



Image may be representation.
See specifications for product details.



STB34NM60ND

Manufacturer Part Number	STB34NM60ND
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STB34NM60ND
ECAD Model	PCB Footprint and Symbol
Parts Description	MOSFET N-CH 600V 29A D2PAK
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	STx34NM60ND.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STB34NM60ND - STMicroelectronics.New Original in Stock. Download Linear Technology STB34NM60ND datasheet/specifications on AllelcoElec.com.
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Specifications

STB34NM60ND Tech Specifications
STB34NM60ND - 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	2785 pF @ 50 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	80.4 nC @ 10 V
Supplier Device Package	D ² PAK (TO-263)	FET Type	N-Channel
Series	FDmesh™ II	FET Feature	-
Rds On (Max) @ Id, Vgs	110mOhm @ 14.5A, 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	29A (Tc)
Package	Tape & Reel (TR)	Base Product Number	STB34

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STB34NM60ND

Product Attribute				
Part Number	STB34NM60ND	STB35N65M5	STB33N60M2	STB35NF10T4
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Rds On (Max) @ Id, Vgs	110mOhm @ 14.5A, 10V	98mOhm @ 13.5A, 10V	125mOhm @ 13A, 10V	35mOhm @ 17.5A, 10V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
FET Feature	-	-	-	-
Vgs (Max)	±25V	±25V	±25V	±20V
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
Series	FDmesh™ II	MDmesh™ V	MDmesh™ II Plus	STripFET™ II
Drain to Source Voltage (Vdss)	600 V	650 V	600 V	100 V
Power Dissipation (Max)	190W (Tc)	160W (Tc)	190W (Tc)	115W (Tc)
Operating Temperature	150°C (TJ)	150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Input Capacitance (Ciss) (Max) @ Vds	2785 pF @ 50 V	3750 pF @ 100 V	1781 pF @ 100 V	1550 pF @ 25 V
Base Product Number	STB34	STB35	STB33	STB35N
Gate Charge (Qg) (Max) @ Vgs	80.4 nC @ 10 V	83 nC @ 10 V	45.5 nC @ 10 V	55 nC @ 10 V
Current - Continuous Drain (Id) @ 25°C	29A (Tc)	27A (Tc)	26A (Tc)	40A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
Vgs(th) (Max) @ Id	5V @ 250µA	5V @ 250µA	4V @ 250µA	4V @ 250µA
Supplier Device Package	D ² PAK (TO-263)	D2PAK	D ² PAK (TO-263)	D2PAK

STB34NM60ND Datasheet PDF

Download STB34NM60ND pdf datasheets and STMicroelectronics documentation for STB34NM60ND - STMicroelectronics.

Datasheets



















[STx34NM60ND.pdf](#)

PCN Design/Specification

[D2PAK Lead Modification 04/Oct/2013.pdf](#)

Customers Also Interested in

Recommended Products

 STB35N65M5 STMicroelectronics MOSFET N-CH 650V 27A D2PAK	 STB33N60M2 STMicroelectronics MOSFET N-CH 600V 26A D2PAK	 STB35NF10T4 STMicroelectronics MOSFET N-CH 100V 40A D2PAK	 STB34NM65ND STMicroelectronics	 STB30NS15 STMicroelectronics	 STB36N60M6 STMicroelectronics MOSFET N-CH 600V 30A D2PAK
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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.

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The payment method can be chosen from the methods shown below:
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Certifications & Memberships



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