



# NVTF55C673NLTAG

Manufacturer Part Number	<b>NVTF55C673NLTAG</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NVTF55C673NLTAG
ECAD Model	PCB Footprint and Symbol
Parts Description	MOSFET N-CH 60V 13A/50A 8WDFN
Package	8-PowerWDFN
Data sheet	<b>NVTF55C673NL.pdf</b>
RoHs Status	ROHS3 Compliant



**Get a Quote**

NVTF55C673NLTAG - onsemi.New Original in Stock. Download Linear Technology NVTF55C673NLTAG datasheet/specifications on AllelcoElec.com.

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## Specifications

NVTF55C673NLTAG Tech Specifications

NVTF55C673NLTAG - 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	880 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	9.5 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	9.8mOhm @ 25A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	3.1W (Ta), 46W (Tc)	Drain to Source Voltage (Vdss)	60 V
Package / Case	8-PowerWDFN	Current - Continuous Drain (Id) @ 25°C	13A (Ta), 50A (Tc)
Package	Tape & Reel (TR)	Base Product Number	NVTF55

## Parts with Similar Specifications

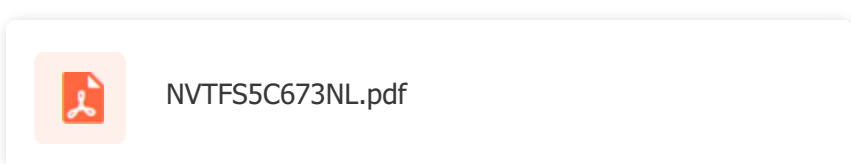
The three parts on the right have similar specifications to onsemi NVTF55C673NLTAG

Product Attribute	NO PICTURE			
Part Number	NVTF55C673NLTAG	NVTF55C471NLTAG	NVTF56H850NLTAG	NVTF55C680NLTAG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	8-WDFN (3.3x3.3)	8-WDFN (3.3x3.3)	8-WDFN (3.3x3.3)	8-WDFN (3.3x3.3)
Vgs (Max)	±20V	±20V	±20V	±20V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
FET Feature	-	-	-	-
Power Dissipation (Max)	3.1W (Ta), 46W (Tc)	30W (Tc)	3.9W (Ta), 73W (Tc)	3W (Ta), 20W (Tc)
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Drain to Source Voltage (Vdss)	60 V	40 V	80 V	60 V
Base Product Number	NVTF55	NVTF55	NVTF56	NVTF55
Rds On (Max) @ Id, Vgs	9.8mOhm @ 25A, 10V	9mOhm @ 10A, 10V	8.6mOhm @ 10A, 10V	26.5mOhm @ 10A, 10V
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
Current - Continuous Drain (Id) @ 25°C	13A (Ta), 50A (Tc)	41A (Tc)	14.8A (Ta), 64A (Tc)	7.82A (Ta), 20A (Tc)
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Gate Charge (Qg) (Max) @ Vgs	9.5 nC @ 10 V	12 nC @ 10 V	26 nC @ 10 V	6 nC @ 10 V
Package / Case	8-PowerWDFN	8-PowerWDFN	8-PowerWDFN	8-PowerWDFN
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101
Vgs(th) (Max) @ Id	2V @ 250µA	2.2V @ 20µA	2V @ 70µA	2.2V @ 250µA
Input Capacitance (Ciss) (Max) @ Vds	880 pF @ 25 V	660 pF @ 25 V	1450 pF @ 40 V	327 pF @ 25 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

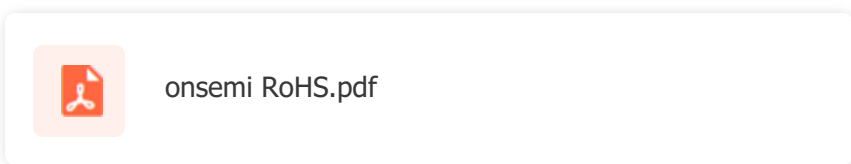
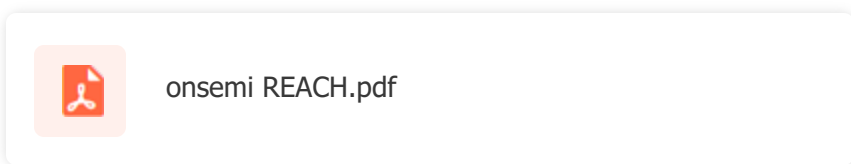
## NVTF55C673NLTAG Datasheet PDF

Download NVTF55C673NLTAG pdf datasheets and onsemi documentation for NVTF55C673NLTAG - onsemi.

### Datasheets



### Environmental Information







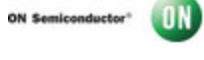
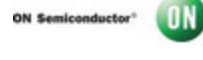
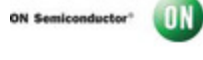
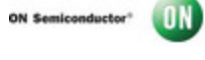
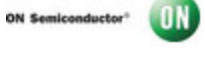

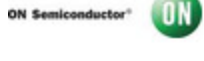







### PCN Packaging



## Customers Also Interested in

### Recommended Products

 <b>NVTF55C471NLTAG</b> onsemi MOSFET N-CHANNEL 40V 41A 8WDFN	 <b>NVTF56H850NLTAG</b> onsemi MOSFET N-CH 80V 14.8A/64A 8WDFN	 <b>NVTF55C680NLTAG</b> onsemi MOSFET N-CH 60V 7.82A/20A 8WDFN	 <b>NVTF56H888NTAG</b> onsemi MOSFET N-CH 80V 4.7A/12A 8WDFN	 <b>NVTF55C658NLTAG</b> onsemi MOSFET N-CH 60V 109A 8WDFN	 <b>NVTF55C478NLTAG</b> onsemi MOSFET N-CHANNEL 40V 26A 8WDFN
 <b>NVTF55C673NLWFTAG</b> onsemi MOSFET N-CH 60V 13A/50A 8WDFN	 <b>NVTF59D6P04M8LTAG</b> onsemi MOSFET P-CH 40V 13A/64A 8WDFN	 <b>NVTF55C453NLTAG</b> onsemi MOSFET N-CH 40V 107A 8WDFN	 <b>NVTFWS052P04M8LTAG</b> onsemi MOSFET P-CH 40V 4.7A/13.2A 8WDFN	 <b>NVTF55C680NLWFTAG</b> onsemi MOSFET N-CH 60V 7.82A/20A 8WDFN	 <b>NVTF55C466NLWFTAG</b> onsemi MOSFET N-CHANNEL 40V 51A 8WDFN
 <b>NVTF56H880NTAG</b> onsemi MOSFET N-CH 80V 6.3A/21A 8WDFN	 <b>NVTFWS015N04CTAG</b> onsemi MOSFET N-CH 40V 9.4A/27A 8WDFN	 <b>NVTF55C478NLWFTAG</b> onsemi MOSFET N-CHANNEL 40V 26A 8WDFN	 <b>NVTF55826NLWFTWG</b> onsemi MOSFET N-CH 60V 7.6A 8WDFN	 <b>NVTF56H850NTAG</b> onsemi MOSFET N-CH 80V 11A/68A 8WDFN	 <b>NVTF55C670NLTAG</b> onsemi MOSFET N-CH 60V 16A/70A 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 -

 Efficient Supply Management  
 Cost-Saving Procurement  
 Fast Sourcing & Delivery

Contact us if you have any questions.

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### Certifications & Memberships



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