

Image may be representation.  
See specifications for product details.



## MDC3105LT1

Manufacturer Part Number	<b>MDC3105LT1</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MDC3105LT1
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRVR BIPOLAR 1:1 SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	<b>MDC3105 Series.pdf</b> <b>MDC3105 Series.pdf</b>

**Get a Quote**

MDC3105LT1 - onsemi.New Original in Stock. Download Linear Technology MDC3105LT1 datasheet/specifications on AllelcoElec.com.  
Request a quote for MDC3105LT1, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MDC3105LT1 Tech Specifications  
MDC3105LT1 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Configuration	Low Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Load	6V (Max)	Number of Outputs	1
Switch Type	Relay, Solenoid Driver	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-3 (TO-236)	Interface	On/Off
Series	-	Input Type	-
Rds On (Typ)	-	Features	-
Ratio - Input:Output	1:1	Fault Protection	-
Package / Case	TO-236-3, SC-59, SOT-23-3	Current - Output (Max)	500mA
Package	Tape & Reel (TR)	Base Product Number	MDC3105
Output Type	Bipolar		

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MDC3105LT1

Product Attribute				
Part Number	MDC3105LT1	<b>MDC3105DMT1</b>	<b>MDC3105DMT1G</b>	<b>MDC3105LT1G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Output Type	Bipolar	Bipolar	Bipolar	Bipolar
Number of Outputs	1	2	2	1
Rds On (Typ)	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Switch Type	Relay, Solenoid Driver	Relay, Solenoid Driver	Relay, Solenoid Driver	Relay, Solenoid Driver
Fault Protection	-	-	-	-
Ratio - Input:Output	1:1	1:1	1:1	1:1
Output Configuration	Low Side	Low Side	Low Side	Low Side
Voltage - Load	6V (Max)	6V (Max)	6V (Max)	6V (Max)
Base Product Number	MDC3105	MDC3105	MDC3105	MDC3105
Current - Output (Max)	500mA	500mA	500mA	500mA
Features	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	SOT-23-3 (TO-236)	SC-74	SC-74	SOT-23-3 (TO-236)
Interface	On/Off	On/Off	On/Off	On/Off
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Input Type	-	-	-	-
Series	-	-	-	-
Package / Case	TO-236-3, SC-59, SOT-23-3	SC-74, SOT-457	SC-74, SOT-457	TO-236-3, SC-59, SOT-23-3

## MDC3105LT1 Datasheet PDF

Download MDC3105LT1 pdf datasheets and onsemi documentation for MDC3105LT1 - onsemi.

### Datasheets

[MDC3105 Series.pdf](#)

### Environmental Information



















[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

 MDC3105 Series.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MDC310-16I01B</b> IXYS / Littelfuse IGBT Module	<b>MDC320-30I02</b> IXYS / Littelfuse IGBT Module	<b>MDC312-16I08</b> IXYS / Littelfuse IGBT Module	<b>MDC3012F-4R7M</b> TAI-TECH	<b>MDC3105DMT1</b> onsemi IC PWR DRIVER BIPOLAR 1:1 SC74	<b>MDC312-16I01</b> IXYS / Littelfuse IGBT Module
					
<b>MDC300-18</b> IGBT IGBT Module	<b>MDC312-14I08</b> IXYS / Littelfuse IGBT Module	<b>MDC312-12I01</b> IXYS / Littelfuse IGBT Module	<b>MDC310-16I01B</b> IXYS / Littelfuse IGBT Module	<b>MDC312-08I08</b> IXYS / Littelfuse IGBT Module	<b>MDC3105DMT1G</b> onsemi IC PWR DRIVER BIPOLAR 1:1 SC74
					
<b>MDC3105LT1G</b> onsemi IC PWR DRVR BIPOLAR 1:1 SOT23-3	<b>MDC300-22</b> MDC IGBT Module	<b>MDC300A1600V</b> IGBT IGBT Module	<b>MDC312-08I01</b> IXYS / Littelfuse IGBT Module	<b>MDC312-12I08</b> IXYS / Littelfuse IGBT Module	<b>MDC312-14I01</b> IXYS / Littelfuse IGBT Module

## 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.

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### Certifications & Memberships



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