

Image may be representation.
See specifications for product details.



VN2450N8-G

Manufacturer Part Number	VN2450N8-G
Manufacturer	Microchip Technology
Allelco Part Number	32D-VN2450N8-G
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 500V 250MA TO243AA
Package	TO-243AA
Data sheet	VN2450.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VN2450N8-G - Microchip Technology. New Original in Stock. Download Linear Technology VN2450N8-G datasheet/specifications on AllelcoElec.com.
Request a quote for VN2450N8-G, please send us email: info@allelco.com

Specifications

VN2450N8-G Tech Specifications

VN2450N8-G - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	4V @ 1mA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	150 pF @ 25 V
Technology	MOSFET (Metal Oxide)	FET Type	N-Channel
Supplier Device Package	TO-243AA (SOT-89)	FET Feature	-
Series	-	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Rds On (Max) @ Id, Vgs	130hm @ 400mA, 10V	Drain to Source Voltage (Vdss)	500 V
Power Dissipation (Max)	1.6W (Ta)	Current - Continuous Drain (Id) @ 25°C	250mA (TJ)
Package / Case	TO-243AA	Base Product Number	VN2450
Package	Tape & Reel (TR)		

Parts with Similar Specifications

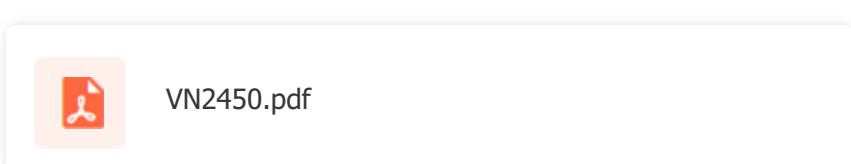
The three parts on the right have similar specifications to Microchip Technology VN2450N8-G

Product Attribute				
Part Number	VN2450N8-G	VN2410L-G	VN2406L-G	VN2450N3-G
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
FET Feature	-	-	-	-
Mounting Type	Surface Mount	Through Hole	Through Hole	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	150 pF @ 25 V	125 pF @ 25 V	125 pF @ 25 V	150 pF @ 25 V
Base Product Number	VN2450	VN2410	VN2406	VN2450
Series	-	-	-	-
Drain to Source Voltage (Vdss)	500 V	240 V	240 V	500 V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Rds On (Max) @ Id, Vgs	130hm @ 400mA, 10V	100hm @ 500mA, 10V	60hm @ 500mA, 10V	130hm @ 400mA, 10V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Supplier Device Package	TO-243AA (SOT-89)	TO-92-3	TO-92-3	TO-92-3
Package	Tape & Reel (TR)	Bag	Bag	Bag
Package / Case	TO-243AA	TO-226-3, TO-92-3 (TO-226AA)	TO-226-3, TO-92-3 (TO-226AA)	TO-226-3, TO-92-3 (TO-226AA)
Vgs (Max)	±20V	±20V	±20V	±20V
Current - Continuous Drain (Id) @ 25°C	250mA (TJ)	190mA (TJ)	190mA (TJ)	200mA (TJ)
Vgs(th) (Max) @ Id	4V @ 1mA	2V @ 1mA	2V @ 1mA	4V @ 1mA
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Power Dissipation (Max)	1.6W (Ta)	1W (Tc)	1W (Tc)	1W (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	2.5V, 10V	2.5V, 10V	4.5V, 10V

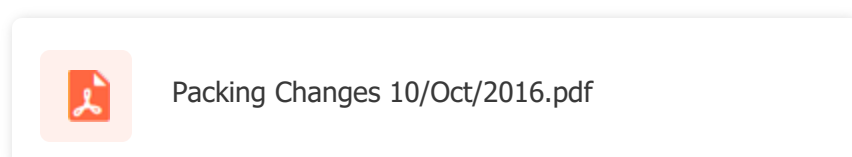
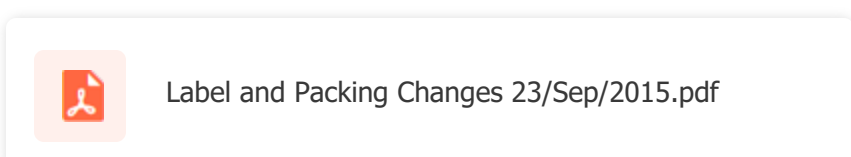
VN2450N8-G Datasheet PDF

Download VN2450N8-G pdf datasheets and Microchip Technology documentation for VN2450N8-G - Microchip Technology.

Datasheets



PCN Packaging





















Environmental Information

PCN Design/Specification

Die Attach Material Update 26/Aug/2015.pdf

Customers Also Interested in

Recommended Products

					
VN2410L-G Microchip Technology MOSFET N-CH 240V 190MA TO92-3	VN2406L-G Microchip Technology MOSFET N-CH 240V 190MA TO92-3	VN2406D Electro-Films (EFI) / Vishay	VN2450N3 SUPERTEX	VN2406L Electro-Films (EFI) / Vishay	VN2460L SUPERTEX
					
VN2450N3-G Microchip Technology MOSFET N-CH 500V 200MA TO92-3	VN2651 XX	VN2880 XX	VN2302ECB Micrel / Microchip Technology	VN2460N3-G Microchip Technology MOSFET N-CH 600V 160MA TO92-3	VN2460N3 SUPERTEX
					
VN2224N3 SUPERTEX	VN2460N8 SUPERTEX	VN2410LS Electro-Films (EFI) / Vishay	VN2410M Siliconix N-CHANNEL, MOSFET	VN2410L SUPERTEX	VN2460N8-G Microchip Technology MOSFET N-CH 600V 200MA TO243AA

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 info@allelco.com
--	--

Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com