





## NVTF55C478NLTAG

Manufacturer Part Number	<b>NVTF55C478NLTAG</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NVTF55C478NLTAG
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CHANNEL 40V 26A 8WDFN
Package	8-PowerWDFN
Data sheet	<b>NVTF55C478NL.pdf</b>
RoHS Status	 ROHS3 Compliant



**Get a Quote**

NVTF55C478NLTAG - onsemi.New Original in Stock. Download Linear Technology NVTF55C478NLTAG datasheet/specifications on AllelcoElec.com.

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### Specifications





NVTF55C478NLTAG Tech Specifications

NVTF55C478NLTAG - 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	2.2V @ 20µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	400 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	8 nC @ 10 V
Supplier Device Package	8-WDFN (3.3x3.3)	FET Type	N-Channel
Series	Automotive, AEC-Q101	FET Feature	-
Rds On (Max) @ Id, Vgs	14mOhm @ 5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	20W (Tc)	Drain to Source Voltage (Vdss)	40 V
Package / Case	8-PowerWDFN	Current - Continuous Drain (Id) @ 25°C	26A (Tc)
Package	Tape & Reel (TR)	Base Product Number	NVTF55

### Parts with Similar Specifications


The three parts on the right have similar specifications to onsemi NVTF55C478NLTAG

Product Attribute	 NO PICTURE			
Part Number	NVTF55C478NLTAG	<a href="#">NVTF55C471NLTAG</a>	<a href="#">NVTF55S826NLTAG</a>	<a href="#">NVTF56H880NTAG</a>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	MOSFET (Metal Oxide)
Gate Charge (Qg) (Max) @ Vgs	8 nC @ 10 V	12 nC @ 10 V	-	6.9 nC @ 10 V
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Drain to Source Voltage (Vdss)	40 V	40 V	-	80 V
Supplier Device Package	8-WDFN (3.3x3.3)	8-WDFN (3.3x3.3)	-	8-WDFN (3.3x3.3)
Power Dissipation (Max)	20W (Tc)	30W (Tc)	-	3.1W (Ta), 31W (Tc)
Input Capacitance (Ciss) (Max) @ Vds	400 pF @ 25 V	660 pF @ 25 V	-	370 pF @ 40 V
Package / Case	8-PowerWDFN	8-PowerWDFN	-	8-PowerWDFN
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	*	Automotive, AEC-Q101
FET Feature	-	-	-	-
Current - Continuous Drain (Id) @ 25°C	26A (Tc)	41A (Tc)	-	6.3A (Ta), 21A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	-	10V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	NVTF55	NVTF55	NVTF55	NVTF56
Vgs (Max)	±20V	±20V	-	±20V
FET Type	N-Channel	N-Channel	-	N-Channel
Rds On (Max) @ Id, Vgs	14mOhm @ 5A, 10V	9mOhm @ 10A, 10V	-	32mOhm @ 5A, 10V
Vgs(th) (Max) @ Id	2.2V @ 20µA	2.2V @ 20µA	-	4V @ 20µA
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-	-55°C ~ 175°C (TJ)


### NVTF55C478NLTAG Datasheet PDF


Download NVTF55C478NLTAG pdf datasheets and onsemi documentation for NVTF55C478NLTAG - onsemi.

#### Datasheets


[NVTF55C478NL.pdf](#)








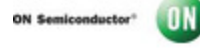


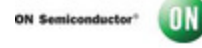

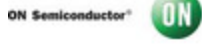
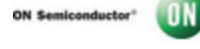
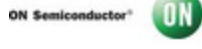

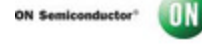
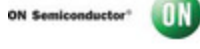
#### Environmental Information


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## Customers Also Interested in

### Recommended Products

 <b>NVTF55C471NLTAG</b> onsemi MOSFET N-CHANNEL 40V 41A 8WDFN	 <b>NVTF55826NLTAG</b> onsemi MOSFET N-CH 60V 20A 8WDFN	 <b>NVTF56H880NTAG</b> onsemi MOSFET N-CH 80V 6.3A/21A 8WDFN	 <b>NVTF55C680NLWFTAG</b> onsemi MOSFET N-CH 60V 7.82A/20A 8WDFN	 <b>NVTF55C453NLTAG</b> onsemi MOSFET N-CH 40V 107A 8WDFN	 <b>NVTF55C466NLWFTAG</b> onsemi MOSFET N-CHANNEL 40V 51A 8WDFN
 <b>NVTF55826NLWFTWG</b> onsemi MOSFET N-CH 60V 7.6A 8WDFN	 <b>NVTF55C658NLTAG</b> onsemi MOSFET N-CH 60V 109A 8WDFN	 <b>NVTF55C673NLTAG</b> onsemi MOSFET N-CH 60V 13A/50A 8WDFN	 <b>NVTF55C680NLTAG</b> onsemi MOSFET N-CH 60V 7.82A/20A 8WDFN	 <b>NVTF55820NLWFTWG</b> onsemi MOSFET N-CH 60V 11A 8WDFN	 <b>NVTF55C478NLWFTAG</b> onsemi MOSFET N-CHANNEL 40V 26A 8WDFN
 <b>NVTF55826NLWFTAG</b> onsemi MOSFET N-CH 60V 7.6A 8WDFN	 <b>NVTF55C673NLWFTAG</b> onsemi MOSFET N-CH 60V 13A/50A 8WDFN	 <b>NVTF55C670NLTAG</b> onsemi MOSFET N-CH 60V 16A/70A 8WDFN	 <b>NVTF56H850NLTAG</b> onsemi MOSFET N-CH 80V 14.8A/64A 8WDFN	 <b>NVTF56H850NTAG</b> onsemi MOSFET N-CH 80V 11A/68A 8WDFN	 <b>NVTF55826NLTWG</b> onsemi MOSFET N-CH 60V 20A 8WDFN

## 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

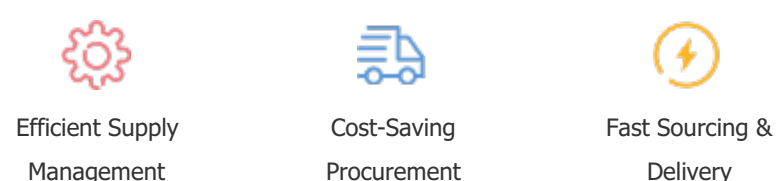
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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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