

Image may be representation.
See specifications for product details.



STU2N62K3

Manufacturer Part Number	STU2N62K3
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STU2N62K3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET N-CH 620V 2.2A IPAK
Package	TO-251-3 Short Leads, IPak, TO-251AA
Data sheet	STx2N62K3.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STU2N62K3 - STMicroelectronics.New Original in Stock. Download Linear Technology STU2N62K3 datasheet/specifications on AllelcoElec.com.
Request a quote for STU2N62K3, please send us email: info@allelco.com

Specifications

STU2N62K3 Tech Specifications
STU2N62K3 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	150°C (TJ)
Vgs(th) (Max) @ Id	4.5V @ 50µA	Mounting Type	Through Hole
Vgs (Max)	±30V	Input Capacitance (Ciss) (Max) @ Vds	340 pF @ 50 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	15 nC @ 10 V
Supplier Device Package	TO-251 (IPAK)	FET Type	N-Channel
Series	SuperMESH3™	FET Feature	-
Rds On (Max) @ Id, Vgs	3.60hm @ 1.1A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	45W (Tc)	Drain to Source Voltage (Vdss)	620 V
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA	Current - Continuous Drain (Id) @ 25°C	2.2A (Tc)
Package	Tube	Base Product Number	STU2N62

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STU2N62K3

Product Attribute				
Part Number	STU2N62K3	STU2LN60K3	STU27N3LH5	STU2N80K5
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Current - Continuous Drain (Id) @ 25°C	2.2A (Tc)	2A (Tc)	27A (Tc)	2A (Tc)
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA	TO-251-3 Short Leads, IPak, TO-251AA	TO-251-3 Short Leads, IPak, TO-251AA	TO-251-3 Short Leads, IPak, TO-251AA
Series	SuperMESH3™	SuperMESH3™	STripFET™ V	SuperMESH5™
Vgs (Max)	±30V	±30V	±22V	30V
Package	Tube	Tube	Tube	Tube
Gate Charge (Qg) (Max) @ Vgs	15 nC @ 10 V	12 nC @ 10 V	4.6 nC @ 5 V	9.5 nC @ 10 V
Supplier Device Package	TO-251 (IPAK)	TO-251 (IPAK)	TO-251 (IPAK)	TO-251 (IPAK)
Operating Temperature	150°C (TJ)	150°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 150°C (TJ)
Drain to Source Voltage (Vdss)	620 V	600 V	30 V	800 V
Rds On (Max) @ Id, Vgs	3.60hm @ 1.1A, 10V	4.50hm @ 1A, 10V	20m0hm @ 13.5A, 10V	4.50hm @ 1A, 10V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Vgs(th) (Max) @ Id	4.5V @ 50µA	4.5V @ 50µA	1V @ 250µA	5V @ 100µA
Input Capacitance (Ciss) (Max) @ Vds	340 pF @ 50 V	235 pF @ 50 V	475 pF @ 25 V	105 pF @ 100 V
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	4.5V, 10V	10V
Base Product Number	STU2N62	STU2LN60	STU27N	STU2N80
FET Feature	-	-	-	-
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Power Dissipation (Max)	45W (Tc)	45W (Tc)	30W (Tc)	45W (Tc)

STU2N62K3 Datasheet PDF

Download STU2N62K3 pdf datasheets and STMicroelectronics documentation for STU2N62K3 - STMicroelectronics.

Datasheets

STx2N62K3.pdf

PCN Packaging



















Box Label Chg 28/Jul/2016.pdf

PCN Design/Specification

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE		 NO PICTURE
STU2555	STU20N15 VBsemi	STU303S SAMHOP	STU25N03L MOS SAMHOP	STU2LN60K3 STMicroelectronics MOSFET N-CH 600V 2A IPAK	STU2455PLS SAMHOP
			 NO PICTURE	 NO PICTURE	 NO PICTURE
STU27N3LH5 STMicroelectronics MOSFET N-CH 30V 27A IPAK	STU2N80K5 STMicroelectronics MOSFET N-CH 800V 2A IPAK	STU2NK100Z STMicroelectronics MOSFET N-CH 1000V 1.85A IPAK	STU303S MOS SAMHOP	STU3055	STU302S
 NO PICTURE	 NO PICTURE	 NO PICTURE			 NO PICTURE
STU2240NL SAMHOP	STU3030NLS SAMHOP	STU25N03L SAMHOP	STU2N105K5 STMicroelectronics MOSFET N-CH 1050V 1.5A IPAK	STU2N95K5 STMicroelectronics MOSFET N-CH 950V 2A IPAK	STU25L01 SAMHOP

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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