



Image may be representation.
See specifications for product details.



NVJS4151PT1G

Manufacturer Part Number	NVJS4151PT1G
Manufacturer	onsemi
Allelco Part Number	32D-NVJS4151PT1G
ECAD Model	Request Free CAD Models
Parts Description	MOSFET P-CH 20V 3.2A SC88
Package	6-TSSOP, SC-88, SOT-363
Data sheet	NVJS4151P.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NVJS4151PT1G - onsemi.New Original in Stock. Download Linear Technology NVJS4151PT1G datasheet/specifications on AllelcoElec.com.
Request a quote for NVJS4151PT1G, please send us email: info@allelco.com

Specifications

NVJS4151PT1G Tech Specifications

NVJS4151PT1G - 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	1.2V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±12V	Input Capacitance (Ciss) (Max) @ Vds	850 pF @ 10 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	10 nC @ 4.5 V
Supplier Device Package	SC-88/SC70-6/SOT-363	FET Type	P-Channel
Series	Automotive, AEC-Q101	FET Feature	-
Rds On (Max) @ Id, Vgs	67mOhm @ 2.9A, 4.5V	Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V
Power Dissipation (Max)	1.2W (Ta)	Drain to Source Voltage (Vdss)	20 V
Package / Case	6-TSSOP, SC-88, SOT-363	Current - Continuous Drain (Id) @ 25°C	3.2A (Ta)
Package	Tape & Reel (TR)	Base Product Number	NVJS4151

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NVJS4151PT1G

Product Attribute				
Part Number	NVJS4151PT1G	2N7002W-7	AUIRF7665S2TR	R6025JNXC7G
Manufacturer	onsemi	Diodes Incorporated	International Rectifier	Rohm Semiconductor
Vgs(th) (Max) @ Id	1.2V @ 250µA	2V @ 250µA	5V @ 25µA	7V @ 4.5mA
Package / Case	6-TSSOP, SC-88, SOT-363	SC-70, SOT-323	DirectFET™ Isometric SB	TO-220-3 Full Pack
Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V	5V, 10V	10V	15V
Drain to Source Voltage (Vdss)	20 V	60 V	100 V	600 V
FET Type	P-Channel	N-Channel	N-Channel	N-Channel
Supplier Device Package	SC-88/SC70-6/SOT-363	SOT-323	DIRECTFET SB	TO-220FM
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Current - Continuous Drain (Id) @ 25°C	3.2A (Ta)	115mA (Ta)	4.1A (Ta), 14.4A (Tc)	25A (Tc)
Input Capacitance (Ciss) (Max) @ Vds	850 pF @ 10 V	50 pF @ 25 V	515 pF @ 25 V	1900 pF @ 100 V
Base Product Number	NVJS4151	2N7002	AUIRF7665	R6025
Power Dissipation (Max)	1.2W (Ta)	200mW (Ta)	2.4W (Ta), 30W (Tc)	85W (Tc)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tube
FET Feature	-	-	-	-
Vgs (Max)	±12V	±20V	±20V	±30V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 150°C (TJ)
Rds On (Max) @ Id, Vgs	67mOhm @ 2.9A, 4.5V	7.5Ohm @ 50mA, 5V	62mOhm @ 8.9A, 10V	182mOhm @ 12.5A, 15V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Series	Automotive, AEC-Q101	-	HEXFET®	-
Gate Charge (Qg) (Max) @ Vgs	10 nC @ 4.5 V	-	13 nC @ 10 V	57 nC @ 15 V

NVJS4151PT1G Datasheet PDF

Download NVJS4151PT1G pdf datasheets and onsemi documentation for NVJS4151PT1G - onsemi.

Datasheets

[NVJS4151P.pdf](#)



















Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

Customers Also Interested in

Recommended Products

					
2N7002W-7 Diodes Incorporated MOSFET N-CH 60V 115MA SOT-323	NVJD5121NT1G onsemi MOSFET 2N-CH 60V 0.295A SC88	NVJD4152PT1G onsemi NVJD4152 - Dual P-Channel Trench	AUIRF7665S2TR International Rectifier AUTOMOTIVE DIRECTFET N CHANNEL	R6025JNXC7G Rohm Semiconductor MOSFET N-CH 600V 25A TO220FM	RQ3E100BNTB Rohm Semiconductor MOSFET N-CH 30V 10A 8HSMT
					
NVMFS5113PLT1G onsemi MOSFET P-CH 60V 10A/64A SDFN	NTB35N15T4 onsemi MOSFET N-CH 150V 37A D2PAK	STP40NF03L STMicroelectronics MOSFET N-CH 30V 40A TO220AB	HUFA75344S3ST onsemi MOSFET N-CH 55V 75A D2PAK	FDC642P-F085P onsemi MOSFET P-CH 20V 4A TSOT23-6	DMP57D5UFB-7 Diodes Incorporated MOSFET P-CH 50V 200MA 3DFN
					
NVJD4401NT1G onsemi MOSFET 2N-CH 20V 0.63A SC88	DMN3007LSS-13 Diodes Incorporated MOSFET N-CH 30V 16A 8SOP	STD1HNC60T4 STMicroelectronics MOSFET N-CH 600V 2A DPAK	SUD50P06-15-BE3 Vishay Siliconix MOSFET P-CH 60V 50A DPAK	STF18NM60N STMicroelectronics MOSFET N-CH 600V 13A TO220FP	NTH4L040N120SC1 onsemi SICFET N-CH 1200V 58A TO247-4

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.

-  Phone
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Certifications & Memberships



View More

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