



# MRF6S23100HR3

Manufacturer Part Number	<b>MRF6S23100HR3</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MRF6S23100HR3
ECAD Model	3D Model
Parts Description	FET RF 68V 2.4GHZ NI-780
Package	SOT-957A
Data sheet	MRF6S23100HR3.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MRF6S23100HR3 - NXP USA Inc..New Original in Stock. Download Linear Technology MRF6S23100HR3 datasheet/specifications on AllelcoElec.com.  
Request a quote for MRF6S23100HR3, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MRF6S23100HR3 Tech Specifications  
MRF6S23100HR3 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Package	Tape & Reel (TR)
Voltage - Test	28 V	Noise Figure	-
Voltage - Rated	68 V	Mounting Type	Chassis Mount
Technology	LDMOS	Gain	15.4dB
Supplier Device Package	NI-780H-2L	Frequency	2.4GHz
Series	-	Current Rating (Amps)	-
Power - Output	20W	Current - Test	1 A
Package / Case	SOT-957A	Base Product Number	MRF6

## Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MRF6S23100HR3

Product Attribute	NO PICTURE			
Part Number	MRF6S23100HR3	MRF6S23140HR5	MRF6S21100NR1	MRF6S23140HSR3
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Base Product Number	MRF6	MRF6	MRF6	MRF6
Package / Case	SOT-957A	SOT-957A	TO-270AB	NI-880S
Noise Figure	-	-	-	-
Mounting Type	Chassis Mount	Chassis Mount	Surface Mount	Surface Mount
Gain	15.4dB	15.2dB	14.5dB	15.2dB
Voltage - Rated	68 V	68 V	68 V	68 V
Current - Test	1 A	1.3 A	1.05 A	1.3 A
Voltage - Test	28 V	28 V	28 V	28 V
Current Rating (Amps)	-	-	-	-
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	NI-780H-2L	NI-880H-2L	TO-270 WB-4	NI-880S
Technology	LDMOS	LDMOS	LDMOS	LDMOS
Frequency	2.4GHz	2.39GHz	2.11GHz ~ 2.16GHz	2.39GHz
Power - Output	20W	28W	23W	28W

## MRF6S23100HR3 Datasheet PDF

Download MRF6S23100HR3 pdf datasheets and NXP USA Inc. documentation for MRF6S23100HR3 - 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](#)

## Customers Also Interested in

### Recommended Products

	NO PICTURE		NO PICTURE	NO PICTURE	
<b>MRF6S23140HR5</b> NXP USA Inc. FET RF 68V 2.39GHZ NI-880	<b>MRF6S21140H</b> MOTOROLA	<b>MRF6S21100NR1</b> NXP USA Inc. FET RF 68V 2.16GHZ TO270-4	<b>MRF6S21100HS</b> FSL	<b>MRF6S21140HS</b> FSL	<b>MRF6S23140HSR3</b> NXP USA Inc. FET RF 68V 2.39GHZ NI-880S



**MRF6S27015NR1**  
NXP USA Inc.  
FET RF 68V 2.6GHZ TO270-2

**MRF6S21100NB**  
Fairchild (onsemi)

**MRF6S21150**  
FSL

**MRF6S23100HSR3**  
Freescale Semiconductor  
RF S BAND, N-CHANNEL

**MRF6S27015GNR1**  
NXP USA Inc.  
FET RF 68V 2.6GHZ TO270-2 GW

**MRF6S24140HR5**  
NXP USA Inc.  
FET RF 68V 2.39GHZ NI-880



**MRF6S23140H**  
Freescale / NXP Semiconductors

**MRF6S23100HSR3**  
NXP USA Inc.  
FET RF 68V 2.4GHZ NI-780S

**MRF6S21140HSR3**  
NXP USA Inc.  
FET RF 68V 2.12GHZ NI-880S

**MRF6S21140HR3**  
NXP USA Inc.  
FET RF 68V 2.12GHZ NI-880

**MRF6S27015GNR1**  
Freescale Semiconductor  
RF S BAND, N-CHANNEL , TO-270

**MRF6S21100NR1**  
Freescale Semiconductor  
RF S BAND, N-CHANNEL , TO-270

## 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

Contact us if you have any questions.

- Phone  
+00852 9146 4856
- Email  
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## Certifications & Memberships



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