



Image may be representation.
See specifications for product details.



STF11N65M2

Manufacturer Part Number	STF11N65M2
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STF11N65M2
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CH 650V 7A TO220FP
Package	TO-220-3 Full Pack
Data sheet	STF(I)11N65M2.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STF11N65M2 - STMicroelectronics.New Original in Stock. Download Linear Technology STF11N65M2 datasheet/specifications on AllelcoElec.com.
Request a quote for STF11N65M2, please send us email: info@allelco.com

Specifications

STF11N65M2 Tech Specifications
STF11N65M2 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	4V @ 250µA	Mounting Type	Through Hole
Vgs (Max)	±25V	Input Capacitance (Ciss) (Max) @ Vds	410 pF @ 100 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	12.5 nC @ 10 V
Supplier Device Package	TO-220FP	FET Type	N-Channel
Series	MDmesh™ II Plus	FET Feature	-
Rds On (Max) @ Id, Vgs	670mOhm @ 3.5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	25W (Tc)	Drain to Source Voltage (Vdss)	650 V
Package / Case	TO-220-3 Full Pack	Current - Continuous Drain (Id) @ 25°C	7A (Tc)
Package	Tube	Base Product Number	STF11

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STF11N65M2

Product Attribute				
Part Number	STF11N65M2	STF11N50M2	STF11N65K3	STF11N52K3
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Power Dissipation (Max)	25W (Tc)	25W (Tc)	35W (Tc)	30W (Tc)
Vgs(th) (Max) @ Id	4V @ 250µA	4V @ 250µA	4.5V @ 100µA	4.5V @ 50µA
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Package	Tube	Tube	Tube	Tube
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
Vgs (Max)	±25V	±25V	±30V	±30V
Gate Charge (Qg) (Max) @ Vgs	12.5 nC @ 10 V	12 nC @ 10 V	42 nC @ 10 V	51 nC @ 10 V
Current - Continuous Drain (Id) @ 25°C	7A (Tc)	8A (Tc)	11A (Tc)	10A (Tc)
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Base Product Number	STF11	STF11	STF11	STF11
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Rds On (Max) @ Id, Vgs	670mOhm @ 3.5A, 10V	530mOhm @ 4A, 10V	850mOhm @ 3.6A, 10V	510mOhm @ 5A, 10V
Drain to Source Voltage (Vdss)	650 V	500 V	650 V	525 V
FET Feature	-	-	-	-
Package / Case	TO-220-3 Full Pack	TO-220-3 Full Pack	TO-220-3 Full Pack	TO-220-3 Full Pack
Series	MDmesh™ II Plus	MDmesh™ II Plus	SuperMESH3™	SuperMESH3™
Input Capacitance (Ciss) (Max) @ Vds	410 pF @ 100 V	395 pF @ 100 V	1180 pF @ 50 V	1400 pF @ 50 V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Supplier Device Package	TO-220FP	TO-220FP	TO-220FP	TO-220FP

STF11N65M2 Datasheet PDF

Download STF11N65M2 pdf datasheets and STMicroelectronics documentation for STF11N65M2 - STMicroelectronics.

Datasheets



















STF(I)11N65M2.pdf

PCN Assembly/Origin

Mult Dev Wafer Site Add 3/Aug/2018.pdf

Customers Also Interested in

Recommended Products

					
STF11N50M2 STMicroelectronics MOSFET N-CH 500V 8A TO220FP	STF11N65K3 STMicroelectronics MOSFET N-CH 650V 11A TO220FP	STF11N50M2 11N50M2 STMicroelectronics	STF11N52K3 STMicroelectronics MOSFET N-CH 525V 10A TO220FP	STF11NM50N STMicroelectronics MOSFET N-CH 500V 8.5A TO220FP	STF110N10F7 STMicroelectronics MOSFET N-CH 100V 45A TO220FP
					
STF11NM60 STMicroelectronics	STF11N65M2 11N65M2 STMicroelectronics	STF10NM60N MOS STMicroelectronics	STF10NM65N STMicroelectronics MOSFET N-CH 650V 9A TO220FP	STF11N65M2 MOS STMicroelectronics	STF11NM60N STMicroelectronics MOSFET N-CH 600V 10A TO220FP
					
STF10NM60ND STMicroelectronics MOSFET N-CH 600V 8A TO220FP	STF11N60DM2 STMicroelectronics MOSFET N-CH 600V 10A TO220FP	STF11N60M2-EP STMicroelectronics MOSFET N-CH 600V 7.5A TO220FP	STF11NM50N MOS STMicroelectronics	STF11N65M2(045Y) STMicroelectronics	STF11N65M5 STMicroelectronics MOSFET N-CH 650V 9A TO220FP

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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Certifications & Memberships



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Contact us

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