



NDF04N60ZG

Manufacturer Part Number	NDF04N60ZG
Manufacturer	onsemi
Allelco Part Number	32D-NDF04N60ZG
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CH 600V 4.8A TO220FP
Package	TO-220-3 Full Pack
Data sheet	NDx04N60Z.pdf



Get a Quote

NDF04N60ZG - onsemi.New Original in Stock. Download Linear Technology NDF04N60ZG datasheet/specifications on AllelcoElec.com.
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Specifications





NDF04N60ZG Tech Specifications

NDF04N60ZG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	4.5V @ 50µA	Mounting Type	Through Hole
Vgs (Max)	±30V	Input Capacitance (Ciss) (Max) @ Vds	640 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	29 nC @ 10 V
Supplier Device Package	TO-220FP	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	20hm @ 2A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	30W (Tc)	Drain to Source Voltage (Vdss)	600 V
Package / Case	TO-220-3 Full Pack	Current - Continuous Drain (Id) @ 25°C	4.8A (Tc)
Package	Tube	Base Product Number	NDF04

Parts with Similar Specifications

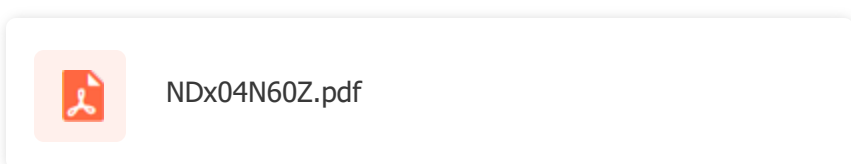
The three parts on the right have similar specifications to onsemi NDF04N60ZG

Product Attribute	 NO PICTURE			
Part Number	NDF04N60ZG	NDF08N60ZH	NDF08N50ZH	NDF05N50ZH
Manufacturer	onsemi	onsemi	onsemi	Sanyo
Package / Case	TO-220-3 Full Pack	TO-220-3 Full Pack	TO-220-3 Full Pack	TO-220-3 Full Pack
Supplier Device Package	TO-220FP	TO-220-2 Full Pack	TO-220-2 Full Pack	TO-220-3 Full Pack
Package	Tube	Tube	Tube	Tube
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Rds On (Max) @ Id, Vgs	20hm @ 2A, 10V	950mOhm @ 3.5A, 10V	850mOhm @ 3.6A, 10V	1.50hm @ 2.2A, 10V
Base Product Number	NDF04	NDF08	NDF08	-
FET Feature	-	-	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Power Dissipation (Max)	30W (Tc)	36W (Tc)	35W (Tc)	30W (Tc)
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Current - Continuous Drain (Id) @ 25°C	4.8A (Tc)	8.4A (Tc)	8.5A (Tc)	5.5A (Ta)
Series	-	-	-	-
Input Capacitance (Ciss) (Max) @ Vds	640 pF @ 25 V	1370 pF @ 25 V	1095 pF @ 25 V	632 pF @ 25 V
Gate Charge (Qg) (Max) @ Vgs	29 nC @ 10 V	58 nC @ 10 V	46 nC @ 10 V	28 nC @ 10 V
Vgs (Max)	±30V	±30V	±30V	±30V
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	-
Drain to Source Voltage (Vdss)	600 V	600 V	500 V	500 V
Vgs(th) (Max) @ Id	4.5V @ 50µA	4.5V @ 100µA	4.5V @ 100µA	4.5V @ 50µA

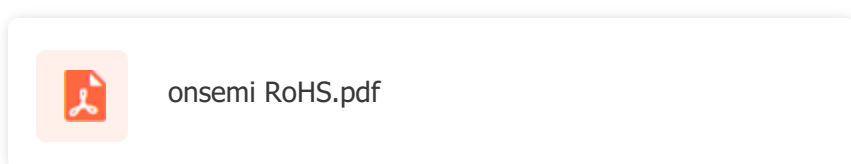
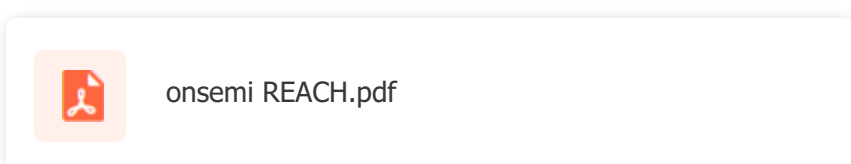
NDF04N60ZG Datasheet PDF

Download NDF04N60ZG pdf datasheets and onsemi documentation for NDF04N60ZG - onsemi.

Datasheets



Environmental Information





















PCN Obsolescence/ EOL



 Assembly/Test Site Revision 12/Nov/2014.pdf

Customers Also Interested in

Recommended Products

					
NDF08N60ZH onsemi MOSFET N-CH 600V 8.4A TO220FP	NDF08N50ZH onsemi MOSFET N-CH 500V 8.5A TO220FP	NDF05N50ZH Sanyo MOSFET N-CH 500V 5.5A TO220-3	NDF03N60ZH onsemi MOSFET N-CH 600V 3.1A TO220FP	NDF04N62ZG onsemi MOSFET N-CH 620V 4.4A TO220FP	NDF06N60ZG onsemi MOSFET N-CH 600V 7.1A TO220FP
					
NDF08N50ZG onsemi MOSFET N-CH 500V 8.5A TO220FP	NDF05N50ZG MOS AMI Semiconductor/onsemi	NDF06N62ZG onsemi MOSFET N-CH 620V 6A TO220FP	NDF02N60ZG Sanyo MOSFET N-CH 600V 2.4A TO220FP	NDF04N60ZH onsemi MOSFET N-CH 600V 4.8A TO220FP	NDF05N50ZG onsemi MOSFET N-CH 500V 5.5A TO220FP
					
NDF02N60ZH onsemi MOSFET N-CH 600V 2.4A TO220FP	NDF06N60ZH Sanyo MOSFET N-CH 600V 6A TO220-3	NDF03N60ZG onsemi MOSFET N-CH 600V 3.1A TO220FP	NDF08N60ZG onsemi MOSFET N-CH 600V 8.4A TO220FP	NDF04N60ZG MOS AMI Semiconductor/onsemi	NDF08N50ZG MOS AMI Semiconductor/onsemi

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 Alleco 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



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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@Alleco.com