



Image may be representation.
See specifications for product details.



STB7ANM60N

Manufacturer Part Number	STB7ANM60N
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STB7ANM60N
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 600V 5A D2PAK
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	STx7ANM60N.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STB7ANM60N - STMicroelectronics. New Original in Stock. Download Linear Technology STB7ANM60N datasheet/specifications on AllelcoElec.com. Request a quote for STB7ANM60N, please send us email: info@allelco.com

Specifications

STB7ANM60N Tech Specifications

STB7ANM60N - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	150°C (TJ)
Vgs(th) (Max) @ Id	4V @ 250mA	Mounting Type	Surface Mount
Vgs (Max)	±25V	Input Capacitance (Ciss) (Max) @ Vds	363 pF @ 50 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	14 nC @ 10 V
Supplier Device Package	D2PAK	FET Type	N-Channel
Series	Automotive, AEC-Q101, MDmesh™ II	FET Feature	-
Rds On (Max) @ Id, Vgs	900mOhm @ 2.5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	45W (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	5A (Tc)
Package	Tape & Reel (TR)	Base Product Number	STB7

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STB7ANM60N

Product Attribute				
Part Number	STB7ANM60N	STB75NF75LT4	STB75NF75T4	STB75NF20
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Power Dissipation (Max)	45W (Tc)	300W (Tc)	300W (Tc)	190W (Tc)
Operating Temperature	150°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-50°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Continuous Drain (Id) @ 25°C	5A (Tc)	75A (Tc)	80A (Tc)	75A (Tc)
Drain to Source Voltage (Vdss)	600 V	75 V	75 V	200 V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Input Capacitance (Ciss) (Max) @ Vds	363 pF @ 50 V	4300 pF @ 25 V	3700 pF @ 25 V	3260 pF @ 25 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Series	Automotive, AEC-Q101, MDmesh™ II	STripFET™ II	STripFET™ II	STripFET™
FET Feature	-	-	-	-
Supplier Device Package	D2PAK	D2PAK	D2PAK	D2PAK
Rds On (Max) @ Id, Vgs	900mOhm @ 2.5A, 10V	11mOhm @ 37.5A, 10V	11mOhm @ 40A, 10V	34mOhm @ 37A, 10V
Vgs(th) (Max) @ Id	4V @ 250mA	2.5V @ 250µA	4V @ 250µA	4V @ 250µA
Drive Voltage (Max Rds On, Min Rds On)	10V	5V, 10V	10V	10V
Gate Charge (Qg) (Max) @ Vgs	14 nC @ 10 V	90 nC @ 5 V	160 nC @ 10 V	84 nC @ 10 V
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
Base Product Number	STB7	STB75	STB75	STB75
Vgs (Max)	±25V	±15V	±20V	±20V
FET Type	N-Channel	N-Channel	N-Channel	N-Channel

STB7ANM60N Datasheet PDF

Download STB7ANM60N pdf datasheets and STMicroelectronics documentation for STB7ANM60N - STMicroelectronics.

Datasheets

STx7ANM60N.pdf

PCN Packaging

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

PCN Design/Specification

D2PAK Lead Modification 04/Oct/2013.pdf

PCN Assembly/Origin

Mult Devices Testing 10/May/2018.pdf

Customers Also Interested in

Recommended Products



STB7NC80ZT4
STMicroelectronics



STB7NC70Z
STMicroelectronics



STB75NF75LT4
STMicroelectronics
MOSFET N-CH 75V 75A D2PAK



STB75NF75T4
STMicroelectronics
MOSFET N-CH 75V 80A D2PAK



STB7NB40T4
STMicroelectronics



STB75NF75L
STMicroelectronics



STB7NA40T4
STMicroelectronics



STB7NK40Z
STMicroelectronics



STB7NB60T4 MOS
STMicroelectronics



STB7NC70ZT4
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STB75NF20 MOS
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STB75NF75 MOS
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STB75NF75
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STB75NF75 B75NF75
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STB75NF20
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MOSFET N-CH 200V 75A D2PAK



STB75NF75LT4 MOS
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STB7NB60
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STB75NF75T4 MOS
STMicroelectronics

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
- Email
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Certifications & Memberships



View More

Contact us

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