



Image may be representation.
See specifications for product details.



MMBT2222ALT1G

Manufacturer Part Number	MMBT2222ALT1G
Manufacturer	onsemi
Allelco Part Number	32D-MMBT2222ALT1G
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

MMBT2222ALT1G - onsemi.New Original in Stock. Download Linear Technology MMBT2222ALT1G datasheet/specifications on AllelcoElec.com.
Request a quote for MMBT2222ALT1G, please send us email: info@allelco.com

Specifications

MMBT2222ALT1G Tech Specifications
MMBT2222ALT1G - 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	Automotive, AEC-Q101	Current - Collector Cutoff (Max)	10nA (ICBO)
Power - Max	225 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 MMBT2222ALT1G

Product Attribute				
Part Number	MMBT2222ALT1G	MMBT2222ALT1	MMBT2222A-TP	MMBT2222ALP4-7B
Manufacturer	onsemi	onsemi	Micro Commercial Co	Diodes Incorporated
Vce Saturation (Max) @ Ib, Ic	1V @ 50mA, 500mA	1V @ 50mA, 500mA	1V @ 50mA, 500mA	1V @ 50mA, 500mA
Frequency - Transition	300MHz	300MHz	300MHz	300MHz
Transistor Type	NPN	NPN	NPN	NPN
Voltage - Collector Emitter Breakdown (Max)	40 V	40 V	40 V	40 V
Current - Collector (Ic) (Max)	600 mA	600 mA	600 mA	600 mA
Supplier Device Package	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23	X2-DFN1006-3
Current - Collector Cutoff (Max)	10nA (ICBO)	10nA (ICBO)	-	10nA (ICBO)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power - Max	225 mW	225 mW	350 mW	460 mW
DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 150mA, 10V	100 @ 150mA, 10V	100 @ 150mA, 10V	100 @ 150mA, 10V
Base Product Number	MMBT2222	MMBT2222	MMBT2222	MMBT2222
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Package	Tape & Reel (TR)	Cut Tape (CT)	Tape & Reel (TR)	Tape & Reel (TR)
Series	Automotive, AEC-Q101	-	-	Automotive, AEC-Q101
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	3-XFDFN

MMBT2222ALT1G Datasheet PDF

Download MMBT2222ALT1G pdf datasheets and onsemi documentation for MMBT2222ALT1G - onsemi.

Datasheets

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

Environmental Information

[onsemi RoHS.pdf](#)

PCN Design/Specification

[Glue Mount Process 11/July/2008.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



MMBT2222A/DG
Freescale / NXP Semiconductors



MMBT2222ALT1
onsemi
TRANS NPN 40V 600MA SOT23-3



MMBT2222A-TP
Micro Commercial Co
TRANS NPN 40V 0.6A SOT23



MMBT2222ALP4-7B
Diodes Incorporated
TRANS NPN 40V 0.6A 3DFN



MMBT2222ADW
KEFAN



MMBT2222AM
CJ



MMBT2222A-NL
Fairchild (onsemi)



MMBT2222ALT3G
onsemi
TRANS NPN 40V 0.6A SOT23-3



MMBT2222ADW1T1G
AMI Semiconductor/onsemi



MMBT2222AT
Fairchild Semiconductor
TRANS NPN 40V 0.6A SOT523F



MMBT2222AM 1P
CJ



MMBT2222AG-AE3-R
UTC



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



MMBT2222AM3T5G
onsemi
TRANS NPN 40V 0.6A SOT723



MMBT2222ALT1-T
AMI Semiconductor/onsemi



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



MMBT2222AT
onsemi
TRANS NPN 40V 0.6A SC89-3



MMBT2222AQ-7-F
Diodes Incorporated
SS MID-PERF TRANSISTOR SOT23 T&R

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

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



View More