






# AFT05MS006NT1

Manufacturer Part Number	<b>AFT05MS006NT1</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-AFT05MS006NT1
ECAD Model	 Request Free CAD Models
Parts Description	FET RF 30V 520MHZ PLD
Package	PLD-1.5W
Data sheet	AFT05MS006NT1.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

AFT05MS006NT1 - NXP USA Inc..New Original in Stock. Download Linear Technology AFT05MS006NT1 datasheet/specifications on AllelcoElec.com.  
Request a quote for AFT05MS006NT1, please send us email: [info@allelco.com](mailto:info@allelco.com)





## Specifications

AFT05MS006NT1 Tech Specifications  
AFT05MS006NT1 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Package	Tape & Reel (TR)
Voltage - Test	7.5 V	Noise Figure	-
Voltage - Rated	30 V	Mounting Type	Surface Mount
Technology	LDMOS	Gain	18.3dB
Supplier Device Package	PLD-1.5W	Frequency	520MHz
Series	-	Current Rating (Amps)	-
Power - Output	6W	Current - Test	100 mA
Package / Case	PLD-1.5W	Base Product Number	AFT05

## Parts with Similar Specifications


The three parts on the right have similar specifications to NXP USA Inc. AFT05MS006NT1


Product Attribute	 NO PICTURE			
Part Number	AFT05MS006NT1	AFT09MS007NT1	AFT09S282NR3	AFT05MS003NT1
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Gain	18.3dB	15.2dB	20dB	20.8dB
Series	-	-	-	-
Voltage - Rated	30 V	30 V	70 V	30 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	AFT05	AFT09	AFT09	AFT05
Supplier Device Package	PLD-1.5W	PLD-1.5W	OM-780-2	SOT-89A
Frequency	520MHz	870MHz	960MHz	520MHz
Technology	LDMOS	LDMOS	LDMOS	LDMOS
Current - Test	100 mA	100 mA	1.4 A	100 mA
Power - Output	6W	7.3W	80W	3W
Voltage - Test	7.5 V	7.5 V	28 V	7.5 V
Noise Figure	-	-	-	-
Package / Case	PLD-1.5W	PLD-1.5W	OM-780-2	TO-243AA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current Rating (Amps)	-	-	-	-

## AFT05MS006NT1 Datasheet PDF


Download AFT05MS006NT1 pdf datasheets and NXP USA Inc. documentation for AFT05MS006NT1 - 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 Assembly/Origin

 Oak Hill Fab Radio 16/Jul/2021.pdf

## Customers Also Interested in

### Recommended Products



<b>AFT09MS007NT1</b> NXP USA Inc. FET RF 30V 870MHZ PLD1.5W	<b>AFT18H357-24N</b> FREESCAL	<b>AFT09S282NR3</b> NXP USA Inc. FET RF 70V 960MHZ OM-780-2	<b>AFT05MS003NT1</b> NXP USA Inc. IC TRANS RF LDMOS	<b>AFT09MS015NT1</b> Freescale Semiconductor RF POWER FIELD-EFFECT TRANSISTOR	<b>AFT09MP055NR1</b> NXP Semiconductors AFT09MP055N - Broadband RF Power
<b>AFT09MS015NT1</b> NXP USA Inc. RF MOSFET LDMOS 12.5V PLD1.5W	<b>AFT05MS031GNR1</b> NXP USA Inc. FET RF 40V 520MHZ TO270-2G	<b>AFT05MS004NT1</b> NXP USA Inc. FET RF 30V 520MHZ PLD	<b>AFT18P380-24S</b> Freescal	<b>AFT05MP075NR1</b> NXP USA Inc. FET RF 2CH 40V 520MHZ TO270-4	<b>AFT09MS031NR1</b> NXP USA Inc. FET RF 40V 870MHZ TO-270-2
<b>AFT18H357-24S</b> Freescale / NXP Semiconductors	<b>AFT18H357-24SR6</b> NXP USA Inc. RF MOSFET LDMOS DL 28V NI1230-4	<b>AFT09S282S</b> Freescale / NXP Semiconductors	<b>AFT05MS031NR1</b> NXP USA Inc. FET RF 40V 520MHZ TO-270-2	<b>AFT18P350-4S2LR6</b> NXP USA Inc. FET RF 2CH 65V 1.81GHZ NI1230	<b>AFT18HW355SR6</b> NXP USA Inc. FET RF 2CH 65V 1.88GHZ NI1230S-4

## 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.

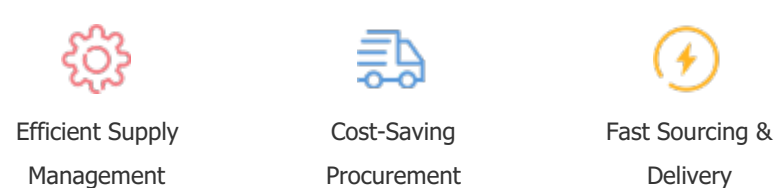
### Payment Support

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

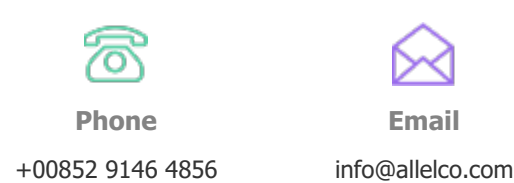
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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