



Image may be representation.  
See specifications for product details.



## MRFG35003N6AT1

Manufacturer Part Number	<b>MRFG35003N6AT1</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MRFG35003N6AT1
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	<b>FET RF 8V 3.55GHZ PLD-1.5</b>
Package	<b>PLD-1.5</b>
Data sheet	MRFG35003N6AT1.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MRFG35003N6AT1 - NXP USA Inc..New Original in Stock. Download Linear Technology MRFG35003N6AT1 datasheet/specifications on AllelcoElec.com. Request a quote for MRFG35003N6AT1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MRFG35003N6AT1 Tech Specifications  
MRFG35003N6AT1 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Package	Tape & Reel (TR)
Voltage - Test	6 V	Noise Figure	-
Voltage - Rated	8 V	Mounting Type	Surface Mount
Technology	pHEMT FET	Gain	10dB
Supplier Device Package	PLD-1.5	Frequency	3.55GHz
Series	-	Current Rating (Amps)	-
Power - Output	450mW	Current - Test	180 mA
Package / Case	PLD-1.5	Base Product Number	MRFG35003

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MRFG35003N6AT1

Product Attribute				
Part Number	MRFG35003N6AT1	MRFG35010	MRFE6VP8600HR5	MRFG35010NT1
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor
Mounting Type	Surface Mount	Chassis Mount	Chassis Mount	-
Series	-	-	-	-
Frequency	3.55GHz	3.55GHz	860MHz	3.55GHz
Gain	10dB	10dB	19.3dB	10dB
Voltage - Test	6 V	12 V	50 V	12 V
Package / Case	PLD-1.5	NI-360HF	NI-1230	PLD-1.5
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Bulk
Power - Output	450mW	9W	125W	9W
Current Rating (Amps)	-	-	-	-
Supplier Device Package	PLD-1.5	NI-360HF	NI-1230	PLD-1.5
Noise Figure	-	-	-	-
Technology	pHEMT FET	pHEMT FET	LDMOS	pHEMT FET
Base Product Number	MRFG35003	MRFG35	MRFE6	MRFG35
Voltage - Rated	8 V	15 V	130 V	15 V
Current - Test	180 mA	130 mA	1.4 A	180 mA

### MRFG35003N6AT1 Datasheet PDF

Download MRFG35003N6AT1 pdf datasheets and NXP USA Inc. documentation for MRFG35003N6AT1 - NXP USA Inc..

#### PCN Packaging

- All Dev Label Update 15/Dec/2020.pdf
- Mult Dev Pkg Seal 15/Dec/2020.pdf

#### Environmental Information

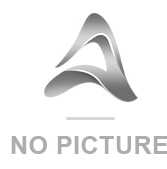
- NXP USA Inc REACH.pdf
- NXP USA Inc RoHS Cert.pdf

#### PCN Obsolescence/ EOL

- MRFG35003 12/Aug/2021.pdf

### Customers Also Interested in

#### Recommended Products

**MRFG35010**NXP USA Inc.  
FET RF 15V 3.55GHZ NI360HF**MRFE6VP8600HR5**NXP USA Inc.  
FET RF 2CH 130V 860MHZ NI-1230**MRFF002G3K00-01R****MRFG35010MT1**Freescale Semiconductor  
FET S BAND, GALLIUM ARSENIDE, N-C**MRFG35003ANT1**Freescale Semiconductor  
RF C BAND, GALLIUM ARSENIDE, N-C**MRFG35003ANT1**NXP USA Inc.  
FET RF 15V 3.55GHZ PLD-1.5**MRFG35010MR5**Freescale Semiconductor  
JFET 3-PIN**MRFG35003N6T1**Freescale Semiconductor  
RF S BAND, GALLIUM ARSENIDE, N-C**MRFG35010ANT1**NXP USA Inc.  
FET RF 15V 3.55GHZ PLD-1.5**MRFG35010MT1**NXP USA Inc.  
FET RF 15V 3.55GHZ 1.5-PLD**MRFE6VS25GNR1**Freescale Semiconductor  
RF POWER FIELD-EFFECT TRANSISTOR**MRFG35003N6T1**NXP USA Inc.  
FET RF 8V 3.55GHZ 1.5-PLD**MRFE6VS25GN**

Freescale / NXP Semiconductors

**MRFE6VS25NR1**NXP USA Inc.  
FET RF 133V 512MHZ TO270-2**MRFG35005MT1**NXP USA Inc.  
FET RF 15V 3.55GHZ 1.5PLD**MRFE6VS25LR5**NXP USA Inc.  
FET RF 133V 512MHZ NI360L**MRFG35010AR1**NXP USA Inc.  
FET RF 15V 3.55GHZ NI360HF**MRFE6VS25GNR1**NXP USA Inc.  
RF MOSFET LDMOS 50V TO270-2 GULL

## 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 Alleco 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

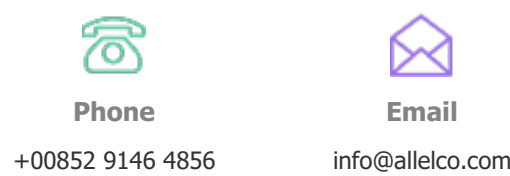
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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