



NVMFS3D0P04M8LT1G

Manufacturer Part Number	NVMFS3D0P04M8LT1G
Manufacturer	onsemi
Allelco Part Number	32D-NVMFS3D0P04M8LT1G
ECAD Model	Request Free CAD Models
Parts Description	MV8 P INITIAL PROGRAM
Package	8-PowerTDFN, 5 Leads
Data sheet	NVMFS3D0P04M8L.pdf
RoHs Status	ROHS3 Compliant

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Specifications

NVMFS3D0P04M8LT1G Tech Specifications

NVMFS3D0P04M8LT1G - 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	2.4V @ 2mA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	5827 pF @ 20 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	124 nC @ 10 V
Supplier Device Package	5-DFN (5x6) (8-SOFL)	FET Type	P-Channel
Series	Automotive, AEC-Q101	FET Feature	-
Rds On (Max) @ Id, Vgs	2.7mOhm @ 30A,10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	3.9W (Ta), 171W (Tc)	Drain to Source Voltage (Vdss)	40 V
Package / Case	8-PowerTDFN, 5 Leads	Current - Continuous Drain (Id) @ 25°C	28A (Ta), 183A (Tc)
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NVMFS3D0P04M8LT1G

Product Attribute	NO PICTURE			
Part Number	NVMFS3D0P04M8LT1G	NVMFS014P04M8LT1G	NVMFD6H852NLWFT1G	NVMFS4C01NT3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	5-DFN (5x6) (8-SOFL)	5-DFN (5x6) (8-SOFL)	8-DFN (5x6) Dual Flag (SO8FL-Dual)	5-DFN (5x6) (8-SOFL)
Vgs(th) (Max) @ Id	2.4V @ 2mA	2.4V @ 420µA	2V @ 26µA	2.2V @ 250µA
Input Capacitance (Ciss) (Max) @ Vds	5827 pF @ 20 V	1734 pF @ 20 V	521 pF @ 40 V	10144 pF @ 15 V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Power Dissipation (Max)	3.9W (Ta), 171W (Tc)	3.6W (Ta), 60W (Tc)	3.2W (Ta), 38W (Tc)	3.84W (Ta), 161W (Tc)
Rds On (Max) @ Id, Vgs	2.7mOhm @ 30A,10V	13.8mOhm @ 15A, 10V	25.5mOhm @ 10A, 10V	0.9mOhm @ 30A, 10V
Vgs (Max)	±20V	±20V	±20V	±20V
FET Feature	-	-	-	-
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101
Current - Continuous Drain (Id) @ 25°C	28A (Ta), 183A (Tc)	12.5A (Ta), 52.1A (Tc)	7A (Ta), 25A (Tc)	49A (Ta), 319A (Tc)
Drain to Source Voltage (Vdss)	40 V	40 V	80 V	30 V
Package / Case	8-PowerTDFN, 5 Leads	8-PowerTDFN, 5 Leads	8-PowerTDFN	8-PowerTDFN, 5 Leads
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Gate Charge (Qg) (Max) @ Vgs	124 nC @ 10 V	26.5 nC @ 10 V	10 nC @ 10 V	139 nC @ 10 V
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	4.5V, 10V	4.5V, 10V
FET Type	P-Channel	P-Channel	N-Channel	N-Channel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

NVMFS3D0P04M8LT1G Datasheet PDF

Download NVMFS3D0P04M8LT1G pdf datasheets and onsemi documentation for NVMFS3D0P04M8LT1G - onsemi.

Datasheets

NVMFS3D0P04M8L.pdf

Customers Also Interested in

Recommended Products



NVMFD5C672NLT1Gonsemi
MOSFET 2N-CH 60V 49A S08FL**NVMFD5C674NLT1G**onsemi
MOSFET 2N-CH 60V 42A S08FL**NVMFS014P04M8LT1G**onsemi
MV8 40V P-CH LL IN S08FL PACKAGE**NVMFD6H852NLWFT1G**onsemi
MOSFET N-CH 80V 7A/25A 8DFN DL**NVMFS4C01NT3G**onsemi
MOSFET N-CH 30V 49A/319A 5DFN**NVMFS4C03NT3G**onsemi
MOSFET N-CH 30V 31.4A/143A 5DFN**NVMFS015N10MCLT1G**onsemi
MOSFET N-CH 100V 10.5A/54A 5DFN**NVMFD5C668NLT1G**onsemi
T6 60V S08FL DUAL**NVMFS4C01NT1G**onsemi
MOSFET N-CH 30V 49A/319A 5DFN**NVMFS4C03NT1G**onsemi
MOSFET N-CH 30V 31.4A/143A 5DFN**NVMFD5C680NLT1G**onsemi
MOSFET 2N-CH 60V 26A S08FL**NVMFS4841NWFT1G**onsemi
MOSFET N-CH 30V 16A 5DFN**NVMFD6H852NLT1G**onsemi
MOSFET N-CH 80V 7A/25A 8DFN DL**NVMFS025P04M8LT1G**onsemi
MV8 40V P-CH LL IN S08FL PACKAGE**NVMFD5C478NWFT1G**onsemi
40V 17 MOHM T8 S08FL DUAL**NVMFS4C03NWFT3G**onsemi
MOSFET N-CH 30V 31.4A/143A 5DFN**NVMFS4C03NWFT1G**onsemi
MOSFET N-CH 30V 31.4A/143A 5DFN**NVMFS4841NT1G**onsemi
MOSFET N-CH 30V 16A 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 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

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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