

Image may be representation.
See specifications for product details.



Z0103MARL1G

Manufacturer Part Number	Z0103MARL1G
Manufacturer	onsemi
Allelco Part Number	32D-Z0103MARL1G
ECAD Model	Request Free CAD Models
Parts Description	TRIAC SENS GATE 600V 1A TO92-3
Package	TO-226-3, TO-92-3 Long Body (Formed Leads)
Data sheet	Z0103MA.pdf

Get a Quote

Z0103MARL1G - onsemi.New Original in Stock. Download Linear Technology Z0103MARL1G datasheet/specifications on AllelcoElec.com.
Request a quote for Z0103MARL1G, please send us email: info@allelco.com

Specifications

Z0103MARL1G Tech Specifications
Z0103MARL1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Off State	600 V	Mounting Type	Through Hole
Voltage - Gate Trigger (Vgt) (Max)	1.3 V	Current - On State (It (RMS)) (Max)	1 A
Triac Type	Logic - Sensitive Gate	Current - Non Rep. Surge 50, 60Hz (Itsm)	8A @ 60Hz
Supplier Device Package	TO-92 (TO-226)	Current - Hold (Ih) (Max)	10 mA
Series	-	Current - Gate Trigger (Igt) (Max)	3 mA
Package / Case	TO-226-3, TO-92-3 Long Body (Formed Leads)	Configuration	Single
Package	Tape & Reel (TR)	Base Product Number	Z010

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi Z0103MARL1G

Product Attribute				
Part Number	Z0103MARL1G	Z0103MA 1AA2	Z0103MA 5AL2	Z0103DN 5AA4
Manufacturer	onsemi	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Non Rep. Surge 50, 60Hz (Itsm)	8A @ 60Hz	8A, 8.5A	8A, 8.5A	8A, 8.5A
Series	-	-	-	-
Current - Hold (Ih) (Max)	10 mA	7 mA	7 mA	7 mA
Voltage - Gate Trigger (Vgt) (Max)	1.3 V	1.3 V	1.3 V	1.3 V
Base Product Number	Z010	Z0103	Z0103	Z0103
Voltage - Off State	600 V	600 V	600 V	400 V
Triac Type	Logic - Sensitive Gate	Logic - Sensitive Gate	Logic - Sensitive Gate	Logic - Sensitive Gate
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Current - Gate Trigger (Igt) (Max)	3 mA	3 mA	3 mA	3 mA
Supplier Device Package	TO-92 (TO-226)	TO-92-3	TO-92-3	SOT-223
Package / Case	TO-226-3, TO-92-3 Long Body (Formed Leads)	TO-226-3, TO-92-3 (TO-226AA)	TO-226-3, TO-92-3 (TO-226AA) Formed Leads	TO-261-4, TO-261AA
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Configuration	Single	Single	Single	Single
Mounting Type	Through Hole	Through Hole	Through Hole	Surface Mount
Current - On State (It (RMS)) (Max)	1 A	1 A	1 A	1 A

Z0103MARL1G Datasheet PDF

Download Z0103MARL1G pdf datasheets and onsemi documentation for Z0103MARL1G - onsemi.

Datasheets

Z0103MA.pdf

Environmental Information

onsemi REACH.pdf

onsemi RoHS.pdf

PCN Obsolescence/ EOL

Multiple Devices 08/Nov/2014.pdf



















Multiple Devices Revision 26/Nov/2014.pdf

PCN Design/Specification

Cu wire conversion/New compound 26/Jul/2013.pdf

Customers Also Interested in

Recommended Products

 Z0103MA Freescale / NXP Semiconductors	 Z0103MA 1AA2 STMicroelectronics TRIAC SENS GATE 600V 1A TO92-3	 Z0103MAO Freescale / NXP Semiconductors	 Z0103DN5AA4 STMicroelectronics	 Z0103MA 5AL2 STMicroelectronics TRIAC SENS GATE 600V 1A TO92-3	 Z0103DN 5AA4 STMicroelectronics TRIAC SENS GATE 400V 1A SOT223
 Z0103MA 2AL2 STMicroelectronics TRIAC SENS GATE 600V 1A TO92-3	 Z0103MN+135 Freescale / NXP Semiconductors	 Z0103MNO WeEn Semiconductors Co., Ltd	 Z0103MN MOS Freescale / NXP Semiconductors	 Z0103MN WeEn Semiconductors Co., Ltd	 Z0103MAO Freescale / NXP Semiconductors
 Z0103M Freescale / NXP Semiconductors	 Z0103MN 6AA4 STMicroelectronics TRIAC SENS GATE 600V 1A SOT223	 Z0103MN 5AA4/A STMicroelectronics	 Z0103MA1AA2 STMicroelectronics	 Z0103MN 5AA4 STMicroelectronics TRIAC SENS GATE 600V 1A SOT223	 Z0103MN5AA4 STMicroelectronics

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

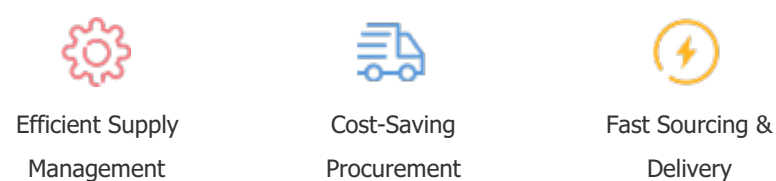
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

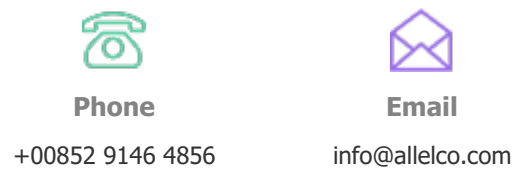
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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