



Image may be representation.
See specifications for product details.



STN2NF10

Manufacturer Part Number	STN2NF10
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STN2NF10
ECAD Model	PCB Footprint and Symbol
Parts Description	MOSFET N-CH 100V 2.4A SOT-223
Package	TO-261-4, TO-261AA
Data sheet	STN2NF10.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STN2NF10 - STMicroelectronics.New Original in Stock. Download Linear Technology STN2NF10 datasheet/specifications on AllelcoElec.com.
Request a quote for STN2NF10, please send us email: info@allelco.com

Specifications

STN2NF10 Tech Specifications

STN2NF10 - 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	4V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	280 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	14 nC @ 10 V
Supplier Device Package	SOT-223	FET Type	N-Channel
Series	STripFET™ II	FET Feature	-
Rds On (Max) @ Id, Vgs	260mOhm @ 1.2A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	3.3W (Tc)	Drain to Source Voltage (Vdss)	100 V
Package / Case	TO-261-4, TO-261AA	Current - Continuous Drain (Id) @ 25°C	2.4A (Tc)
Package	Tape & Reel (TR)	Base Product Number	STN2NF10

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STN2NF10

Product Attribute				
Part Number	STN2NF10	STN2NE10L	STN2NF06	STN2NF06LSF
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Drain to Source Voltage (Vdss)	100 V	100 V	-	-
Vgs(th) (Max) @ Id	4V @ 250µA	3V @ 250µA	-	-
Series	STripFET™ II	STripFET™	-	-
Current - Continuous Drain (Id) @ 25°C	2.4A (Tc)	1.8A (Tc)	-	-
Vgs (Max)	±20V	±20V	-	-
Package / Case	TO-261-4, TO-261AA	TO-261-4, TO-261AA	-	-
Rds On (Max) @ Id, Vgs	260mOhm @ 1.2A, 10V	400mOhm @ 1A, 10V	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	-	-
Mounting Type	Surface Mount	Surface Mount	-	-
Power Dissipation (Max)	3.3W (Tc)	2.5W (Tc)	-	-
Drive Voltage (Max Rds On, Min Rds On)	10V	5V, 10V	-	-
Gate Charge (Qg) (Max) @ Vgs	14 nC @ 10 V	14 nC @ 5 V	-	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	-
FET Feature	-	-	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	150°C (TJ)	-	-
FET Type	N-Channel	N-Channel	-	-
Supplier Device Package	SOT-223	SOT-223	-	-
Input Capacitance (Ciss) (Max) @ Vds	280 pF @ 25 V	345 pF @ 25 V	-	-
Base Product Number	STN2NF10	STN2N	-	-

STN2NF10 Datasheet PDF

Download STN2NF10 pdf datasheets and STMicroelectronics documentation for STN2NF10 - STMicroelectronics.

Datasheets

STN2NF10.pdf

PCN Packaging

Box Label Chg 28/Jul/2016.pdf

PCN Assembly/Origin



Customers Also Interested in

Recommended Products



STN2NF06
STMicroelectronics



STN2NE10L
STMicroelectronics
MOSFET N-CH 100V 1.8A SOT-223



STN2NF06LSF
STMicroelectronics



STN3400AS-TRG
SEMTRON-MICRO



STN2NF06-TR
STMicroelectronics



STN2NF06L
STMicroelectronics



STN2NF10 MOS
STMicroelectronics



STN2NF10TR
STMicroelectronics



STN3400S-TRG
SEMTRON



STN3401
SEMTRON-MICRO



STN2NE10LSF
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STN2NF06 MOS
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STN3402
SEMTRON-MICRO



STN2NE10L MOS
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STN2NF06L MOS
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STN3404
SEMTRON-MICRO



STN2NF10LSF
STMicroelectronics



STN2NE10L-TR
VBSEMI

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.



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Certifications & Memberships



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