



AUIRF1324WL

Manufacturer Part Number	AUIRF1324WL
Manufacturer	Infineon Technologies
Allelco Part Number	32D-AUIRF1324WL
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 24V 240A TO262-3
Package	TO-262-3 Wide Leads
Data sheet	AUIRF1324WL.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

AUIRF1324WL - Infineon Technologies.New Original in Stock. Download Linear Technology AUIRF1324WL datasheet/specifications on AllelcoElec.com.

Request a quote for AUIRF1324WL, please send us email: info@allelco.com

Specifications

AUIRF1324WL Tech Specifications

AUIRF1324WL - 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	4V @ 250µA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	7630 pF @ 19 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	180 nC @ 10 V
Supplier Device Package	TO-262-3 Wide	FET Type	N-Channel
Series	HEXFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	1.3mOhm @ 195A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	300W (Tc)	Drain to Source Voltage (Vdss)	24 V
Package / Case	TO-262-3 Wide Leads	Current - Continuous Drain (Id) @ 25°C	240A (Tc)
Package	Tube	Base Product Number	AUIRF1324

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies AUIRF1324WL

Product Attribute				
Part Number	AUIRF1324WL	AUIRF1404STRL	AUIRF1404	AUIRF1010ZL
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Vgs(th) (Max) @ Id	4V @ 250µA	4V @ 250µA	4V @ 250µA	4V @ 250µA
Vgs (Max)	±20V	±20V	±20V	-
Rds On (Max) @ Id, Vgs	1.3mOhm @ 195A, 10V	4mOhm @ 95A, 10V	4mOhm @ 121A, 10V	7.5mOhm @ 75A, 10V
Drain to Source Voltage (Vdss)	24 V	40 V	40 V	55 V
Input Capacitance (Ciss) (Max) @ Vds	7630 pF @ 19 V	7360 pF @ 25 V	5669 pF @ 25 V	2840 pF @ 25 V
Power Dissipation (Max)	300W (Tc)	3.8W (Ta), 200W (Tc)	333W (Tc)	140W (Tc)
FET Feature	-	-	-	-
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Base Product Number	AUIRF1324	-	-	-
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Gate Charge (Qg) (Max) @ Vgs	180 nC @ 10 V	200 nC @ 10 V	196 nC @ 10 V	95 nC @ 10 V
Supplier Device Package	TO-262-3 Wide	D2PAK	TO-220AB	TO-262
Current - Continuous Drain (Id) @ 25°C	240A (Tc)	75A (Tc)	160A (Tc)	75A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	-
Package / Case	TO-262-3 Wide Leads	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB	TO-220-3	TO-262-3 Long Leads, I²Pak, TO-262AA
Mounting Type	Through Hole	Surface Mount	Through Hole	Through Hole
Series	HEXFET®	HEXFET®	HEXFET®	HEXFET®
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Package	Tube	Bulk	Bulk	Bulk

AUIRF1324WL Datasheet PDF

Download AUIRF1324WL pdf datasheets and Infineon Technologies documentation for AUIRF1324WL - Infineon Technologies.

Other Related Documents

Part Number Guide.pdf

PCN Design/Specification



















Mult Dev Label Chgs 8/Sep/2021.pdf

Copper 04/Mar/2016.pdf

PCN Packaging

Customers Also Interested in

Recommended Products

					
AUIRF1404STRL Infineon Technologies MOSFET_(20V,40V)	AUIRF1404 Infineon Technologies AUIRF1404 - 20V-40V N-CHANNEL AU	AUIRF1010ZL Infineon Technologies AUIRF1010 - 55V-60V N-CHANNEL AU	AUIRF1404S International Rectifier MOSFET N-CH 40V 75A D2PAK	AUIRF1404ZS. IR	AUIRF1404Z Infineon Technologies MOSFET N-CH 40V 160A TO220AB
					
AUIRF1010EZ International Rectifier AUTOMOTIVE HEXFET N CHANNEL	AUIRF1324S-7P International Rectifier MOSFET N-CH 24V 240A TO263-7	AUIRF1323WL IR	AUIRF1018ES International Rectifier AUTOMOTIVE HEXFET N CHANNEL	AUIRF1404 MOS IR	AUIRF1404ZS International Rectifier MOSFET N-CH 40V 160A D2PAK
					
AUIRF1404ZL Infineon Technologies MOSFET N-CH 40V 160A TO262	AUIRF1010ZS International Rectifier AUTOMOTIVE HEXFET N CHANNEL	AUIRF1010Z International Rectifier MOSFET N-CH 55V 75A TO220AB	AUIRF1324WL MOS IR	AUIRB24427STR Infineon Technologies IC GATE DRVR LOW-SIDE 8SOIC	AUIRF1010EZS Infineon Technologies AUIRF1010 - 55V-60V N-CHANNEL AU

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.

 Phone +00852 9146 4856	 Email info@allelco.com
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Certifications & Memberships



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