



Image may be representation.
See specifications for product details.



MMBT2222ALT3G

Manufacturer Part Number	MMBT2222ALT3G
Manufacturer	onsemi
Allelco Part Number	32D-MMBT2222ALT3G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	TRANS NPN 40V 0.6A SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	MMBT/SMMBT2222(A)L Datasheet.pdf MMBT/SMMBT2222(A)L Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MMBT2222ALT3G - onsemi.New Original in Stock. Download Linear Technology MMBT2222ALT3G datasheet/specifications on AllelcoElec.com.
Request a quote for MMBT2222ALT3G, please send us email: info@allelco.com

Specifications

MMBT2222ALT3G Tech Specifications
MMBT2222ALT3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	40 V	Operating Temperature	-55°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	1V @ 50mA, 500mA	Mounting Type	Surface Mount
Transistor Type	NPN	Frequency - Transition	300MHz
Supplier Device Package	SOT-23-3 (TO-236)	DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 150mA, 10V
Series	-	Current - Collector Cutoff (Max)	10nA (ICBO)
Power - Max	300 mW	Current - Collector (Ic) (Max)	600 mA
Package / Case	TO-236-3, SC-59, SOT-23-3	Base Product Number	MMBT2222

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MMBT2222ALT3G

Product Attribute				
Part Number	MMBT2222ALT3G	MMBT2222AQ-7-F	MMBT2222AT	MMBT2222ALT1
Manufacturer	onsemi	Diodes Incorporated	onsemi	onsemi
Current - Collector (Ic) (Max)	600 mA	600 mA	600 mA	600 mA
Vce Saturation (Max) @ Ib, Ic	1V @ 50mA, 500mA	1V @ 50mA, 500mA	1V @ 50mA, 500mA	1V @ 50mA, 500mA
Base Product Number	MMBT2222	MMBT2222	MMBT2222	MMBT2222
Current - Collector Cutoff (Max)	10nA (ICBO)	10nA	-	10nA (ICBO)
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	SC-89, SOT-490	TO-236-3, SC-59, SOT-23-3
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	SOT-23-3 (TO-236)	SOT-23-3	SC-89-3	SOT-23-3 (TO-236)
Transistor Type	NPN	NPN	NPN	NPN
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	150°C (TJ)	-55°C ~ 150°C (TJ)
Frequency - Transition	300MHz	300MHz	300MHz	300MHz
Series	-	Automotive, AEC-Q101	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Cut Tape (CT)
Voltage - Collector Emitter Breakdown (Max)	40 V	40 V	40 V	40 V
Power - Max	300 mW	310 mW	250 mW	225 mW
DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 150mA, 10V	100 @ 150mA, 10V	100 @ 150mA, 1V	100 @ 150mA, 10V

MMBT2222ALT3G Datasheet PDF

Download MMBT2222ALT3G pdf datasheets and onsemi documentation for MMBT2222ALT3G - onsemi.

Datasheets

[MMBT/SMMBT2222\(A\)L Datasheet.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification

[Gold to Copper Wire 08/May/2007.pdf](#)

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

PCN Assembly/Origin

[Mult Dev Wafer Add 16/Nov/2018.pdf](#)

HTML Datasheet



Customers Also Interested in

Recommended Products

**MMBT2222AQ-7-F**Diodes Incorporated
SS MID-PERF TRANSISTOR SOT23
T&R**MMBT2222AT**onsemi
TRANS NPN 40V 0.6A SC89-3**MMBT2222ALT1**onsemi
TRANS NPN 40V 600MA SOT23-3**MMBT2222ALP4-7B**Diodes Incorporated
TRANS NPN 40V 0.6A 3DFN**MMBT2222AT-7-F**Diodes Incorporated
TRANS NPN 40V 0.6A SOT523**MMBT2222ADW**

KEFAN

**MMBT2222ALT1-T**

AMI Semiconductor/onsemi

**MMBT2222AM 1P**

CJ

**MMBT2222ADW1T1G**

AMI Semiconductor/onsemi

**MMBT2222ALT1G**onsemi
TRANS NPN 40V 0.6A SOT23-3**MMBT2222A/DG**

Freescale / NXP Semiconductors

**MMBT2222AT**Fairchild Semiconductor
TRANS NPN 40V 0.6A SOT523F**MMBT2222A-TP**Micro Commercial Co
TRANS NPN 40V 0.6A SOT23**MMBT2222AG-AE3-R**

UTC

MMBT2222AT/R

PANJIT

MMBT2222AT-7Diodes Incorporated
TRANS NPN 40V 0.6A SOT523**MMBT2222AM**

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 -



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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