

Image may be representation.
See specifications for product details.



FDG6332C

Manufacturer Part Number	FDG6332C
Manufacturer	onsemi
Allelco Part Number	32D-FDG6332C
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N/P-CH 20V SC70-6
Package	6-TSSOP, SC-88, SOT-363
Data sheet	FDG6332C.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

FDG6332C - onsemi.New Original in Stock. Download Linear Technology FDG6332C datasheet/specifications on AllelcoElec.com.
Request a quote for FDG6332C, please send us email: info@allelco.com

Specifications

FDG6332C Tech Specifications
FDG6332C - 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	1.5V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	113pF @ 10V
Supplier Device Package	SC-88 (SC-70-6)	Gate Charge (Qg) (Max) @ Vgs	1.5nC @ 4.5V
Series	PowerTrench®	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	300mOhm @ 700mA, 4.5V	Drain to Source Voltage (Vdss)	20V
Power - Max	300mW	Current - Continuous Drain (Id) @ 25°C	700mA, 600mA
Package / Case	6-TSSOP, SC-88, SOT-363	Configuration	N and P-Channel
Package	Tape & Reel (TR)	Base Product Number	FDG6332

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi FDG6332C

Product Attribute				
Part Number	FDG6332C	FDG6332C-PG	FDG6332C-F085	FDG8842CZ
Manufacturer	onsemi	onsemi	onsemi	onsemi
Drain to Source Voltage (Vdss)	20V	20V	20V	30V, 25V
Configuration	N and P-Channel	-	N and P-Channel	N and P-Channel
Supplier Device Package	SC-88 (SC-70-6)	SC-88/SC70-6/SOT-363	SC-88 (SC-70-6)	SC-88 (SC-70-6)
Power - Max	300mW	300mW (Ta)	300mW	300mW
Base Product Number	FDG6332	-	FDG6332	FDG8842
Series	PowerTrench®	-	Automotive, AEC-Q101, PowerTrench®	PowerTrench®
Technology	MOSFET (Metal Oxide)	-	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Package	Tape & Reel (TR)	-	Tape & Reel (TR)	Tape & Reel (TR)
Vgs(th) (Max) @ Id	1.5V @ 250µA	1.5V @ 250µA	1.5V @ 250µA	1.5V @ 250µA
FET Feature	Logic Level Gate	Standard	Logic Level Gate	Logic Level Gate
Package / Case	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363
Gate Charge (Qg) (Max) @ Vgs	1.5nC @ 4.5V	1.5nC @ 4.5V, 2nC @ 4.5V	1.5nC @ 4.5V	1.44nC @ 4.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Continuous Drain (Id) @ 25°C	700mA, 600mA	700mA (Ta), 600mA (Ta)	700mA, 600mA	750mA, 410mA
Input Capacitance (Ciss) (Max) @ Vds	113pF @ 10V	113pF @ 10V, 114pF @ 10V	113pF @ 10V	120pF @ 10V
Rds On (Max) @ Id, Vgs	300mOhm @ 700mA, 4.5V	300mOhm @ 700mA, 4.5V, 420mOhm @ 600mA, 4.5V	300mOhm @ 700mA, 4.5V	400mOhm @ 750mA, 4.5V

FDG6332C Datasheet PDF

Download FDG6332C pdf datasheets and onsemi documentation for FDG6332C - onsemi.

Datasheets

[FDG6332C.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Packaging

[Mult Devices 24/Oct/2017.pdf](#)

[Binary Year Code Marking 15/Jan/2014.pdf](#)

PCN Design/Specification

[\[Link\]](#)



















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PCN Assembly/Origin

Mult Dev 15/Mar/2023.pdf

Customers Also Interested in

Recommended Products

 FDG6324L onsemi IC PWR SWITCH P-CHAN 1:1 SC88	 FDG6323 FAIRCHILD NO PICTURE	 FDG6332C-PG onsemi MOSFET N P-CH 20V SC70-6	 FDG6342L onsemi IC PWR SWITCH P-CHAN 1:1 SC88	 FDG6322P Fairchild (onsemi)	 FDG6331L onsemi IC PWR SWITCH P-CHAN 1:1 SC88
 FDG6322C-NL Fairchild (onsemi)	 FDG6332C-NL Fairchild (onsemi)	 FDG6332C-F085 onsemi MOSFET N/P-CH 20V SC70-6	 FDG6324L Fairchild Semiconductor BUFFER/INVERTER BASED PERIPHERAL	 FDG6323L-NL Fairchild (onsemi)	 FDG8842CZ onsemi MOSFET N/P-CH 30V/25V SC70-6
 FDG6335N MOS Fairchild (onsemi)	 FDG6332C MOS AMI Semiconductor/onsemi	 FDG6335N onsemi MOSFET 2N-CH 20V 0.7A SOT-363	 FDG6322C MOS AMI Semiconductor/onsemi	 FDG6323L onsemi IC PWR SWITCH P-CHAN 1:1 SC88	 FDG6332C_NL AMI Semiconductor/onsemi

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
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Contact us if you have any questions.

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Certifications & Memberships



View More

Contact us

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