



MRF6V12500HR5

Manufacturer Part Number	MRF6V12500HR5
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MRF6V12500HR5
ECAD Model	Request Free CAD Models
Parts Description	FET RF 110V 1.03GHZ NI-780H
Package	SOT-957A
Data sheet	MRF6V12500HR5.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MRF6V12500HR5 - NXP USA Inc..New Original in Stock. Download Linear Technology MRF6V12500HR5 datasheet/specifications on AllelcoElec.com.
Request a quote for MRF6V12500HR5, please send us email: info@allelco.com

Specifications

MRF6V12500HR5 Tech Specifications
MRF6V12500HR5 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Package	Tape & Reel (TR)
Voltage - Test	50 V	Noise Figure	-
Voltage - Rated	110 V	Mounting Type	Chassis Mount
Technology	LDMOS	Gain	19.7dB
Supplier Device Package	NI-780H-2L	Frequency	1.03GHz
Series	-	Current Rating (Amps)	-
Power - Output	500W	Current - Test	200 mA
Package / Case	SOT-957A	Base Product Number	MRF6V12500

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MRF6V12500HR5

Product Attribute	NO PICTURE			
Part Number	MRF6V12500HR5	MRF6S9125NR1	MRF6V10010NR4	MRF6V14300HR5
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor
Power - Output	500W	27W	10W	330W
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Supplier Device Package	NI-780H-2L	TO-270 WB-4	PLD-1.5	NI-780H-2L
Mounting Type	Chassis Mount	Surface Mount	Surface Mount	Chassis Mount
Current Rating (Amps)	-	-	-	-
Base Product Number	MRF6V12500	MRF6	MRF6V10010	-
Voltage - Test	50 V	28 V	50 V	50 V
Series	-	-	-	-
Technology	LDMOS	LDMOS	LDMOS	LDMOS
Gain	19.7dB	20.2dB	25dB	18dB
Noise Figure	-	-	-	-
Voltage - Rated	110 V	68 V	100 V	100 V
Current - Test	200 mA	950 mA	10 mA	150 mA
Frequency	1.03GHz	880MHz	1.09GHz	1.4GHz
Package / Case	SOT-957A	TO-270AB	PLD-1.5	SOT-957A

MRF6V12500HR5 Datasheet PDF

Download MRF6V12500HR5 pdf datasheets and NXP USA Inc. documentation for MRF6V12500HR5 - NXP USA Inc..

PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

PCN Design/Specification

[Mult Dev 25/May/2020.pdf](#)

PCN Assembly/Origin

[Mult Dev 14/Dec/2022.pdf](#)

Customers Also Interested in

Recommended Products

					
MRF6S9130H Freescale / NXP Semiconductors	MRF6S9125NR1 NXP USA Inc. FET RF 68V 880MHZ TO-270-4	MRF6V10010NR4 NXP USA Inc. FET RF 100V 1.09GHZ PLD-1.5	MRF6S9130HS Freescale / NXP Semiconductors	MRF6V14300HR5 Freescale Semiconductor RF POWER FIELD-EFFECT TRANSISTOR	MRF6V14300HR5 NXP USA Inc. RF MOSFET LDMOS 50V NI780H
					
MRF6V2010NR1 NXP USA Inc. FET RF 110V 220MHZ TO270-2	MRF6V12500HSR3 NXP USA Inc. FET RF 110V 1.03GHZ NI780HS	MRF6V13250HR5 NXP USA Inc. FET RF 120V 1.3GHZ NI780	MRF6V2010NBR5 NXP USA Inc. FET RF 110V 220MHZ TO-272-2	MRF6S9130HR3 NXP USA Inc. FET RF 68V 880MHZ NI-780	MRF6S9160HS FSL
					
MRF6V14300HS Freescale Semiconductor FET RF 100V 1.4GHZ NI780S	MRF6V13250HR5 Freescale Semiconductor RF L BAND, N-CHANNEL	MRF6V2150NBR5 Freescale Semiconductor RF ULTRA HIGH FREQUENCY BAND, N-	MRF6V12250HR5 NXP USA Inc. FET RF 100V 1.03GHZ NI-780	MRF6S9130HR5 NXP USA Inc. FET RF 68V 880MHZ NI-780	MRF6S9130HR5 Freescale Semiconductor FET RF 68V 880MHZ NI-780

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.

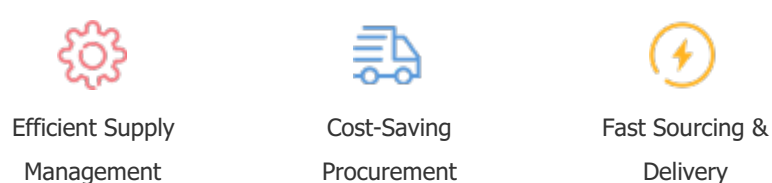
Payment Support

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

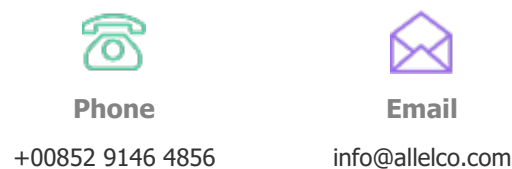
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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