(infineon

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MMBTA42LT1

Allelco Part Number

Manufacturer Part Number MMBTA42LT1

Infineon Technologies Manufacturer

ECAD Model Request Free CAD Models

Parts Description TRANS NPN 300V 0.5A SOT23-3

32D-MMBTA42LT1

TO-236-3, SC-59, SOT-23-3 Package

MMBTA42LT1.pdf Data sheet ROHS3 Compliant RoHs Status

MMBTA42LT1 - Infineon Technologies.New Original in Stock. Download Linear Technology MMBTA42LT1 datasheet/specifications on AllelcoElec.com.

Request a quote for MMBTA42LT1, please send us email: info@allelco.com

Specifications

MMBTA42LT1 Tech Specifications

MMBTA42LT1 - Infineon Technologies technical specifications, attributes, parameters

This is the production of the initial operations, and is access, parameters				
Product Attribute	Attribute Value	Product Attribute	Attribute Value	
Manufacturer	Infineon Technologies	Package	Bulk	
Voltage - Collector Emitter Breakdown (Max)	300 V	Operating Temperature	-	
Vce Saturation (Max) @ Ib, Ic	500mV @ 2mA, 20mA	Mounting Type	Surface Mount	
Transistor Type	NPN	Frequency - Transition	50MHz	
Supplier Device Package	SOT-23-3 (TO-236)	DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 30mA, 10V	
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			

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies MMBTA42LT1

ne three parts on the right have similar specifications to Infineon Technologies MMBTA42LTI				
Product Attribute	NO PICTURE			
Part Number	MMBTA42LT1	MMBTA44	MMBTA42LT3G	MMBTA42Q-7-F
Manufacturer	Infineon Technologies	Diotec Semiconductor	onsemi	Diodes Incorporated
Frequency - Transition	50MHz	50MHz	50MHz	50MHz
Power - Max	225 mW	250 mW	225 mW	300 mW
Transistor Type	NPN	NPN	NPN	NPN
Series	-	-	-	Automotive, AEC-Q101
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Voltage - Collector Emitter Breakdown (Max)	300 V	400 V	300 V	300 V
DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 30mA, 10V	50 @ 10mA, 10V	40 @ 30mA, 10V	40 @ 30mA, 10V
Current - Collector Cutoff (Max)	100nA (ICBO)	100nA (ICBO)	100nA (ICBO)	100nA (ICBO)
Supplier Device Package	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3
Package	Bulk	Strip	Tape & Reel (TR)	Tape & Reel (TR)
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
Vce Saturation (Max) @ Ib, Ic	500mV @ 2mA, 20mA	750mV @ 5mA, 50mA	500mV @ 2mA, 20mA	500mV @ 2mA, 20mA
Current - Collector (Ic) (Max)	500 mA	300 mA	500 mA	500 mA

Customers Also Interested in

Recommended Products







MMBTA42LT3G onsemi TRANS NPN 300V 0.5A SOT23-3



MMBTA42TL1 LRC



MMBTA42Q-7-F Diodes Incorporated SS HI VOLTAGE TRANSISTOR SOT23



MMBTA42-RTK/P

AMI Semiconductor/onsemi



MMBTA421D



NO PICTURE

MMBTA42L-AE3-R UTC



MMBTA42-7-F

Diodes Incorporated TRANS NPN 300V 0.5A SOT23-3



MMBTA42LT1G





MMBTA42-7

Diodes Incorporated TRANS NPN 300V 0.5A SOT23-3







MMBTA44

Yangzhou Yangjie Electronic Technology Co.,Ltd TRANS NPN 400V 0.2A SOT23











NO PICTURE



MMBTA42G-AE3-R

UTC

MMBTA42/TR

PANJIT

onsemi TRANS SS NPN 300V HV SOT23

MMBTA42LT1

MMBTA42-NL Fairchild (onsemi)

MMBTA42-AE3-R

UTC

MMBTA42T/R **PANJIT**

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

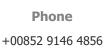






Contact us if you have any questions.







Certifications & Memberships













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