



NVTFS6H850NTAG

Manufacturer Part Number	NVTFS6H850NTAG
Manufacturer	onsemi
Allelco Part Number	32D-NVTFS6H850NTAG
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 80V 11A/68A 8WDFN
Package	8-PowerWDFN
Data sheet	NVTFS6H850N.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

NVTFS6H850NTAG - onsemi.New Original in Stock. Download Linear Technology NVTFS6H850NTAG datasheet/specifications on AllelcoElec.com.

Request a quote for NVTFS6H850NTAG, please send us email: info@allelco.com

Specifications

NVTFS6H850NTAG Tech Specifications

NVTFS6H850NTAG - 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	4V @ 70µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	1140 pF @ 40 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	19 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	9.5mOhm @ 10A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	3.2W (Ta), 107W (Tc)	Drain to Source Voltage (Vdss)	80 V
Package / Case	8-PowerWDFN	Current - Continuous Drain (Id) @ 25°C	11A (Ta), 68A (Tc)
Package	Tape & Reel (TR)	Base Product Number	NVTFS6

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NVTFS6H850NTAG

Product Attribute	NO PICTURE			
Part Number	NVTFS6H850NTAG	NVTFS6H888NTAG	NVTFS5C680NLWFTAG	NVTFS5C673NLTAG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Power Dissipation (Max)	3.2W (Ta), 107W (Tc)	2.9W (Ta), 18W (Tc)	3W (Ta), 20W (Tc)	3.1W (Ta), 46W (Tc)
Gate Charge (Qg) (Max) @ Vgs	19 nC @ 10 V	4.7 nC @ 10 V	6 nC @ 10 V	9.5 nC @ 10 V
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101
Vgs(th) (Max) @ Id	4V @ 70µA	4V @ 15µA	2.2V @ 250µA	2V @ 250µA
Vgs (Max)	±20V	±20V	±20V	±20V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Supplier Device Package	8-WDFN (3.3x3.3)	8-WDFN (3.3x3.3)	8-WDFN (3.3x3.3)	8-WDFN (3.3x3.3)
Base Product Number	NVTFS6	NVTFS6	NVTFS5	NVTFS5
Input Capacitance (Ciss) (Max) @ Vds	1140 pF @ 40 V	220 pF @ 40 V	327 pF @ 25 V	880 pF @ 25 V
FET Feature	-	-	-	-
Package / Case	8-PowerWDFN	8-PowerWDFN	8-PowerWDFN	8-PowerWDFN
Drain to Source Voltage (Vdss)	80 V	80 V	60 V	60 V
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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)	10V	10V	4.5V, 10V	4.5V, 10V
Current - Continuous Drain (Id) @ 25°C	11A (Ta), 68A (Tc)	4.7A (Ta), 12A (Tc)	7.82A (Ta), 20A (Tc)	13A (Ta), 50A (Tc)
Rds On (Max) @ Id, Vgs	9.5mOhm @ 10A, 10V	55mOhm @ 5A, 10V	26.5mOhm @ 10A, 10V	9.8mOhm @ 25A, 10V

NVTFS6H850NTAG Datasheet PDF

Download NVTFS6H850NTAG pdf datasheets and onsemi documentation for NVTFS6H850NTAG - onsemi.

Datasheets

[NVTFS6H850N.pdf](#)








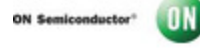




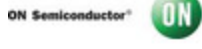

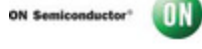
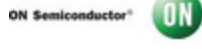
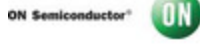
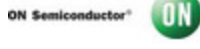
Environmental Information

[onsemi REACH.pdf](#)

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Customers Also Interested in

Recommended Products

 <p>NVTF56H888NTAG onsemi MOSFET N-CH 80V 4.7A/12A 8WDFN</p>	 <p>NVTF55C680NLWFTAG onsemi MOSFET N-CH 60V 7.82A/20A 8WDFN</p>	 <p>NVTF55C673NLTAG onsemi MOSFET N-CH 60V 13A/50A 8WDFN</p>	 <p>NVTF55C471NLTAG onsemi MOSFET N-CHANNEL 40V 41A 8WDFN</p>	 <p>NVTF55C478NLWFTAG onsemi MOSFET N-CHANNEL 40V 26A 8WDFN</p>	 <p>NVTF55C673NLWFTAG onsemi MOSFET N-CH 60V 13A/50A 8WDFN</p>
 <p>NVTF59D6P04M8LTAG onsemi MOSFET P-CH 40V 13A/64A 8WDFN</p>	 <p>NVTFWS015N04CTAG onsemi MOSFET N-CH 40V 9.4A/27A 8WDFN</p>	 <p>NVTR01P02LT1G onsemi MOSFET P-CH 20V 1.3A SOT23-3</p>	 <p>NVTFWS9D6P04M8LTAG onsemi MOSFET P-CH 40V 13A/64A 8WDFN</p>	 <p>NVTF55C658NLTAG onsemi MOSFET N-CH 60V 109A 8WDFN</p>	 <p>NVTFWS052P04M8LTAG onsemi MOSFET P-CH 40V 4.7A/13.2A 8WDFN</p>
 <p>NVTF55C680NLTAG onsemi MOSFET N-CH 60V 7.82A/20A 8WDFN</p>	 <p>NVTJD4001NT1G onsemi MOSFET 2N-CH 30V 0.25A SC-88</p>	 <p>NVTF56H880NTAG onsemi MOSFET N-CH 80V 6.3A/21A 8WDFN</p>	 <p>NVTF55C670NLTAG onsemi MOSFET N-CH 60V 16A/70A 8WDFN</p>	 <p>NVTF56H850NLTAG onsemi MOSFET N-CH 80V 14.8A/64A 8WDFN</p>	 <p>NVTF55C478NLTAG onsemi MOSFET N-CHANNEL 40V 26A 8WDFN</p>

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.

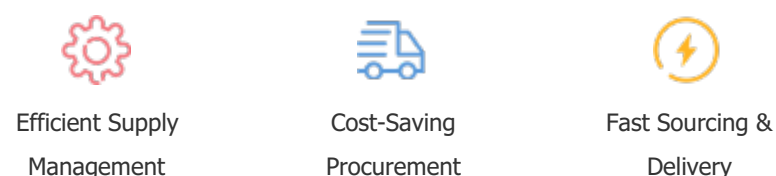
Payment Support

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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