



FDMS3669S

Manufacturer Part Number	FDMS3669S
Manufacturer	onsemi
Allelco Part Number	32D-FDMS3669S
ECAD Model	Request Free CAD Models
Parts Description	MOSFET 2N-CH 30V 13A/18A POWER56
Package	8-PowerTDFN
Data sheet	FDMS3669S.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

FDMS3669S - onsemi.New Original in Stock. Download Linear Technology FDMS3669S datasheet/specifications on AllelcoElec.com.
Request a quote for FDMS3669S, please send us email: info@allelco.com

Specifications

FDMS3669S Tech Specifications
FDMS3669S - 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	2.7V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	1605pF @ 15V
Supplier Device Package	Power56	Gate Charge (Qg) (Max) @ Vgs	24nC @ 10V
Series	PowerTrench®	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	10mOhm @ 13A, 10V	Drain to Source Voltage (Vdss)	30V
Power - Max	1W	Current - Continuous Drain (Id) @ 25°C	13A, 18A
Package / Case	8-PowerTDFN	Configuration	2 N-Channel (Dual) Asymmetrical
Package	Tape & Reel (TR)	Base Product Number	FDMS3669

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi FDMS3669S

Product Attribute	NO PICTURE			
Part Number	FDMS3669S	FDMS3669S	FDMS3668S	FDMS3664S
Manufacturer	onsemi	Fairchild Semiconductor	Fairchild Semiconductor	onsemi
Supplier Device Package	Power56	8-PQFN (5x6)	8-PQFN (5x6)	Power56
Series	PowerTrench®	PowerTrench®	PowerTrench®	PowerTrench®
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Base Product Number	FDMS3669	FDMS3669	FDMS3668	FDMS3664
FET Feature	Logic Level Gate	Logic Level Gate	Logic Level Gate	Logic Level Gate
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Power - Max	1W	1W (Ta), 2.2W (Tc), 1W (Ta), 2.5W (Tc)	1W	1W
Package	Tape & Reel (TR)	Bulk	Bulk	Tape & Reel (TR)
Drain to Source Voltage (Vdss)	30V	30V	30V	30V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Rds On (Max) @ Id, Vgs	10mOhm @ 13A, 10V	10mOhm @ 13A, 10V, 5mOhm @ 18A, 10V	8mOhm @ 13A, 10V	8mOhm @ 13A, 10V
Package / Case	8-PowerTDFN	8-PowerTDFN	8-PowerTDFN	8-PowerTDFN
Input Capacitance (Ciss) (Max) @ Vds	1605pF @ 15V	1605pF @ 15V, 2060pF @ 15V	1765pF @ 15V	1765pF @ 15V
Current - Continuous Drain (Id) @ 25°C	13A, 18A	13A (Ta), 24A (Tc), 18A (Ta), 60A (Tc)	13A, 18A	13A, 25A
Gate Charge (Qg) (Max) @ Vgs	24nC @ 10V	24nC @ 10V, 34nC @ 10V	29nC @ 10V	29nC @ 10V
Vgs(th) (Max) @ Id	2.7V @ 250µA	2.7V @ 250µA, 2.5V @ 1mA	2.7V @ 250µA	2.7V @ 250µA
Configuration	2 N-Channel (Dual) Asymmetrical	2 N-Channel (Dual) Asymmetrical	2 N-Channel (Dual) Asymmetrical	2 N-Channel (Dual) Asymmetrical

FDMS3669S Datasheet PDF

Download FDMS3669S pdf datasheets and onsemi documentation for FDMS3669S - onsemi.

Datasheets

[FDMS3669S.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification







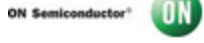
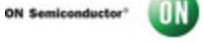






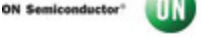



[Logo 17/Aug/2017.pdf](#)

PCN Packaging

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 <p>FDMS5352 Fairchild Semiconductor POWER FIELD-EFFECT TRANSISTOR, 1</p>	 <p>FDMS5352 onsemi MOSFET N-CH 60V 13.6A/49A 8PQFN</p>	 <p>FDMS4435BZ onsemi MOSFET P-CH 30V 9A/18A 8PQFN</p>	 <p>FDMS4435BZ Fairchild Semiconductor POWER FIELD-EFFECT TRANSISTOR, 9</p>	 <p>FDMS3669S Fairchild Semiconductor SMALL SIGNAL FIELD-EFFECT TRANSI</p>	 <p>FDMS3664S MOS Fairchild (onsemi)</p>
 <p>FDMS4D0N12C onsemi MOSFET N-CH 120V 18.5A/114A 8QFN</p>	 <p>FDMS4D5N08LC onsemi MOSFET N-CH 80V 17A/116A 8PQFN</p>	 <p>FDMS3668S Fairchild Semiconductor SMALL SIGNAL FIELD-EFFECT TRANSI</p>	 <p>FDMS3668S MOS Fairchild (onsemi)</p>	 <p>FDMS3664S onsemi MOSFET 2N-CH 30V 13A/25A POWER56</p>	 <p>FDMS3662 Fairchild Semiconductor POWER FIELD-EFFECT TRANSISTOR, 8</p>
 <p>FDMS3662 MOS Fairchild (onsemi)</p>	 <p>FDMS3664S Fairchild Semiconductor SMALL SIGNAL FIELD-EFFECT TRANSI</p>	 <p>FDMS4D4N08C onsemi MOSFET N-CH 80V 123A 8PQFN</p>	 <p>FDMS3672 onsemi MOSFET N-CH 100V 7.4A/22A 8MLP</p>	 <p>FDMS3668S onsemi MOSFET 2N-CH 30V 13A/18A POWER56</p>	 <p>FDMS3672 Fairchild Semiconductor FDMS3672 - N-CHANNEL ULTRAFET TR</p>

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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Contact us if you have any questions.

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Certifications & Memberships



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