



Image may be representation.
See specifications for product details.



TYN612MFP

Manufacturer Part Number	TYN612MFP
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TYN612MFP
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	SCR 600V 12A TO220FPAB
Package	TO-220-3 Full Pack
Data sheet	TYN612M.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TYN612MFP - STMicroelectronics.New Original in Stock. Download Linear Technology TYN612MFP datasheet/specifications on AllelcoElec.com.
Request a quote for TYN612MFP, please send us email: info@allelco.com

Specifications

TYN612MFP Tech Specifications

TYN612MFP - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 125°C
Voltage - On State (V _{tm}) (Max)	1.6 V	Mounting Type	Through Hole
Voltage - Off State	600 V	Current - On State (I _t (RMS)) (Max)	12 A
Voltage - Gate Trigger (V _{gt}) (Max)	1.3 V	Current - On State (I _t (AV)) (Max)	8 A
Supplier Device Package	TO-220FPAB	Current - Off State (Max)	10 µA
Series	-	Current - Non Rep. Surge 50, 60Hz (I _{tsm})	120A, 125A
SCR Type	Standard Recovery	Current - Hold (I _h) (Max)	20 mA
Package / Case	TO-220-3 Full Pack	Current - Gate Trigger (I _{gt}) (Max)	5 mA
Package	Tube	Base Product Number	TYN612

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TYN612MFP

Product Attribute				
Part Number	TYN612MFP	TYN606RG	TYN625RG	TYN608RG
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - On State (I _t (AV)) (Max)	8 A	3.8 A	16 A	5 A
Package	Tube	Tube	Tube	Tube
SCR Type	Standard Recovery	Standard Recovery	Standard Recovery	Standard Recovery
Voltage - Gate Trigger (V _{gt}) (Max)	1.3 V	1.5 V	1.3 V	1.3 V
Series	-	-	-	-
Current - Hold (I _h) (Max)	20 mA	30 mA	50 mA	30 mA
Base Product Number	TYN612	TYN606	TYN625	TYN608
Voltage - On State (V _{tm}) (Max)	1.6 V	1.6 V	1.6 V	1.6 V
Voltage - Off State	600 V	600 V	600 V	600 V
Supplier Device Package	TO-220FPAB	TO-220	TO-220	TO-220
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Current - Gate Trigger (I _{gt}) (Max)	5 mA	15 mA	40 mA	15 mA
Package / Case	TO-220-3 Full Pack	TO-220-3	TO-220-3	TO-220-3
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Non Rep. Surge 50, 60Hz (I _{tsm})	120A, 125A	70A, 73A	300A, 314A	95A, 100A
Current - Off State (Max)	10 µA	10 µA	5 µA	5 µA
Current - On State (I _t (RMS)) (Max)	12 A	6 A	25 A	8 A

TYN612MFP Datasheet PDF

Download TYN612MFP pdf datasheets and STMicroelectronics documentation for TYN612MFP - STMicroelectronics.

PCN Assembly/Origin

Mult Devices Testing 10/May/2018.pdf

HTML Datasheet

TYN612M.pdf

Customers Also Interested in

Recommended Products



TYN606RG
STMicroelectronics
SCR 600V 6A TO220AB



TYN625RG
STMicroelectronics
SCR 600V 25A TO220AB



TYN606
STMicroelectronics



TYN608RG
STMicroelectronics
SCR 600V 8A TO220AB



TYN604
STMicroelectronics



TYN612
STMicroelectronics



TYN608
STMicroelectronics



TYN610
STMicroelectronics



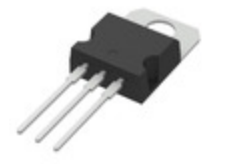
TYN612M
STMicroelectronics



TYN616
STMicroelectronics



TYN616RG/1
STMicroelectronics



TYN612TRG
STMicroelectronics
SCR 600V 12A TO220AB



TYN618RG
STMicroelectronics



TYN616RG
STMicroelectronics
SCR 600V 16A TO220AB



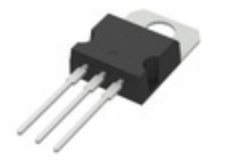
TYN612RG
STMicroelectronics
SCR 600V 12A TO220AB



TYN610RG
STMicroelectronics
SCR 600V 10A TO220AB



TYN612T
STMicroelectronics



TYN612MRG
STMicroelectronics
SCR 600V 12A TO220AB

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

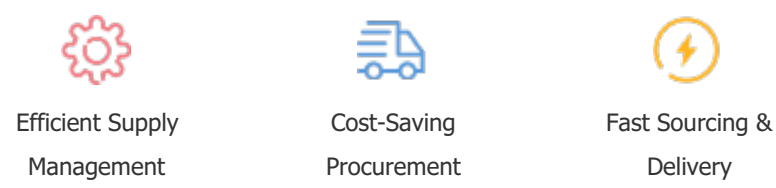
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

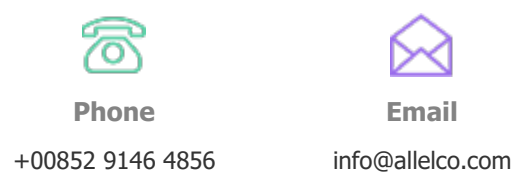
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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