



Image may be representation.
See specifications for product details.



SMMDL6050T1G

Manufacturer Part Number	SMMDL6050T1G
Manufacturer	onsemi
Allelco Part Number	32D-SMMDL6050T1G
ECAD Model	Request Free CAD Models
Parts Description	DIODE GEN PURP 70V 200MA SOD323
Package	SC-76, SOD-323
Data sheet	MMDL6050T1G, SMMDL6050T1G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SMMDL6050T1G - onsemi.New Original in Stock. Download Linear Technology SMMDL6050T1G datasheet/specifications on AllelcoElec.com.
Request a quote for SMMDL6050T1G, please send us email: info@allelco.com

Specifications

SMMDL6050T1G Tech Specifications
SMMDL6050T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SC-76, SOD-323
Voltage - Forward (Vf) (Max) @ If	1.1 V @ 100 mA	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	70 V	Operating Temperature - Junction	-55°C ~ 150°C
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	SOD-323	Current - Reverse Leakage @ Vr	100 nA @ 50 V
Speed	Small Signal =< 200mA (Io), Any Speed	Current - Average Rectified (Io)	200mA
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	4 ns	Base Product Number	SMMDL6050

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SMMDL6050T1G

Product Attribute				
Part Number	SMMDL6050T1G	SMMDL914T1G	SMMSD103T1G	SMMSD4148T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Average Rectified (Io)	200mA	200mA	200mA	200mA
Base Product Number	SMMDL6050	SMMDL914	SMMSD103	SMMSD4148
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
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C
Supplier Device Package	SOD-323	SOD-323	SOD-123	SOD-123
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	SC-76, SOD-323	SC-76, SOD-323	SOD-123	SOD-123
Voltage - Forward (Vf) (Max) @ If	1.1 V @ 100 mA	1 V @ 10 mA	1.25 V @ 200 mA	1 V @ 10 mA
Capacitance @ Vr, F	-	4pF @ 0V, 1MHz	5pF @ 0V, 1MHz	4pF @ 0V, 1MHz
Reverse Recovery Time (trr)	4 ns	4 ns	50 ns	4 ns
Voltage - DC Reverse (Vr) (Max)	70 V	100 V	250 V	100 V
Technology	Standard	Standard	Standard	Standard
Current - Reverse Leakage @ Vr	100 nA @ 50 V	5 µA @ 75 V	1 µA @ 200 V	5 µA @ 75 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Series	-	-	-	-

SMMDL6050T1G Datasheet PDF

Download SMMDL6050T1G pdf datasheets and onsemi documentation for SMMDL6050T1G - onsemi.

Datasheets

[MMDL6050T1G, SMMDL6050T1G.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Assembly/Origin

[Multi Devices 06/Jun/2017.pdf](#)

Customers Also Interested in

Recommended Products

**SMMBTA56LT3G**

onsemi
TRANS PNP 80V 0.5A SOT23-3

**SMMDL914T1G**

onsemi
DIODE GEN PURP 100V 200MA SOD323

**SMMBTA56WT1G**

onsemi
TRANS PNP 80V 0.5A SC70-3

**SMMBTA64LT1G**

onsemi
TRANS PNP DARL 30V 0.5A SOT23-3

**SMMBTA92LT1G**

onsemi
TRANS PNP 300V 0.5A SOT23-3

**SMMUN1003LT1**

AMI Semiconductor/onsemi

**SMMBZ33VALT1G**

onsemi
TVS DIODES 26VWM 46VC SOT23

**SMMUN1003LT1G**

AMI Semiconductor/onsemi

**SMMD830-SOD323**

MACOM Technology Solutions
DIODE,SRD-CHIP-PACKAGE, SOD323

**SMMSD103T1G**

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DIODE GEN PURP 250V 200MA SOD123

**SMMD805-SOD323**

MACOM Technology Solutions
DIODE,SRD-CHIP-PACKAGE, SOD323

**SMMD810-SOD323**

MACOM Technology Solutions
DIODE,SRD-CHIP-PACKAGE, SOD323

**SMMSD4148T1G**

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DIODE GEN PURP 100V 200MA SOD123

**SMMSD914T1G**

onsemi
DIODE GEN PURP 100V 200MA SOD123

**SMMSD4148T3G**

onsemi
DIODE GEN PURP 100V 200MA SOD123

**SMMDL914LT1G**

AMI Semiconductor/onsemi

**SMMD820-SOD323**

MACOM Technology Solutions
DIODE,SRD-CHIP-PACKAGE, SOD323

**SMMBTA56LT1G**

onsemi
TRANS PNP 80V 0.5A 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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

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Email

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Certifications & Memberships



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