



# NTMFS4708NT1G

Manufacturer Part Number	<b>NTMFS4708NT1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NTMFS4708NT1G
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 30V 7.8A 5DFN
Package	8-PowerTDFN, 5 Leads
Data sheet	<b>NTMFS4708N.pdf</b>



**Get a Quote**

NTMFS4708NT1G - onsemi.New Original in Stock. Download Linear Technology NTMFS4708NT1G datasheet/specifications on AllelcoElec.com.  
Request a quote for NTMFS4708NT1G, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

NTMFS4708NT1G Tech Specifications

NTMFS4708NT1G - 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	2.5V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	970 pF @ 24 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	15 nC @ 4.5 V
Supplier Device Package	5-DFN (5x6) (8-SOFL)	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	10mOhm @ 11.5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	1W (Ta)	Drain to Source Voltage (Vdss)	30 V
Package / Case	8-PowerTDFN, 5 Leads	Current - Continuous Drain (Id) @ 25°C	7.8A (Ta)
Package	Tape & Reel (TR)	Base Product Number	NTMFS4

## Parts with Similar Specifications

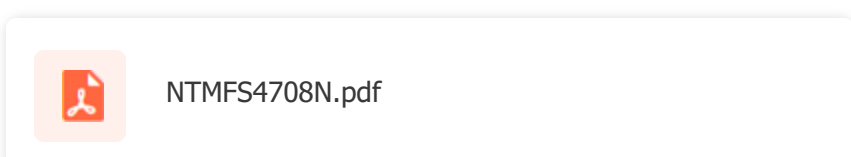
The three parts on the right have similar specifications to onsemi NTMFS4708NT1G

Product Attribute	NO PICTURE			
Part Number	NTMFS4708NT1G	NTMFS4833NT1G	NTMFS4701NT1G	NTMFS4108NT3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
FET Feature	-	-	-	-
Vgs(th) (Max) @ Id	2.5V @ 250µA	2.5V @ 250µA	3V @ 250µA	2.5V @ 250µA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	4.5V, 10V	4.5V, 10V
Supplier Device Package	5-DFN (5x6) (8-SOFL)	5-DFN (5x6) (8-SOFL)	5-DFN (5x6) (8-SOFL)	5-DFN (5x6) (8-SOFL)
Base Product Number	NTMFS4	NTMFS4833	NTMFS4	NTMFS4
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)
Input Capacitance (Ciss) (Max) @ Vds	970 pF @ 24 V	5600 pF @ 12 V	1280 pF @ 24 V	6000 pF @ 15 V
Power Dissipation (Max)	1W (Ta)	910mW (Ta), 125W (Tc)	900mW (Ta)	1.1W (Ta), 96.2W (Tc)
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Drain to Source Voltage (Vdss)	30 V	30 V	30 V	30 V
Package / Case	8-PowerTDFN, 5 Leads	8-PowerTDFN, 5 Leads	8-PowerTDFN, 5 Leads	8-PowerTDFN, 5 Leads
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Gate Charge (Qg) (Max) @ Vgs	15 nC @ 4.5 V	88 nC @ 11.5 V	15 nC @ 4.5 V	54 nC @ 4.5 V
Current - Continuous Drain (Id) @ 25°C	7.8A (Ta)	16A (Ta), 156A (Tc)	7.7A (Ta)	13.5A (Ta)
Rds On (Max) @ Id, Vgs	10mOhm @ 11.5A, 10V	2mOhm @ 30A, 10V	8mOhm @ 20A, 10V	2.2mOhm @ 21A, 10V

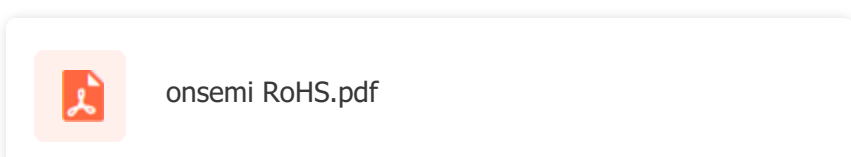
## NTMFS4708NT1G Datasheet PDF

Download NTMFS4708NT1G pdf datasheets and onsemi documentation for NTMFS4708NT1G - onsemi.

### Datasheets















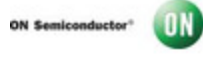





### Environmental Information



## Customers Also Interested in

## Recommended Products

 <b>NTMFS4833NT1G</b> onsemi MOSFET N-CH 30V 16A/156A SDFN	 <b>NTMFS4744N</b> AMI Semiconductor/onsemi	 <b>NTMFS4701NT1G</b> onsemi MOSFET N-CH 30V 7.7A SDFN	 <b>NTMFS4709NT1G</b> onsemi NFET S08FL 30V 94A .003R	 <b>NTMFS4108NT3G</b> onsemi MOSFET N-CH 30V 13.5A SDFN	 <b>NTMFS4823NT1G</b> onsemi MOSFET N-CH 30V 6.9A/30A SDFN
 <b>NTMFS4744NT1G</b> onsemi MOSFET N-CH 30V 7A SDFN	 <b>NTMFS4821NT3G</b> onsemi MOSFET N-CH 30V 8.8A/58.5A SDFN	 <b>NTMFS4120NT1G</b> onsemi MOSFET N-CH 30V 11A SDFN	 <b>NTMFS4108NT1G</b> onsemi MOSFET N-CH 30V 13.5A SDFN	 <b>NTMFS4707NT1G</b> onsemi MOSFET N-CH 30V 6.9A SDFN	 <b>NTMFS4121NT1G</b> onsemi MOSFET N-CH 30V 11A SDFN
 <b>NTMFS4821NT1G</b> onsemi MOSFET N-CH 30V 8.8A/58.5A SDFN	 <b>NTMFS4833NST1G</b> onsemi MOSFET N-CH 30V 16A/156A SO-8FL	 <b>NTMFS4833NST3G</b> onsemi MOSFET N-CH 30V 16A/156A SO-8FL	 <b>NTMFS4119NT1G</b> onsemi MOSFET N-CH 30V 11A SDFN	 <b>NTMFS4108N</b> AMI Semiconductor/onsemi	 <b>NTMFS4119N</b> 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.

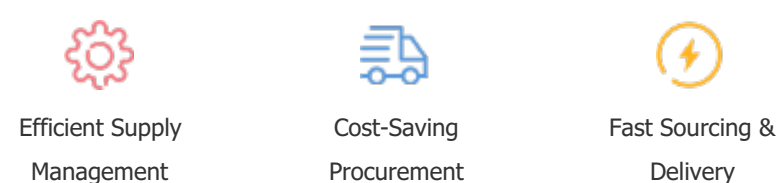
Contact us if you have any questions.

### Payment Support

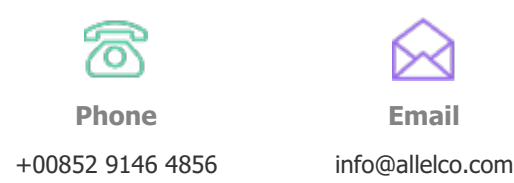
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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