



Image may be representation.
See specifications for product details.



STB30NM60ND

Manufacturer Part Number	STB30NM60ND
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STB30NM60ND
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CH 600V 25A D2PAK
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	STx30NM60ND.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STB30NM60ND - STMicroelectronics.New Original in Stock. Download Linear Technology STB30NM60ND datasheet/specifications on AllelcoElec.com.
Request a quote for STB30NM60ND, please send us email: info@allelco.com

Specifications

STB30NM60ND Tech Specifications

STB30NM60ND - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	150°C (TJ)
Vgs(th) (Max) @ Id	5V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±25V	Input Capacitance (Ciss) (Max) @ Vds	2800 pF @ 50 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	100 nC @ 10 V
Supplier Device Package	D2PAK	FET Type	N-Channel
Series	FDmesh™ II	FET Feature	-
Rds On (Max) @ Id, Vgs	130mOhm @ 12.5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	190W (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	25A (Tc)
Package	Tape & Reel (TR)	Base Product Number	STB30N

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STB30NM60ND

Product Attribute				
Part Number	STB30NM60ND	STB30NF20L	STB30NF10T4	STB34N65M5
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
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
Operating Temperature	150°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	150°C (TJ)
Drain to Source Voltage (Vdss)	600 V	200 V	100 V	650 V
Current - Continuous Drain (Id) @ 25°C	25A (Tc)	30A (Tc)	35A (Tc)	28A (Tc)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power Dissipation (Max)	190W (Tc)	150W (Tc)	115W (Tc)	190W (Tc)
Input Capacitance (Ciss) (Max) @ Vds	2800 pF @ 50 V	1990 pF @ 25 V	1180 pF @ 25 V	2700 pF @ 100 V
Series	FDmesh™ II	Automotive, AEC-Q101, STRIPFET™	STRIPFET™ II	MDmesh™ V
Rds On (Max) @ Id, Vgs	130mOhm @ 12.5A, 10V	75mOhm @ 15A, 5V	45mOhm @ 15A, 10V	110mOhm @ 14A, 10V
Gate Charge (Qg) (Max) @ Vgs	100 nC @ 10 V	65 nC @ 10 V	55 nC @ 10 V	62.5 nC @ 10 V
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Vgs (Max)	±25V	±20V	±20V	±25V
Supplier Device Package	D2PAK	D2PAK	D2PAK	D ² PAK (TO-263)
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
FET Feature	-	-	-	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Vgs(th) (Max) @ Id	5V @ 250µA	3V @ 250µA	4V @ 250µA	5V @ 250µA
Base Product Number	STB30N	STB30	STB30	STB34

STB30NM60ND Datasheet PDF

Download STB30NM60ND pdf datasheets and STMicroelectronics documentation for STB30NM60ND - STMicroelectronics.

Datasheets

STx30NM60ND.pdf

Customers Also Interested in

Recommended Products

**STB30NF20L**STMicroelectronics
MOSFET N-CH 200V 30A D2PAK**STB30NF10T4**STMicroelectronics
MOSFET N-CH 100V 35A D2PAK**STB30NF10**

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**STB34N65M5**STMicroelectronics
MOSFET N-CH 650V 28A D2PAK**STB30NE06LT4**

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**STB31N65M5**STMicroelectronics
MOSFET N-CH 650V 22A D2PAK**STB30NS15**

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**STB32N65M5**STMicroelectronics
MOSFET N-CH 650V 24A D2PAK**STB30NF10 B30NF10**

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**STB34NM60N**STMicroelectronics
MOSFET N-CH 600V 29A D2PAK**STB30NF20**STMicroelectronics
MOSFET N-CH 200V 30A D2PAK**STB33N60DM2**STMicroelectronics
MOSFET N-CH 600V 24A D2PAK**STB30NM60N**STMicroelectronics
MOSFET N-CH 600V 25A D2PAK**STB30NF10T4 MOS**

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**STB32NM50N**STMicroelectronics
MOSFET N-CH 500V 22A D2PAK**STB33N60M2**STMicroelectronics
MOSFET N-CH 600V 26A D2PAK**STB30NE06LT4 MOS**

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**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.

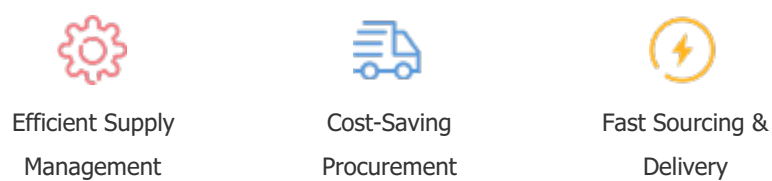
Contact us if you have any questions.

Payment Support

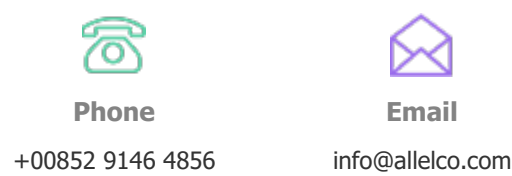
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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