



Image may be representation.
See specifications for product details.



SVD5865NLT4G

Manufacturer Part Number	SVD5865NLT4G
Manufacturer	onsemi
Allelco Part Number	32D-SVD5865NLT4G
ECAD Model	PCB Footprint and Symbol
Parts Description	MOSFET N-CH 60V 10A/46A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	SVD5865NLT4G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SVD5865NLT4G - onsemi.New Original in Stock. Download Linear Technology SVD5865NLT4G datasheet/specifications on AllelcoElec.com.
Request a quote for SVD5865NLT4G, please send us email: info@allelco.com

Specifications

SVD5865NLT4G Tech Specifications

SVD5865NLT4G - 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	1400 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	29 nC @ 10 V
Supplier Device Package	DPAK-3	FET Type	N-Channel
Series	Automotive, AEC-Q101	FET Feature	-
Rds On (Max) @ Id, Vgs	16mOhm @ 19A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	3.1W (Ta), 71W (Tc)	Drain to Source Voltage (Vdss)	60 V
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	10A (Ta), 46A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SVD5865

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SVD5865NLT4G

Product Attribute				
Part Number	SVD5865NLT4G	SVD5867NLT4G	SVD50N06T MOS	SVD5804NT4G
Manufacturer	onsemi	onsemi	SILAN	AMI Semiconductor/onsemi
Input Capacitance (Ciss) (Max) @ Vds	1400 pF @ 25 V	675 pF @ 25 V	-	-
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	-	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	-	-
Rds On (Max) @ Id, Vgs	16mOhm @ 19A, 10V	39mOhm @ 11A, 10V	-	-
FET Feature	-	-	-	-
Drain to Source Voltage (Vdss)	60 V	60 V	-	-
Supplier Device Package	DPAK-3	DPAK-3	-	-
Gate Charge (Qg) (Max) @ Vgs	29 nC @ 10 V	15 nC @ 10 V	-	-
Power Dissipation (Max)	3.1W (Ta), 71W (Tc)	3.3W (Ta), 43W (Tc)	-	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	-	-
Current - Continuous Drain (Id) @ 25°C	10A (Ta), 46A (Tc)	22A (Tc)	-	-
Vgs(th) (Max) @ Id	2V @ 250µA	2.5V @ 250µA	-	-
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-	-
FET Type	N-Channel	N-Channel	-	-
Mounting Type	Surface Mount	Surface Mount	-	-
Base Product Number	SVD5865	SVD5867	-	-
Series	Automotive, AEC-Q101	-	-	-
Vgs (Max)	±20V	±20V	-	-

SVD5865NLT4G Datasheet PDF

Download SVD5865NLT4G pdf datasheets and onsemi documentation for SVD5865NLT4G - onsemi.

Environmental Information

onsemi REACH.pdf

onsemi RoHS.pdf

Customers Also Interested in

Recommended Products

SVD50N06T MOS SILAN	SVD5804NT4G AMI Semiconductor/onsemi	SVD75N08T	SVD703WKB AUK	SVD5867NLT4G onsemi MOSFET N-CH 60V 22A DPAK-3	SVD540T Silan
SVD4N65F	SVD7N60F SILAN	SVD830F	SVD7N65AF	SVD7N80T SILAN	SVD4N60F
SVD50N06MJ VBsemi	SVD4N60D SILAN	SVD50N06T SILAN	SVD830 SILAN	SVD4N60DTR	SVD5N60F SILAN

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
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



[View More](#)