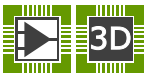





NTMF55C670NLT1G

Manufacturer Part Number	NTMF55C670NLT1G
Manufacturer	onsemi
Allelco Part Number	32D-NTMF55C670NLT1G
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CH 60V 17A/71A 5DFN
Package	8-PowerTDFN, 5 Leads
Data sheet	NTMF55C670NL.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

NTMF55C670NLT1G - onsemi.New Original in Stock. Download Linear Technology NTMF55C670NLT1G datasheet/specifications on AllelcoElec.com.

Request a quote for NTMF55C670NLT1G, please send us email: info@allelco.com

Specifications





NTMF55C670NLT1G Tech Specifications

NTMF55C670NLT1G - 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)	±20V	Input Capacitance (Ciss) (Max) @ Vds	1400 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	20 nC @ 10 V
Supplier Device Package	5-DFN (5x6) (8-SOFL)	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	6.1mOhm @ 35A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	3.6W (Ta), 61W (Tc)	Drain to Source Voltage (Vdss)	60 V
Package / Case	8-PowerTDFN, 5 Leads	Current - Continuous Drain (Id) @ 25°C	17A (Ta), 71A (Tc)
Package	Tape & Reel (TR)	Base Product Number	NTMF55

Parts with Similar Specifications

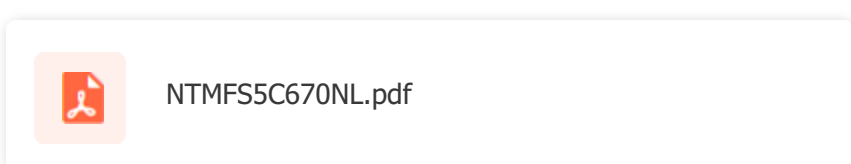
The three parts on the right have similar specifications to onsemi NTMF55C670NLT1G

Product Attribute	 NO PICTURE			
Part Number	NTMF55C670NLT1G	NTMF55H409NLT1G	NTMF55C682NLT1G	NTMF55C673NLT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	4.5V, 10V	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds	1400 pF @ 25 V	5700 pF @ 20 V	410 pF @ 25 V	880 pF @ 25 V
Current - Continuous Drain (Id) @ 25°C	17A (Ta), 71A (Tc)	41A (Ta), 270A (Tc)	25A (Tc)	50A (Tc)
Rds On (Max) @ Id, Vgs	6.1mOhm @ 35A, 10V	1.1mOhm @ 50A, 10V	21mOhm @ 10A, 10V	9.2mOhm @ 25A, 10V
Base Product Number	NTMF55	NTMF55	NTMF55	NTMF55
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
FET Feature	-	-	-	-
Drain to Source Voltage (Vdss)	60 V	40 V	60 V	60 V
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Supplier Device Package	5-DFN (5x6) (8-SOFL)	5-DFN (5x6) (8-SOFL)	5-DFN (5x6) (8-SOFL)	5-DFN (5x6) (8-SOFL)
Gate Charge (Qg) (Max) @ Vgs	20 nC @ 10 V	89 nC @ 10 V	5 nC @ 10 V	9.5 nC @ 10 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Power Dissipation (Max)	3.6W (Ta), 61W (Tc)	3.2W (Ta), 140W (Tc)	28W (Tc)	3.6W (Ta), 46W (Tc)
Vgs(th) (Max) @ Id	2V @ 250µA	2V @ 250µA	2V @ 16µA	2V @ 35µA
Series	-	-	-	-
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Package / Case	8-PowerTDFN, 5 Leads	8-PowerTDFN, 5 Leads	8-PowerTDFN, 5 Leads	8-PowerTDFN, 5 Leads
Vgs (Max)	±20V	±20V	±20V	±20V

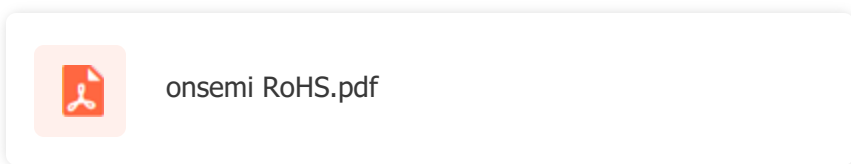
NTMF55C670NLT1G Datasheet PDF

Download NTMF55C670NLT1G pdf datasheets and onsemi documentation for NTMF55C670NLT1G - onsemi.

Datasheets



Environmental Information








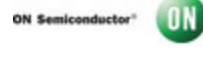
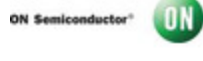

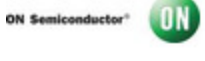

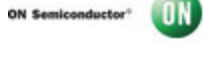







PCN Assembly/Origin



Customers Also Interested in

Recommended Products

 NTMF55H409NLT1G onsemi MOSFET N-CH 40V 41A/270A 5DFN	 NTMF55C682NLT1G onsemi MOSFET N-CH 60V 25A 5DFN	 NTMF55C673NLT1G onsemi MOSFET N-CH 60V 5DFN	 NTMF55C628NLT1G onsemi MOSFET N-CH 60V 5DFN	 NTMF55C645NLT1G onsemi MOSFET N-CH 60V 22A/100A 5DFN	 NTMF56B03NT1G onsemi MOSFET N-CH 100V 19A/132A 5DFN
 NTMF55H400NLT1G onsemi MOSFET N-CH 40V 46A/330A 5DFN	 NTMF56B05NT1G onsemi MOSFET N-CH 100V 16A/104A 5DFN	 NTMF55C604NT1G AMI Semiconductor/onsemi	 NTMF56B03NT3G onsemi MOSFET N-CH 100V 19A/132A 5DFN	 NTMF55C612NLT1G onsemi MOSFET N-CH 60V 36A/235A 5DFN	 NTMF55C628NLT1G-01 AMI Semiconductor/onsemi
 NTMF56B05NT3G onsemi MOSFET N-CH 100V 16A/104A 5DFN	 NTMF55C468NLT3G onsemi MOSFET N-CH 40V 5DFN	 NTMF55C646NLT1G onsemi MOSFET N-CH 60V 19A 5DFN	 NTMF55H414NLT1G onsemi MOSFET N-CH 40V 35A/210A 5DFN	 NTMF55H600NLT1G onsemi MOSFET N-CH 60V 35A/250A 5DFN	 NTMF55C604NLT1G onsemi MOSFET N-CH 60V 38A 5DFN

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.

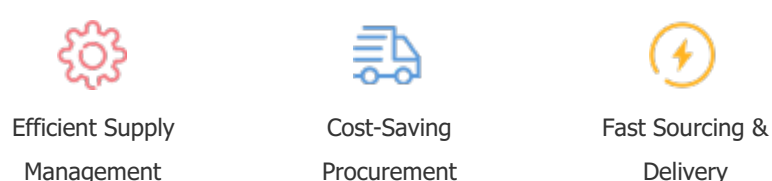
Payment Support

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 -



Contact us if you have any questions.



Certifications & Memberships



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