

Image may be representation.  
See specifications for product details.



## MMBTA56LT1G

Manufacturer Part Number	<b>MMBTA56LT1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MMBTA56LT1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TRANS PNP 80V 0.5A SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	<b>MMBTA55L_56L, SMMBTA56L Series.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MMBTA56LT1G - onsemi.New Original in Stock. Download Linear Technology MMBTA56LT1G datasheet/specifications on AllelcoElec.com.  
Request a quote for MMBTA56LT1G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MMBTA56LT1G Tech Specifications

MMBTA56LT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	80 V	Operating Temperature	-55°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	250mV @ 10mA, 100mA	Mounting Type	Surface Mount
Transistor Type	PNP	Frequency - Transition	50MHz
Supplier Device Package	SOT-23-3 (TO-236)	DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 100mA, 1V
Series	-	Current - Collector Cutoff (Max)	100nA (ICBO)
Power - Max	225 mW	Current - Collector (Ic) (Max)	500 mA
Package / Case	TO-236-3, SC-59, SOT-23-3	Base Product Number	MMBTA56

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MMBTA56LT1G

Product Attribute				
Part Number	MMBTA56LT1G	MMBTA56Q-7-F	MMBTA56LT1	MMBTA56LT1
Manufacturer	onsemi	Diodes Incorporated	onsemi	Infineon Technologies
Transistor Type	PNP	PNP	PNP	PNP
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-	-
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 - Collector (Ic) (Max)	500 mA	500 mA	500 mA	500 mA
Power - Max	225 mW	350 mW	225 mW	225 mW
Frequency - Transition	50MHz	50MHz	50MHz	50MHz
Vce Saturation (Max) @ Ib, Ic	250mV @ 10mA, 100mA	250mV @ 10mA, 100mA	250mV @ 10mA, 100mA	250mV @ 10mA, 100mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Bulk
Supplier Device Package	SOT-23-3 (TO-236)	SOT-23-3	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)
Base Product Number	MMBTA56	MMBTA56	MMBTA56	-
Current - Collector Cutoff (Max)	100nA (ICBO)	100nA (ICBO)	100nA	100nA
Voltage - Collector Emitter Breakdown (Max)	80 V	80 V	80 V	80 V
Series	-	Automotive, AEC-Q101	-	-
DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 100mA, 1V	100 @ 100mA, 1V	100 @ 100mA, 1V	100 @ 100mA, 1V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### MMBTA56LT1G Datasheet PDF

Download MMBTA56LT1G pdf datasheets and onsemi documentation for MMBTA56LT1G - onsemi.

#### Datasheets

[MMBTA55L\\_56L, SMMBTA56L Series.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Design/Specification

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



















[Copper Wire Update 10/Sep/2015.pdf](#)

#### PCN Assembly/Origin

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

### Customers Also Interested in

## Recommended Products

					
<b>MMBTA56Q-7-F</b> Diodes Incorporated TRANS PNP 80V 0.5A SOT23-3	<b>MMBTA56LT1</b> onsemi TRANS DRIVER SS PNP 80V SOT23	<b>MMBTA56LT1</b> Infineon Technologies TRANS PNP 80V 0.5A SOT23-3	<b>MMBTA56Q-13-F</b> Diodes Incorporated TRANS PNP 80V 0.5A SOT23-3	<b>MMBTA56-7</b> Diodes Incorporated TRANS PNP 80V 0.5A SOT23-3	<b>MMBTA56WT1G</b> onsemi TRANS PNP 80V 0.5A SC70-3
					
<b>MMBTA64-7-F</b> Diodes Incorporated TRANS PNP DARL 30V 0.5A SOT23-3	<b>MMBTA56 T/R</b> PANJIT	<b>MMBTA64</b> Fairchild Semiconductor TRANS PNP DARL 30V 1.2A SOT23	<b>MMBTA56-AU</b> PANJIT	<b>MMBTA56LT3G</b> onsemi TRANS PNP 80V 0.5A SOT23-3	<b>MMBTA63-7-F</b> Diodes Incorporated TRANS PNP DARL 30V 0.5A SOT23-3
					
<b>MMBTA56-7-F</b> Diodes Incorporated TRANS PNP 80V 0.5A SOT23-3	<b>MMBTA56-GS18</b> Electro-Films (EFI) / Vishay	<b>MMBTA63LT1G</b> onsemi TRANS PNP DARL 30V 0.5A SOT23-3	<b>MMBTA56-TP</b> Micro Commercial Co TRANS PNP 80V 0.5A SOT23	<b>MMBTA64</b> onsemi TRANS PNP DARL 30V 1.2A SOT23-3	<b>MMBTA56 2GM</b> CJ

## 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

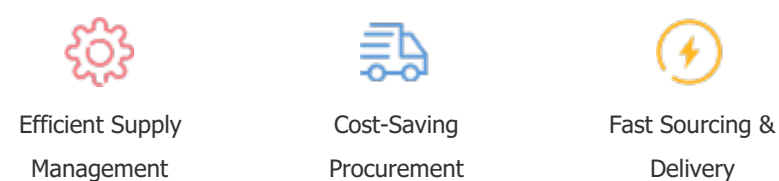
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

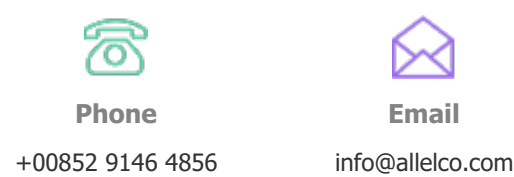
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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