

Image may be representation.
See specifications for product details.



NTF3055L108T1G

Manufacturer Part Number	NTF3055L108T1G
Manufacturer	onsemi
Allelco Part Number	32D-NTF3055L108T1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET N-CH 60V 3A SOT223
Package	TO-261-4, TO-261AA
Data sheet	NTF3055L108, NVF3055L108.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NTF3055L108T1G - onsemi.New Original in Stock. Download Linear Technology NTF3055L108T1G datasheet/specifications on AllelcoElec.com.
Request a quote for NTF3055L108T1G, please send us email: info@allelco.com

Specifications

NTF3055L108T1G Tech Specifications

NTF3055L108T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-55°C ~ 175°C (TJ)
Vgs(th) (Max) @ Id	2V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±15V	Input Capacitance (Ciss) (Max) @ Vds	440 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	15 nC @ 5 V
Supplier Device Package	SOT-223 (TO-261)	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	120mOhm @ 1.5A, 5V	Drive Voltage (Max Rds On, Min Rds On)	5V
Power Dissipation (Max)	1.3W (Ta)	Drain to Source Voltage (Vdss)	60 V
Package / Case	TO-261-4, TO-261AA	Current - Continuous Drain (Id) @ 25°C	3A (Ta)
Package	Tape & Reel (TR)	Base Product Number	NTF3055

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NTF3055L108T1G

Product Attribute				
Part Number	NTF3055L108T1G	NTF3055-160T3LF	NTF5P03T3G	NTF3055-100T3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Drive Voltage (Max Rds On, Min Rds On)	5V	10V	4.5V, 10V	10V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Vgs(th) (Max) @ Id	2V @ 250µA	4V @ 250µA	3V @ 250µA	4V @ 250µA
Drain to Source Voltage (Vdss)	60 V	60 V	30 V	60 V
Vgs (Max)	±15V	±20V	±20V	±20V
Package / Case	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-261-4, TO-261AA
FET Type	N-Channel	N-Channel	P-Channel	N-Channel
Current - Continuous Drain (Id) @ 25°C	3A (Ta)	2A (Ta)	3.7A (Ta)	3A (Ta)
Gate Charge (Qg) (Max) @ Vgs	15 nC @ 5 V	14 nC @ 10 V	38 nC @ 10 V	22 nC @ 10 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Input Capacitance (Ciss) (Max) @ Vds	440 pF @ 25 V	280 pF @ 25 V	950 pF @ 25 V	455 pF @ 25 V
Base Product Number	NTF3055	NTF305	NTF5P03	NTF305
Supplier Device Package	SOT-223 (TO-261)	SOT-223 (TO-261)	SOT-223 (TO-261)	SOT-223 (TO-261)
Series	-	-	-	-
Power Dissipation (Max)	1.3W (Ta)	1.3W (Ta)	1.56W (Ta)	1.3W (Ta)
Rds On (Max) @ Id, Vgs	120mOhm @ 1.5A, 5V	160mOhm @ 1A, 10V	100mOhm @ 5.2A, 10V	110mOhm @ 1.5A, 10V
FET Feature	-	-	-	-
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)

NTF3055L108T1G Datasheet PDF

Download NTF3055L108T1G pdf datasheets and onsemi documentation for NTF3055L108T1G - onsemi.

Datasheets

[NTF3055L108, NVF3055L108.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Packaging

 Covering Tape/Material Chg 20/May/2016.pdf

PCN Design/Specification

 Datasheet MSL Updated 2/April/2007.pdf

PCN Assembly/Origin

 Bond Wire 13/Nov/2020.pdf

Customers Also Interested in

Recommended Products



NTF3055-160T3LF

onsemi
MOSFET N-CH 60V 2A SOT223



NTF5P03T3G

onsemi
MOSFET P-CH 30V 3.7A SOT223



NTF3055L175T1G MOS

AMI Semiconductor/onsemi



NTF3055-160T1G

AMI Semiconductor/onsemi



NTF3055-100T3G

onsemi
MOSFET N-CH 60V 3A SOT223



NTF3055L

AMI Semiconductor/onsemi



NTF3055-100T1G

onsemi
MOSFET N-CH 60V 3A SOT223



NTF50505MC

Murata Power Solutions Inc.
DC DC CONVERTER 5V 1W



NTF3055L108T1

MOTOROLA



NTF3055L175T1G

onsemi
MOSFET N-CH 60V 2A SOT223



NTF6P02T3G

onsemi
MOSFET P-CH 20V 10A SOT223



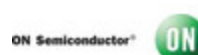
NTF3055L108T3G

onsemi
MOSFET N-CH 60V 3A SOT223



NTF3055L175T3G

onsemi
MOSFET N-CH 60V 2A SOT223



NTF3055-100

AMI Semiconductor/onsemi



NTF3055-108T1G

AMI Semiconductor/onsemi



NTF3055-100T1

onsemi
MOSFET N-CH 60V 3A SOT223



NTF3055L108

ON



NTF6P02T3G 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 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

