Speed	Current - Reverse Leakage @ Vr	100 nA @ 50 V
Series	-	Current - Average Rectified (Io) (per Diode)	100mA
Reverse Recovery Time (trr)	4 ns	Base Product Number	MMBD2838

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MMBD2838LT1G

Product Attribute				
Part Number	MMBD2838LT1G	MMBD2838LT1	MMBD2837LT1	MMBD2837LT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed
Current - Reverse Leakage @ Vr	100 nA @ 50 V	100 nA @ 50 V	100 nA @ 30 V	100 nA @ 30 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	1.2 V @ 100 mA	1.2 V @ 100 mA	1.2 V @ 100 mA	1.2 V @ 100 mA
Supplier Device Package	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Base Product Number	MMBD2838	MMBD28	MMBD28	MMBD2837
Technology	Standard	Standard	Standard	Standard
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C
Reverse Recovery Time (trr)	4 ns	4 ns	4 ns	4 ns
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - DC Reverse (Vr) (Max)	50 V	50 V	30 V	30 V
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Current - Average Rectified (Io) (per Diode)	100mA	100mA	100mA	100mA

MMBD2838LT1G Datasheet PDF

Download MMBD2838LT1G pdf datasheets and onsemi documentation for MMBD2838LT1G - onsemi.

Datasheets

[MMBD,SMMBD283\(7,8\)LT1G.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification

[SOT23 16/Sep/2016.pdf](#)



















[Glue Mount Process 11/July/2008.pdf](#)

PCN Assembly/Origin

[Mold Compound 02/Apr/2020.pdf](#)

Customers Also Interested in

Recommended Products

 NO PICTURE					
MMBD2836 XX	MMBD2838LT1 onsemi DIODE ARRAY GP 50V 100MA SOT23-3	MMBD3004CC RF Taiwan Semiconductor	MMBD3004A Diodes Incorporated	MMBD2837LT1 onsemi DIODE ARRAY GP 30V 100MA SOT23-3	MMBD2837LT1G onsemi DIODE ARRAY GP 30V 100MA SOT23-3
			 NO PICTURE		
MMBD3004C-7-F Diodes Incorporated DIODE ARRAY GP 300V 225MA SOT23	MMBD2837 AMI Semiconductor/onsemi	MMBD2838 onsemi DIODE ARRAY GP 75V 200MA SOT23-3	MMBD2838LT1G/MA6 LRC	MMBD3004BRM-7-F Diodes Incorporated DIODE ARRAY GP 300V 225MA SOT26	MMBD3004A-7-F Diodes Incorporated DIODE ARRAY GP 300V 225MA SOT23
	 NO PICTURE		 NO PICTURE	 NO PICTURE	
MMBD2838 Fairchild Semiconductor RECTIFIER DIODE, 2 ELEMENT, 0.2A	MMBD3004BRM PANJIT	MMBD2836LT1 onsemi DIODE SWITCH DUAL 75V SOT23	MMBD3004C MSV	MMBD3004BRM/TR PANJIT	MMBD2836LT1G onsemi DIODE ARRAY GP 75V 100MA SOT23-3

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.

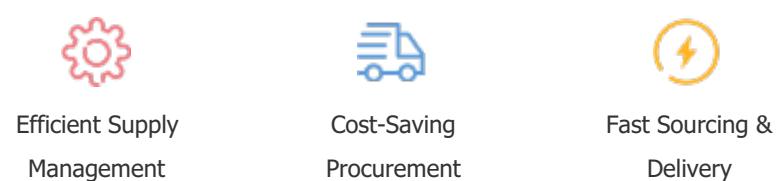
Payment Support

The payment method can be chosen from the methods shown below:

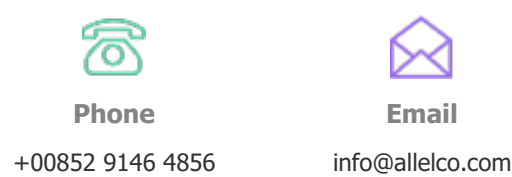
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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