



EFC4615R-TR

Manufacturer Part Number	EFC4615R-TR
Manufacturer	onsemi
Allelco Part Number	32D-EFC4615R-TR
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 24V 6A EFCP
Package	4-XFBGA, FCBGA
Data sheet	EFC4615R.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

EFC4615R-TR - onsemi.New Original in Stock. Download Linear Technology EFC4615R-TR datasheet/specifications on AllelcoElec.com.
Request a quote for EFC4615R-TR, please send us email: info@allelco.com

Specifications

EFC4615R-TR Tech Specifications
EFC4615R-TR - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	150°C (TJ)
Vgs(th) (Max) @ Id	1.3V @ 1mA	Mounting Type	Surface Mount
Vgs (Max)	±12V	Gate Charge (Qg) (Max) @ Vgs	8.8 nC @ 4.5 V
Technology	MOSFET (Metal Oxide)	FET Type	N-Channel
Supplier Device Package	EFCP1515-4CC-037	FET Feature	-
Series	-	Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Rds On (Max) @ Id, Vgs	31mOhm @ 3A, 4.5V	Drain to Source Voltage (Vdss)	24 V
Power Dissipation (Max)	1.6W (Ta)	Current - Continuous Drain (Id) @ 25°C	6A (Ta)
Package / Case	4-XFBGA, FCBGA	Base Product Number	EFC4615
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi EFC4615R-TR

Product Attribute	NO PICTURE			
Part Number	EFC4615R-TR	EFC4612R-TR	EFC4611-TR	EFC4301-TR
Manufacturer	onsemi	onsemi	onsemi	AMI Semiconductor/onsemi
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	-
Series	-	-	*	-
FET Type	N-Channel	N-Channel	-	-
Base Product Number	EFC4615	EFC4612	-	-
Drain to Source Voltage (Vdss)	24 V	24 V	-	-
Package / Case	4-XFBGA, FCBGA	4-XFBGA	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	-
Mounting Type	Surface Mount	Surface Mount	-	-
FET Feature	-	-	-	-
Vgs(th) (Max) @ Id	1.3V @ 1mA	1.3V @ 1mA	-	-
Gate Charge (Qg) (Max) @ Vgs	8.8 nC @ 4.5 V	7 nC @ 4.5 V	-	-
Vgs (Max)	±12V	±12V	-	-
Rds On (Max) @ Id, Vgs	31mOhm @ 3A, 4.5V	45mOhm @ 3A, 4.5V	-	-
Supplier Device Package	EFCP1515-4CC-037	EFCP1313-4CC-037	-	-
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V	-	-	-
Current - Continuous Drain (Id) @ 25°C	6A (Ta)	6A (Ta)	-	-
Power Dissipation (Max)	1.6W (Ta)	1.6W (Ta)	-	-
Operating Temperature	150°C (TJ)	150°C (TJ)	-	-

EFC4615R-TR Datasheet PDF

Download EFC4615R-TR pdf datasheets and onsemi documentation for EFC4615R-TR - onsemi.

Datasheets

EFC4615R.pdf

Environmental Information

onsemi REACH.pdf

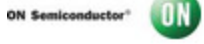
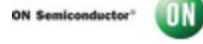



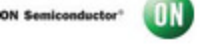
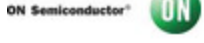
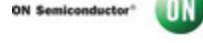

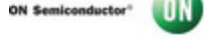

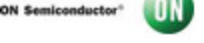
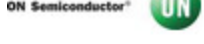

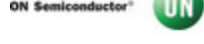
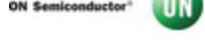

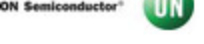
onsemi RoHS.pdf

PCN Obsolescence/ EOL

Obsolete Notice 15/Dec/2022.pdf

Customers Also Interested in

Recommended Products

 EFC4301-TR AMI Semiconductor/onsemi	 EFC4618R-C AMI Semiconductor/onsemi	 EFC4612 AMI Semiconductor/onsemi	 EFC4601-M-TR Sanyo N-CHANNEL MOSFET	 EFC4602-S-TR AMI Semiconductor/onsemi	 EFC4612R-TR onsemi MOSFET N-CH 24V 6A EFCP
 EFC2K102ANUZTDG onsemi NCH 12V 33A WLCSP DUAL	 EFC4619R-TR onsemi MOSFET 2N-CH EFCP	 EFC4611-TR onsemi N-CHANNEL POWER MOSFET	 EFC4618R-B AMI Semiconductor/onsemi	 EFC4621R AMI Semiconductor/onsemi	 EFC2K102AUZTDG AMI Semiconductor/onsemi
 EFC4612R-S-TR onsemi DUAL N-CHANNEL POWER MOSFET FOR	 EFC4618R-P-TR onsemi MOSFET 2N-CH EFCP1818	 EFC4621R-TR onsemi MOSFET 2N-CH EFCP	 EFC4601R-M-TR onsemi NCH 2.5V DRIVE SERIES	 EFC4618R-TR onsemi MOSFET 2N-CH EFCP1818	 EFC4618R-P-TR MOS 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.

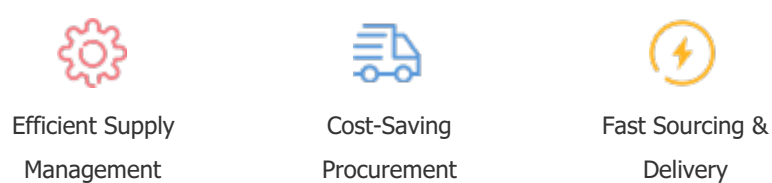
Payment Support

The payment method can be chosen from the methods shown below:

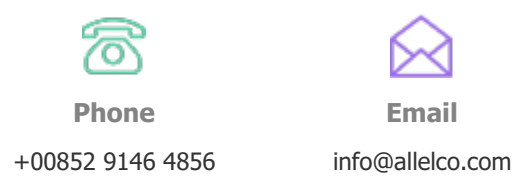
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



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