



Image may be representation.
See specifications for product details.



DN2540N3-G

Manufacturer Part Number	DN2540N3-G
Manufacturer	Microchip Technology
Allelco Part Number	32D-DN2540N3-G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CH 400V 120MA TO92
Package	TO-226-3, TO-92-3 (TO-226AA)
Data sheet	DN2540N3-G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DN2540N3-G - Microchip Technology. New Original in Stock. Download Linear Technology DN2540N3-G datasheet/specifications on AllelcoElec.com.
Request a quote for DN2540N3-G, please send us email: info@allelco.com

Specifications

DN2540N3-G Tech Specifications
DN2540N3-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	-	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	300 pF @ 25 V
Technology	MOSFET (Metal Oxide)	FET Type	N-Channel
Supplier Device Package	TO-92 (TO-226)	FET Feature	Depletion Mode
Series	-	Drive Voltage (Max Rds On, Min Rds On)	0V
Rds On (Max) @ Id, Vgs	250hm @ 120mA, 0V	Drain to Source Voltage (Vdss)	400 V
Power Dissipation (Max)	1W (Tc)	Current - Continuous Drain (Id) @ 25°C	120mA (TJ)
Package / Case	TO-226-3, TO-92-3 (TO-226AA)	Base Product Number	DN2540
Package	Bag		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology DN2540N3-G

Product Attribute				
Part Number	DN2540N3-G	DN2530N8-G	DN2540N8-G	DN2625K4-G
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
FET Feature	Depletion Mode	Depletion Mode	Depletion Mode	Depletion Mode
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Vgs (Max)	±20V	±20V	±20V	±20V
Base Product Number	DN2540	DN2530	DN2540	DN2625
Power Dissipation (Max)	1W (Tc)	1.6W (Ta)	1.6W (Tc)	-
Rds On (Max) @ Id, Vgs	250hm @ 120mA, 0V	120hm @ 150mA, 0V	250hm @ 120mA, 0V	3.50hm @ 1A, 0V
Package / Case	TO-226-3, TO-92-3 (TO-226AA)	TO-243AA	TO-243AA	TO-252-3, DPak (2 Leads + Tab), SC-63
Vgs(th) (Max) @ Id	-	-	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Package	Bag	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Input Capacitance (Ciss) (Max) @ Vds	300 pF @ 25 V	300 pF @ 25 V	300 pF @ 25 V	1000 pF @ 25 V
Drain to Source Voltage (Vdss)	400 V	300 V	400 V	250 V
Current - Continuous Drain (Id) @ 25°C	120mA (TJ)	200mA (TJ)	170mA (TJ)	1.1A (TJ)
Series	-	-	-	-
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Supplier Device Package	TO-92 (TO-226)	TO-243AA (SOT-89)	TO-243AA (SOT-89)	TO-252, (D-Pak)
Drive Voltage (Max Rds On, Min Rds On)	0V	0V	0V	0V

DN2540N3-G Datasheet PDF

Download DN2540N3-G pdf datasheets and Microchip Technology documentation for DN2540N3-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

DN2510 R2 DUST	DN2530N8-G Microchip Technology MOSFET N-CH 300V 200MA TO243AA	DN2540N8-G Microchip Technology MOSFET N-CH 400V 170MA TO243AA	DN2625K4-G Microchip Technology MOSFET N-CH 250V 1.1A TO252	DN2510 DUST	DN200F AUK
DN2530N3-G Microchip Technology MOSFET N-CH 300V 175MA TO92	DN2450N8-G Microchip Technology MOSFET N-CH 500V 230MA TO243AA	DN2510R2 DUST	DN2470K4-G Microchip Technology MOSFET N-CH 700V 170MA TO252	DN2535N5 SUPERTEX	DN2470K4G SUPERTEX
DN2540N5 SUPERTEX	DN2530N8 SUPERTEX	DN2540N5-G Microchip Technology MOSFET N-CH 400V 500MA TO220-3	DN2540N8 Micrel / Microchip Technology	DN2535N3 SUPERTEX	DN2535N5-G Microchip Technology MOSFET N-CH 350V 500MA TO220-3

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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