



Image may be representation.
See specifications for product details.



STF35N60DM2

Manufacturer Part Number	STF35N60DM2
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STF35N60DM2
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET N-CH 600V 28A TO220FP
Package	TO-220-3 Full Pack
Data sheet	STF35N60DM2.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STF35N60DM2 - STMicroelectronics.New Original in Stock. Download Linear Technology STF35N60DM2 datasheet/specifications on AllelcoElec.com.
Request a quote for STF35N60DM2, please send us email: info@allelco.com

Specifications

STF35N60DM2 Tech Specifications
STF35N60DM2 - 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	5V @ 250µA	Mounting Type	Through Hole
Vgs (Max)	±25V	Input Capacitance (Ciss) (Max) @ Vds	2400 pF @ 100 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	54 nC @ 10 V
Supplier Device Package	TO-220FP	FET Type	N-Channel
Series	MDmesh™ DM2	FET Feature	-
Rds On (Max) @ Id, Vgs	110mOhm @ 14A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	40W (Tc)	Drain to Source Voltage (Vdss)	600 V
Package / Case	TO-220-3 Full Pack	Current - Continuous Drain (Id) @ 25°C	28A (Tc)
Package	Tube	Base Product Number	STF35

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STF35N60DM2

Product Attribute				
Part Number	STF35N60DM2	STF38N65M5	STF3N62K3	STF34N65M5
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Rds On (Max) @ Id, Vgs	110mOhm @ 14A, 10V	95mOhm @ 15A, 10V	2.5Ohm @ 1.4A, 10V	110mOhm @ 14.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)	150°C (TJ)	150°C (TJ)	-55°C ~ 150°C (TJ)
Input Capacitance (Ciss) (Max) @ Vds	2400 pF @ 100 V	3000 pF @ 100 V	385 pF @ 25 V	2590 pF @ 100 V
Gate Charge (Qg) (Max) @ Vgs	54 nC @ 10 V	71 nC @ 10 V	13 nC @ 10 V	70 nC @ 10 V
Supplier Device Package	TO-220FP	TO-220FP	TO-220FP	TO-220FP
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
Series	MDmesh™ DM2	MDmesh™ V	SuperMESH3™	MDmesh™ V
Base Product Number	STF35	STF38	STF3N62	STF34
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Drain to Source Voltage (Vdss)	600 V	650 V	620 V	650 V
Vgs(th) (Max) @ Id	5V @ 250µA	5V @ 250µA	4.5V @ 50µA	5V @ 250µA
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Package / Case	TO-220-3 Full Pack	TO-220-3 Full Pack	TO-220-3 Full Pack	TO-220-3 Full Pack
Power Dissipation (Max)	40W (Tc)	35W (Tc)	20W (Tc)	35W (Tc)
FET Feature	-	-	-	-
Vgs (Max)	±25V	±25V	±30V	±25V
Package	Tube	Tube	Tube	Tube
Current - Continuous Drain (Id) @ 25°C	28A (Tc)	30A (Tc)	2.7A (Tc)	28A (Tc)

STF35N60DM2 Datasheet PDF

Download STF35N60DM2 pdf datasheets and STMicroelectronics documentation for STF35N60DM2 - STMicroelectronics.

Datasheets



















[STF35N60DM2.pdf](#)

PCN Assembly/Origin

[Wafer 15/Feb/2019.pdf](#)

Customers Also Interested in

Recommended Products

					
STF38N65M5 STMicroelectronics MOSFET N-CH 650V 30A TO220FP	STF3N62K3 MOS STMicroelectronics	STF3N62K3 STMicroelectronics MOSFET N-CH 620V 2.7A TO220FP	STF34N65M5 STMicroelectronics MOSFET N-CH 650V 28A TO220FP	STF36N60M6 STMicroelectronics MOSFET N-CH 600V 30A TO220FP	STF33N65M2 STMicroelectronics MOSFET N-CH 650V 24A TO220FP
					
STF33N60M6 STMicroelectronics MOSFET N-CH 600V 25A TO220FP	STF34NM60ND STMicroelectronics MOSFET N-CH 600V 29A TO220FP	STF31NM65M5 STMicroelectronics	STF3LN62K3 STMicroelectronics MOSFET N-CH 620V 2.5A TO220FP	STF32N65M5 STMicroelectronics MOSFET N-CH 650V 24A TO220FP	STF35N65DM2 STMicroelectronics MOSFET N-CH 650V 32A TO220FP
					
STF33N60M2 STMicroelectronics MOSFET N-CH 600V 26A TO220FP	STF32NM50N STMicroelectronics MOSFET N CH 500V 22A TO-220FP	STF3HNK90Z STMicroelectronics MOSFET N-CH 800V 3A TO220FP	STF34NM60N STMicroelectronics MOSFET N-CH 600V 31.5A TO220FP	STF3N80K5 STMicroelectronics MOSFET N-CH 800V 2.5A TO220FP	STF3LN80K5 STMicroelectronics MOSFET N-CH 800V 2A 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
+00852 9146 4856
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Certifications & Memberships



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