

Image may be representation.
See specifications for product details.



FCP067N65S3

Manufacturer Part Number	FCP067N65S3
Manufacturer	onsemi
Allelco Part Number	32D-FCP067N65S3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET N-CH 650V 44A TO220
Package	TO-220-3
Data sheet	FCP067N65S3 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

FCP067N65S3 - onsemi.New Original in Stock. Download Linear Technology FCP067N65S3 datasheet/specifications on AllelcoElec.com.
Request a quote for FCP067N65S3, please send us email: info@allelco.com

Specifications

FCP067N65S3 Tech Specifications
FCP067N65S3 - 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	4.5V @ 4.4mA	Mounting Type	Through Hole
Vgs (Max)	±30V	Input Capacitance (Ciss) (Max) @ Vds	3090 pF @ 400 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	78 nC @ 10 V
Supplier Device Package	TO-220	FET Type	N-Channel
Series	SuperFET® III	FET Feature	-
Rds On (Max) @ Id, Vgs	67mOhm @ 22A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	312W (Tc)	Drain to Source Voltage (Vdss)	650 V
Package / Case	TO-220-3	Current - Continuous Drain (Id) @ 25°C	44A (Tc)
Package	Tube	Base Product Number	FCP067

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi FCP067N65S3

Product Attribute				
Part Number	FCP067N65S3	FCP125N60E	FCP11N60	FCP11N60
Manufacturer	onsemi	onsemi	Fairchild Semiconductor	onsemi
Package	Tube	Tube	Bulk	Tube
Power Dissipation (Max)	312W (Tc)	278W (Tc)	125W (Tc)	125W (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
Supplier Device Package	TO-220	TO-220-3	TO-220-3	TO-220-3
Vgs(th) (Max) @ Id	4.5V @ 4.4mA	3.5V @ 250µA	5V @ 250µA	5V @ 250µA
Base Product Number	FCP067	FCP125	-	FCP11
Vgs (Max)	±30V	±20V	±30V	±30V
Input Capacitance (Ciss) (Max) @ Vds	3090 pF @ 400 V	2990 pF @ 380 V	1490 pF @ 25 V	1490 pF @ 25 V
FET Feature	-	-	-	-
Drain to Source Voltage (Vdss)	650 V	600 V	600 V	600 V
Rds On (Max) @ Id, Vgs	67mOhm @ 22A, 10V	125mOhm @ 14.5A, 10V	380mOhm @ 5.5A, 10V	380mOhm @ 5.5A, 10V
Gate Charge (Qg) (Max) @ Vgs	78 nC @ 10 V	95 nC @ 10 V	52 nC @ 10 V	52 nC @ 10 V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Series	SuperFET® III	SuperFET® II	SuperFET™	SuperFET™
Current - Continuous Drain (Id) @ 25°C	44A (Tc)	29A (Tc)	11A (Tc)	11A (Tc)
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole

FCP067N65S3 Datasheet PDF

Download FCP067N65S3 pdf datasheets and onsemi documentation for FCP067N65S3 - onsemi.

Datasheets

[FCP067N65S3 Datasheet.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Packaging

Mult Devices 24/Oct/2017.pdf

PCN Design/Specification

SuperFet Datasheet Chg 30/Jul/2019.pdf



















FCB0 19/Jul/2016.pdf

PCN Assembly/Origin

Assembly Change 09/May/2023.pdf

Customers Also Interested in

Recommended Products

 FCP125N60E onsemi MOSFET N-CH 600V 29A TO220-3	 FCP11N60 Fairchild Semiconductor POWER FIELD-EFFECT TRANSISTOR, 1	 FCP11N60 onsemi MOSFET N-CH 600V 11A TO220-3	 FCP11N60F MOS Fairchild (onsemi)	 FCP11N60 MOS Fairchild (onsemi)	 FCP11N60N Fairchild Semiconductor POWER FIELD-EFFECT TRANSISTOR, 1
 FCP1206H103J-H2 Cornell Dubilier Electronics (CDE) CAP FILM 10000PF 5% 50VDC 1206	 FCP11N60F onsemi MOSFET N-CH 600V 11A TO220-3	 FCP110N65F onsemi MOSFET N-CH 650V 35A TO220-3	 FCP104N60 Fairchild Semiconductor POWER FIELD-EFFECT TRANSISTOR, 3	 FCP099N65S3 onsemi MOSFET N-CH 650V 30A TO220-3	 FCP104N60 onsemi MOSFET N-CH 600V 37A TO220-3
 FCP125N60E Fairchild Semiconductor POWER FIELD-EFFECT TRANSISTOR, N	 FCP099N60E Fairchild Semiconductor MOSFET N-CH 600V 37A TO220-3	 FCP104N60F onsemi MOSFET N-CH 600V 37A TO220-3	 FCP099N60E onsemi MOSFET N-CH 600V 37A TO220-3	 FCP11N60N MOS Fairchild (onsemi)	 FCP11N60N onsemi MOSFET N-CH 600V 10.8A TO220-3

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



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