



Image may be representation.
See specifications for product details.



VN2106N3-G

Manufacturer Part Number	VN2106N3-G
Manufacturer	Microchip Technology
Allelco Part Number	32D-VN2106N3-G
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 60V 300MA TO92-3
Package	TO-226-3, TO-92-3 (TO-226AA)
Data sheet	VN2106N3-G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VN2106N3-G - Microchip Technology. New Original in Stock. Download Linear Technology VN2106N3-G datasheet/specifications on AllelcoElec.com. Request a quote for VN2106N3-G, please send us email: info@allelco.com

Specifications

VN2106N3-G Tech Specifications

VN2106N3-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	2.4V @ 1mA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	50 pF @ 25 V
Technology	MOSFET (Metal Oxide)	FET Type	N-Channel
Supplier Device Package	TO-92-3	FET Feature	-
Series	-	Drive Voltage (Max Rds On, Min Rds On)	5V, 10V
Rds On (Max) @ Id, Vgs	40hm @ 500mA, 10V	Drain to Source Voltage (Vdss)	60 V
Power Dissipation (Max)	1W (Tc)	Current - Continuous Drain (Id) @ 25°C	300mA (TJ)
Package / Case	TO-226-3, TO-92-3 (TO-226AA)	Base Product Number	VN2106
Package	Bag		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology VN2106N3-G

Product Attribute				
Part Number	VN2106N3-G	VN2110K1-G	VN2210N2	VN2210N3-G
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Current - Continuous Drain (Id) @ 25°C	300mA (TJ)	200mA (TJ)	1.7A (TJ)	1.2A (TJ)
Vgs (Max)	±20V	±20V	±20V	±20V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Base Product Number	VN2106	VN2110	VN2210	VN2210
Mounting Type	Through Hole	Surface Mount	Through Hole	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	50 pF @ 25 V	50 pF @ 25 V	500 pF @ 25 V	500 pF @ 25 V
Supplier Device Package	TO-92-3	SOT-23-3	TO-39	TO-92-3
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Series	-	-	-	-
Drive Voltage (Max Rds On, Min Rds On)	5V, 10V	5V, 10V	5V, 10V	5V, 10V
Power Dissipation (Max)	1W (Tc)	360mW (Tc)	360mW (Tc)	740mW (Tc)
Package	Bag	Tape & Reel (TR)	Bag	Bag
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Vgs(th) (Max) @ Id	2.4V @ 1mA	2.4V @ 1mA	2.4V @ 10mA	2.4V @ 10mA
Rds On (Max) @ Id, Vgs	40hm @ 500mA, 10V	40hm @ 500mA, 10V	350mOhm @ 4A, 10V	350mOhm @ 4A, 10V
FET Feature	-	-	-	-
Drain to Source Voltage (Vdss)	60 V	100 V	100 V	100 V
Package / Case	TO-226-3, TO-92-3 (TO-226AA)	TO-236-3, SC-59, SOT-23-3	TO-205AD, TO-39-3 Metal Can	TO-226-3, TO-92-3 (TO-226AA)

VN2106N3-G Datasheet PDF

Download VN2106N3-G pdf datasheets and Microchip Technology documentation for VN2106N3-G - Microchip Technology.

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Environmental Information

Microchip CA Prop65.pdf

Microchip REACH.pdf

Microchip RoHS.pdf

PCN Assembly/Origin



Customers Also Interested in

Recommended Products

**VN2110K1-G**Microchip Technology
MOSFET N-CH 100V 200MA SOT23-3**VN2210N2**Microchip Technology
MOSFET N-CH 100V 1.7A TO39**VN20AN**

STMicroelectronics



NO PICTURE

VN20609465**VN2210N3**

Electro-Films (EFI) / Vishay

**VN21SP**

STMicroelectronics

**VN20NSP**

STMicroelectronics



NO PICTURE

VN2204N3

SUPERTEX

**VN2206N3**

Electro-Films (EFI) / Vishay



NO PICTURE

VN201DJ

VTC

**VN2210N3-G**Microchip Technology
MOSFET N-CH 100V 1.2A TO92-3

NO PICTURE

VN2040N7

NO PICTURE

VN2110K1

SUPERTEX



NO PICTURE

VN20ANSP**VN2020**

Electro-Films (EFI) / Vishay



NO PICTURE

VN2020L

SI



NO PICTURE

VN2110K

SI



NO PICTURE

VN20609466

MARSCHNER

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
ManagementCost-Saving
ProcurementFast Sourcing &
Delivery

Contact us if you have any questions.



Phone

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Certifications & Memberships

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