

Image may be representation.
See specifications for product details.



NVC6S5A354PLZT1G

Manufacturer Part Number	NVC6S5A354PLZT1G
Manufacturer	onsemi
Allelco Part Number	32D-NVC6S5A354PLZT1G
ECAD Model	Request Free CAD Models
Parts Description	MOSFET P-CH 60V 4A 6CPH
Package	SOT-23-6 Thin, TSOT-23-6
Data sheet	NVC6S5A354PLZ.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NVC6S5A354PLZT1G - onsemi.New Original in Stock. Download Linear Technology NVC6S5A354PLZT1G datasheet/specifications on AllelcoElec.com.
Request a quote for NVC6S5A354PLZT1G, please send us email: info@allelco.com

Specifications

NVC6S5A354PLZT1G Tech Specifications
NVC6S5A354PLZT1G - 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	2.6V @ 1mA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	600 pF @ 20 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	14 nC @ 10 V
Supplier Device Package	6-CPH	FET Type	P-Channel
Series	Automotive, AEC-Q101	FET Feature	-
Rds On (Max) @ Id, Vgs	100mOhm @ 2A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Power Dissipation (Max)	1.9W (Ta)	Drain to Source Voltage (Vdss)	60 V
Package / Case	SOT-23-6 Thin, TSOT-23-6	Current - Continuous Drain (Id) @ 25°C	4A (Ta)
Package	Tape & Reel (TR)	Base Product Number	NVC6S5

Parts with Similar Specifications

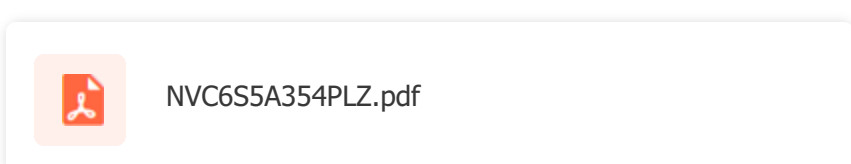
The three parts on the right have similar specifications to onsemi NVC6S5A354PLZT1G

Product Attribute				
Part Number	NVC6S5A354PLZT1G	RCD100N20TL	STB80NE03L-06T4	CPH6347-TL-H
Manufacturer	onsemi	Rohm Semiconductor	STMicroelectronics	onsemi
Operating Temperature	-55°C ~ 175°C (TJ)	150°C (TJ)	-55°C ~ 175°C (TJ)	150°C (TJ)
Series	Automotive, AEC-Q101	-	STripFET™	-
Vgs (Max)	±20V	±30V	±20V	±12V
Gate Charge (Qg) (Max) @ Vgs	14 nC @ 10 V	25 nC @ 10 V	130 nC @ 5 V	10.5 nC @ 4.5 V
Vgs(th) (Max) @ Id	2.6V @ 1mA	5.25V @ 1mA	2.5V @ 250µA	-
Current - Continuous Drain (Id) @ 25°C	4A (Ta)	10A (Tc)	80A (Tc)	6A (Ta)
Input Capacitance (Ciss) (Max) @ Vds	600 pF @ 20 V	1400 pF @ 25 V	6500 pF @ 25 V	860 pF @ 10 V
Drive Voltage (Max Rds On, Min Rds On)	4V, 10V	10V	4.5V, 10V	1.8V, 4.5V
Package / Case	SOT-23-6 Thin, TSOT-23-6	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB	SOT-23-6
Supplier Device Package	6-CPH	CPT3	D2PAK	6-CPH
Drain to Source Voltage (Vdss)	60 V	200 V	30 V	20 V
FET Type	P-Channel	N-Channel	N-Channel	P-Channel
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Rds On (Max) @ Id, Vgs	100mOhm @ 2A, 10V	182mOhm @ 5A, 10V	6mOhm @ 40A, 10V	39mOhm @ 3A, 4.5V
Base Product Number	NVC6S5	RCD100	STB80N	CPH634
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power Dissipation (Max)	1.9W (Ta)	850mW (Ta), 20W (Tc)	150W (Tc)	1.6W (Ta)
FET Feature	-	-	-	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)

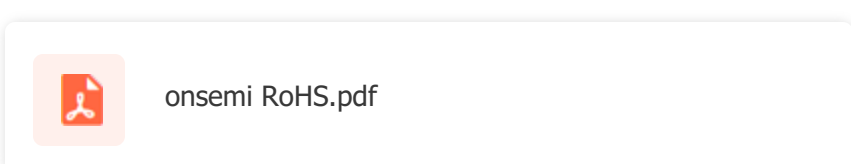
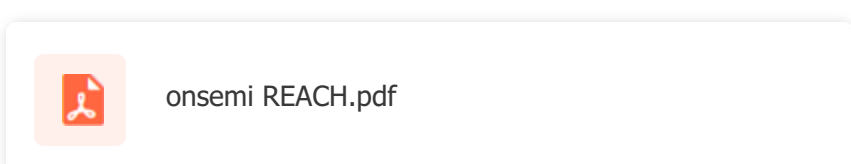
NVC6S5A354PLZT1G Datasheet PDF

Download NVC6S5A354PLZT1G pdf datasheets and onsemi documentation for NVC6S5A354PLZT1G - onsemi.

Datasheets



Environmental Information



PCN Design/Specification

Customers Also Interested in

Recommended Products

NVC1001 NEXTCHIP	RCD100N20TL Rohm Semiconductor MOSFET N-CH 200V 10A CPT3	STB80NE03L-06T4 STMicroelectronics MOSFET N-CH 30V 80A D2PAK	CPH6347-TL-H onsemi MOSFET P-CH 20V 6A 6CPH	FDFS2P102A onsemi MOSFET P-CH 20V 3.3A 8SOIC	NVC1600D NEXTCHIP
IRFR9110TF Fairchild Semiconductor 100V P-CHANNEL MOSFET	NVC1300 NEXTCHIP	STF14N80K5 STMicroelectronics MOSFET N-CH 800V 12A TO220FP	MCH6341-TL-W onsemi MOSFET P-CH 30V 5A 6MCPH	NTMFS4C022NT1G onsemi MOSFET N-CH 30V 30A/136A 5DFN	NVC1301 NEXTCHIP
NVC1000 N/A	SI4401DY-T1-E3 Vishay Siliconix MOSFET P-CH 40V 8.7A 8SO	FQPF2N80YDTU onsemi MOSFET N-CH 800V 1.5A TO220F-3	FQPF5N60 onsemi MOSFET N-CH 600V 2.8A TO220F	FQB22P10TM onsemi MOSFET P-CH 100V 22A D2PAK	AOB2918L Alpha & Omega Semiconductor Inc. MOSFET N-CH 100V 13A/90A TO263

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.



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Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



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