



Image may be representation.
See specifications for product details.



MBT2222ADW1T1G

Manufacturer Part Number	MBT2222ADW1T1G
Manufacturer	onsemi
Allelco Part Number	32D-MBT2222ADW1T1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TRANS 2NPN 40V 0.6A SC88/SC70-6
Package	6-TSSOP, SC-88, SOT-363
Data sheet	MBT2222ADW1, NSVBT2222ADW1.pdf MBT2222ADW1, NSVBT2222ADW1.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MBT2222ADW1T1G - onsemi.New Original in Stock. Download Linear Technology MBT2222ADW1T1G datasheet/specifications on AllelcoElec.com.
Request a quote for MBT2222ADW1T1G, please send us email: info@allelco.com

Specifications

MBT2222ADW1T1G Tech Specifications

MBT2222ADW1T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	40V	Operating Temperature	-55°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	1V @ 50mA, 500mA	Mounting Type	Surface Mount
Transistor Type	2 NPN (Dual)	Frequency - Transition	300MHz
Supplier Device Package	SC-88/SC70-6/SOT-363	DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 150mA, 10V
Series	-	Current - Collector Cutoff (Max)	10nA (ICBO)
Power - Max	150mW	Current - Collector (Ic) (Max)	600mA
Package / Case	6-TSSOP, SC-88, SOT-363	Base Product Number	MBT2222

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBT2222ADW1T1G

Product Attribute				
Part Number	MBT2222ADW1T1G	MBT3904DW1T1G	MBT3904DW1T1	MBT3904DW1T3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Current - Collector (Ic) (Max)	600mA	200mA	200mA	200mA
Transistor Type	2 NPN (Dual)	2 NPN (Dual)	2 NPN (Dual)	2 NPN (Dual)
Voltage - Collector Emitter Breakdown (Max)	40V	40V	40V	40V
Power - Max	150mW	150mW	150mW	150mW
Supplier Device Package	SC-88/SC70-6/SOT-363	SC-88/SC70-6/SOT-363	SC-88/SC70-6/SOT-363	SC-88/SC70-6/SOT-363
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Frequency - Transition	300MHz	300MHz	300MHz	300MHz
Vce Saturation (Max) @ Ib, Ic	1V @ 50mA, 500mA	300mV @ 5mA, 50mA	300mV @ 5mA, 50mA	300mV @ 5mA, 50mA
Package / Case	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363
DC Current Gain (hFE) (Min) @ Ic, Vce	100 @ 150mA, 10V	100 @ 10mA, 1V	100 @ 10mA, 1V	100 @ 10mA, 1V
Base Product Number	MBT2222	MBT3904	MBT3904	MBT3904
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Collector Cutoff (Max)	10nA (ICBO)	-	-	-

MBT2222ADW1T1G Datasheet PDF

Download MBT2222ADW1T1G pdf datasheets and onsemi documentation for MBT2222ADW1T1G - onsemi.

Datasheets

[MBT2222ADW1, NSVBT2222ADW1.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification

[Copper Wire 08/Jun/2009.pdf](#)

[EDS Rating Update Standardized Format 15/June/2007.pdf](#)

PCN Assembly/Origin

[Mult Dev Assembly 30/Jul/2020.pdf](#)



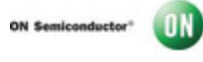









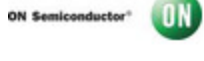





HTML Datasheet



MBT2222ADW1, NSVBT2222ADW1.pdf

Customers Also Interested in

Recommended Products

 MBT3904DW1G AMI Semiconductor/onsemi	 MBT2222A AMI Semiconductor/onsemi	 MBT3904DWT1G AMI Semiconductor/onsemi	 MBT3904 CJ	 MBT3904DW1T1G onsemi TRANS 2NPN 40V 0.2A SC88/SC70-6	 MBT2907ADW1T1G AMI Semiconductor/onsemi
 MBT2222ADW WEITRON	 MBT35200MT1G onsemi TRANS PNP 35V 2A 6TSOP	 MBT35200MT1 onsemi TRANS SW PNP BIPOL 35V 2A TSOP-6	 MBT2222ADWT1G Freescale / NXP Semiconductors	 MBT3904DW1T1 onsemi TRANS 2NPN 40V 0.2A SOT363	 MBT2222AG-AE3-R UTC
 MBT3906DW AMI Semiconductor/onsemi	 MBT3904DW AMI Semiconductor/onsemi	 MBT3904DW1T3G onsemi TRANS 2NPN 40V 0.2A SOT363	 MBT3904DW1T3 AMI Semiconductor/onsemi	 MBT35200MT AMI Semiconductor/onsemi	 MBT3904DW1T1H onsemi TRANS 2NPN 40V 0.2A SC88

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



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