



Image may be representation.
See specifications for product details.



STB35N60DM2

Manufacturer Part Number	STB35N60DM2
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STB35N60DM2
ECAD Model	PCB Footprint and Symbol
Parts Description	MOSFET N-CH 600V 28A D2PAK
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	STB35N60DM2.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STB35N60DM2 - STMicroelectronics. New Original in Stock. Download Linear Technology STB35N60DM2 datasheet/specifications on AllelcoElec.com.
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Specifications

STB35N60DM2 Tech Specifications
STB35N60DM2 - 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	Surface Mount
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	D ² PAK (TO-263)	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)	210W (Tc)	Drain to Source Voltage (Vdss)	600 V
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	Current - Continuous Drain (Id) @ 25°C	28A (Tc)
Package	Tape & Reel (TR)	Base Product Number	STB35

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STB35N60DM2

Product Attribute				
Part Number	STB35N60DM2	STB34N65M5	STB35N65M5	STB34NM60N
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Vgs(th) (Max) @ Id	5V @ 250µA	5V @ 250µA	5V @ 250µA	4V @ 250µA
Series	MDmesh™ DM2	MDmesh™ V	MDmesh™ V	MDmesh™ II
Drain to Source Voltage (Vdss)	600 V	650 V	650 V	600 V
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
FET Feature	-	-	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	150°C (TJ)	150°C (TJ)	150°C (TJ)
Base Product Number	STB35	STB34	STB35	STB34
Input Capacitance (Ciss) (Max) @ Vds	2400 pF @ 100 V	2700 pF @ 100 V	3750 pF @ 100 V	2722 pF @ 100 V
Current - Continuous Drain (Id) @ 25°C	28A (Tc)	28A (Tc)	27A (Tc)	29A (Tc)
Power Dissipation (Max)	210W (Tc)	190W (Tc)	160W (Tc)	250W (Tc)
Vgs (Max)	±25V	±25V	±25V	±25V
Rds On (Max) @ Id, Vgs	110mOhm @ 14A, 10V	110mOhm @ 14A, 10V	98mOhm @ 13.5A, 10V	105mOhm @ 14.5A, 10V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Gate Charge (Qg) (Max) @ Vgs	54 nC @ 10 V	62.5 nC @ 10 V	83 nC @ 10 V	84 nC @ 10 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	D ² PAK (TO-263)	D ² PAK (TO-263)	D2PAK	D ² PAK (TO-263)

STB35N60DM2 Datasheet PDF

Download STB35N60DM2 pdf datasheets and STMicroelectronics documentation for STB35N60DM2 - STMicroelectronics.

Datasheets

STB35N60DM2.pdf



















PCN Packaging

Mult Dev Inner Box Chg 9/Dec/2021.pdf

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

					
STB34N65M5 STMicroelectronics MOSFET N-CH 650V 28A D2PAK	STB35N65M5 STMicroelectronics MOSFET N-CH 650V 27A D2PAK	STB34NM60N STMicroelectronics MOSFET N-CH 600V 29A D2PAK	STB36NM60N STMicroelectronics MOSFET N-CH 600V 29A D2PAK	STB34NM65ND STMicroelectronics	STB33N60DM2 STMicroelectronics MOSFET N-CH 600V 24A D2PAK
					
STB33N60M2 STMicroelectronics MOSFET N-CH 600V 26A D2PAK	STB36N60M6 STMicroelectronics MOSFET N-CH 600V 30A D2PAK	STB35NF10 VBSEMI	STB36NF06LT4 STMicroelectronics MOSFET N-CH 60V 30A D2PAK	STB32NM50N STMicroelectronics MOSFET N CH 500V 22A D2PAK	STB36NF03L STMicroelectronics
					
STB36NM60ND STMicroelectronics MOSFET N-CH 600V 29A D2PAK	STB32N65M5 STMicroelectronics MOSFET N-CH 650V 24A D2PAK	STB34NM60ND STMicroelectronics MOSFET N-CH 600V 29A D2PAK	STB35NF10T4 MOS STMicroelectronics	STB35NF10T4 STMicroelectronics MOSFET N-CH 100V 40A D2PAK	STB33N65M2 STMicroelectronics MOSFET N-CH 650V 24A D2PAK

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.



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Contact us if you have any questions.

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Certifications & Memberships



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