



Image may be representation.
See specifications for product details.



AUIRF7103QTR

Manufacturer Part Number	AUIRF7103QTR
Manufacturer	Infineon Technologies
Allelco Part Number	32D-AUIRF7103QTR
ECAD Model	Request Free CAD Models
Parts Description	MOSFET 2N-CH 50V 3A 8SO
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	AUIRF7103QTR.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AUIRF7103QTR - Infineon Technologies. New Original in Stock. Download Linear Technology AUIRF7103QTR datasheet/specifications on AllelcoElec.com. Request a quote for AUIRF7103QTR, please send us email: info@allelco.com

Specifications

AUIRF7103QTR Tech Specifications
AUIRF7103QTR - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-55°C ~ 175°C (TJ)
Vgs(th) (Max) @ Id	3V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	255pF @ 25V
Supplier Device Package	8-SOIC	Gate Charge (Qg) (Max) @ Vgs	15nC @ 10V
Series	Automotive, AEC-Q101, HEXFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	130mOhm @ 3A, 10V	Drain to Source Voltage (Vdss)	50V
Power - Max	2.4W	Current - Continuous Drain (Id) @ 25°C	3A
Package / Case	8-SOIC (0.154", 3.90mm Width)	Configuration	2 N-Channel (Dual)
Package	Tape & Reel (TR)	Base Product Number	AUIRF7103

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies AUIRF7103QTR

Product Attribute				
Part Number	AUIRF7103QTR	AUIRF7309QTR	AUIRF7313QTR	AUIRF7316QTR
Manufacturer	Infineon Technologies	Infineon Technologies	International Rectifier	Infineon Technologies
Vgs(th) (Max) @ Id	3V @ 250µA	3V @ 250µA	3V @ 250µA	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	15nC @ 10V	25nC @ 4.5V	33nC @ 10V	34nC @ 10V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power - Max	2.4W	1.4W	2.4W	2W
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 150°C (TJ)
Configuration	2 N-Channel (Dual)	N and P-Channel	2 N-Channel (Dual)	2 P-Channel (Dual)
Series	Automotive, AEC-Q101, HEXFET®	HEXFET®	HEXFET®	HEXFET®
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Rds On (Max) @ Id, Vgs	130mOhm @ 3A, 10V	50mOhm @ 2.4A, 10V	29mOhm @ 6.9A, 10V	58mOhm @ 4.9A, 10V
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)
Base Product Number	AUIRF7103	AUIRF7309	AUIRF7313	AUIRF7316
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Input Capacitance (Ciss) (Max) @ Vds	255pF @ 25V	520pF @ 15V	755pF @ 25V	710pF @ 25V
Drain to Source Voltage (Vdss)	50V	30V	30V	30V
FET Feature	-	Logic Level Gate	Logic Level Gate	Logic Level Gate
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Current - Continuous Drain (Id) @ 25°C	3A	4A, 3A	6.9A	-

AUIRF7103QTR Datasheet PDF

Download AUIRF7103QTR pdf datasheets and Infineon Technologies documentation for AUIRF7103QTR - Infineon Technologies.

Other Related Documents

Part Number Guide.pdf

PCN Design/Specification

Mult Dev Label Chgs Aug/2020.pdf

Mult Dev Lot Chgs 25/May/2021.pdf

PCN Packaging

Packing Material Update 16/Sep/2016.pdf

Barcode Label Update 24/Feb/2017.pdf



















PCN Obsolescence/ EOL

PCN Assembly/Origin

Gen5N Wafer/Test Chgs 16/Dec/2020.pdf

Customers Also Interested in

Recommended Products

					
AUIRF6218S International Rectifier AUIRF6218 - 20V-150V P-CHANNEL A	AUIRF7207QTRPBF	AUIRF7103QTRPBF IR	AUIRF7309QTR Infineon Technologies MOSFET N/P-CH 30V 4A/3A 8SO	AUIRF7313QTR International Rectifier AUIRF7313Q - 20V-40V N-CHANNEL A	AUIRF540ZPBF IR
					
AUIRF7316QTR Infineon Technologies MOSFET 2P-CH 30V 4.9A 8SOIC	AUIRF6215 MOS IR	AUIRF6215S Infineon Technologies MOSFET P-CH 150V 13A D2PAK	AUIRF6218STRL International Rectifier AUTOMOTIVE HEXFET P CHANNEL	AUIRF6215 Infineon Technologies MOSFET P-CH 150V 13A TO220AB	AUIRF7303QTR Infineon Technologies MOSFET 2N-CH 30V 5.3A 8SOIC
					
AUIRF6218SPBF IR	AUIRF540Z Infineon Technologies MOSFET N-CH 100V 36A TO220AB	AUIRF540ZSPBF IR	AUIRF540ZS Infineon Technologies MOSFET N-CH 100V 36A D2PAK	AUIRF7319Q Infineon Technologies MOSFET N/P-CH 30V 8SOIC	AUIRF7316Q Infineon Technologies MOSFET 2P-CH 30V 4.9A 8SOIC

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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