



Image may be representation.
See specifications for product details.



AUIRF7316QTR

Manufacturer Part Number	AUIRF7316QTR
Manufacturer	Infineon Technologies
Allelco Part Number	32D-AUIRF7316QTR
ECAD Model	Request Free CAD Models
Parts Description	MOSFET 2P-CH 30V 4.9A 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	AUIRF7316QTR.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AUIRF7316QTR - Infineon Technologies. New Original in Stock. Download Linear Technology AUIRF7316QTR datasheet/specifications on AllelcoElec.com.
Request a quote for AUIRF7316QTR, please send us email: info@allelco.com

Specifications

AUIRF7316QTR Tech Specifications
AUIRF7316QTR - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	3V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	710pF @ 25V
Supplier Device Package	8-SOIC	Gate Charge (Qg) (Max) @ Vgs	34nC @ 10V
Series	HEXFET®	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	58mOhm @ 4.9A, 10V	Drain to Source Voltage (Vdss)	30V
Power - Max	2W	Current - Continuous Drain (Id) @ 25°C	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	Configuration	2 P-Channel (Dual)
Package	Tape & Reel (TR)	Base Product Number	AUIRF7316

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies AUIRF7316QTR

Product Attribute				
Part Number	AUIRF7316QTR	AUIRF7103QTR	AUIRF7342QTR	AUIRF7313QTR
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	International Rectifier
Series	HEXFET®	Automotive, AEC-Q101, HEXFET®	Automotive, AEC-Q101, HEXFET®	HEXFET®
FET Feature	Logic Level Gate	-	Logic Level Gate	Logic Level Gate
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Configuration	2 P-Channel (Dual)	2 N-Channel (Dual)	2 P-Channel (Dual)	2 N-Channel (Dual)
Input Capacitance (Ciss) (Max) @ Vds	710pF @ 25V	255pF @ 25V	690pF @ 25V	755pF @ 25V
Power - Max	2W	2.4W	2W	2.4W
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Gate Charge (Qg) (Max) @ Vgs	34nC @ 10V	15nC @ 10V	38nC @ 10V	33nC @ 10V
Base Product Number	AUIRF7316	AUIRF7103	AUIRF7342	AUIRF7313
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Vgs(th) (Max) @ Id	3V @ 250µA	3V @ 250µA	3V @ 250µA	3V @ 250µA
Rds On (Max) @ Id, Vgs	58mOhm @ 4.9A, 10V	130mOhm @ 3A, 10V	105mOhm @ 3.4A, 10V	29mOhm @ 6.9A, 10V
Drain to Source Voltage (Vdss)	30V	50V	55V	30V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Current - Continuous Drain (Id) @ 25°C	-	3A	3.4A	6.9A

AUIRF7316QTR Datasheet PDF

Download AUIRF7316QTR pdf datasheets and Infineon Technologies documentation for AUIRF7316QTR - Infineon Technologies.

Other Related Documents

[Part Number Guide.pdf](#)

PCN Packaging

[Package Drawing Update 19/Aug/2015.pdf](#)

PCN Design/Specification

[Mult Dev Label Chgs Aug/2020.pdf](#)



















[Mult Dev Lot Chgs 25/May/2021.pdf](#)

PCN Assembly/Origin

[PCN Assembly/Origin](#)

Customers Also Interested in

Recommended Products

					
AUIRF7103QTR Infineon Technologies MOSFET 2N-CH 50V 3A 8SO	AUIRF7342QTR Infineon Technologies MOSFET 2P-CH 55V 3.4A 8SOIC	AUIRF7342QTRPBF IR	AUIRF7343QTR. IR	AUIRF6218STRL International Rectifier AUTOMOTIVE HEXFET P CHANNEL	AUIRF7341QTRPBF IR
					
AUIRF7313QTR International Rectifier AUIRF7313Q - 20V-40V N-CHANNEL A	AUIRF6218SPBF IR	AUIRF7309QTR Infineon Technologies MOSFET N/P-CH 30V 4A/3A 8SO	AUIRF7103QTRPBF IR	AUIRF7319Q Infineon Technologies MOSFET N/P-CH 30V 8SOIC	AUIRF7341QTR Infineon Technologies MOSFET 2N-CH 55V 5.1A 8SOIC
					
AUIRF7316QTRPBF IR	AUIRF7316Q Infineon Technologies MOSFET 2P-CH 30V 4.9A 8SOIC	AUIRF7313QTRPBF IR	AUIRF7303QTR Infineon Technologies MOSFET 2N-CH 30V 5.3A 8SOIC	AUIRF7343QTR International Rectifier AUIRF7343Q - 30V-55V DUAL N AND	AUIRF7207QTRPBF

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

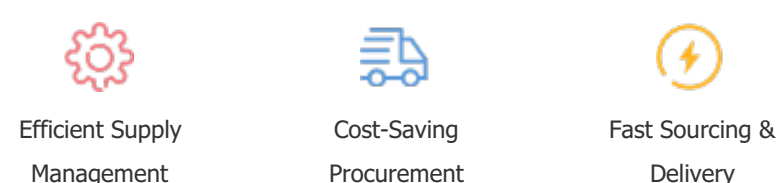
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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