

Image may be representation.  
See specifications for product details.



## HMC311ST89ETR

Manufacturer Part Number	<b>HMC311ST89ETR</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-HMC311ST89ETR
ECAD Model	Request Free CAD Models
Parts Description	IC RF AMP GPS 0HZ-6GHZ SOT89
Package	TO-243AA
Data sheet	<b>HMC311ST89(E).pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

HMC311ST89ETR - Analog Devices Inc..New Original in Stock. Download Linear Technology HMC311ST89ETR datasheet/specifications on AllelcoElec.com.  
Request a quote for HMC311ST89ETR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

HMC311ST89ETR Tech Specifications

HMC311ST89ETR - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	P1dB	13dBm
Voltage - Supply	5V	Noise Figure	5dB
Test Frequency	-	Mounting Type	Surface Mount
Supplier Device Package	SOT-89	Gain	14.5dB
Series	-	Frequency	0Hz ~ 6GHz
RF Type	General Purpose	Current - Supply	74mA
Package / Case	TO-243AA	Base Product Number	HMC311
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. HMC311ST89ETR

Product Attribute				
Part Number	HMC311ST89ETR	HMC313E	HMC311LP3	HMC311SC70E
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	SOT-89	SOT-23-6	16-QFN (3x3)	SC-70-6
Base Product Number	HMC311	HMC313	HMC311	HMC311
Package	Tape & Reel (TR)	Strip	Strip	Strip
Frequency	0Hz ~ 6GHz	0Hz ~ 6GHz	0Hz ~ 6GHz	0Hz ~ 8GHz
Series	-	-	-	-
Test Frequency	-	0Hz ~ 6GHz	-	6GHz ~ 8GHz
Gain	14.5dB	17dB	14dB	15dB
Current - Supply	74mA	50mA	74mA	74mA
P1dB	13dBm	14dBm	13dBm	11dBm
Package / Case	TO-243AA	SOT-23-6	16-VFQFN Exposed Pad	6-VSSOP, SC-88, SOT-363
RF Type	General Purpose	HiperLAN, UNII	General Purpose	General Purpose
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Noise Figure	5dB	6.5dB	4.5dB	5dB
Voltage - Supply	5V	5V	5V	5V

### HMC311ST89ETR Datasheet PDF

Download HMC311ST89ETR pdf datasheets and Analog Devices Inc. documentation for HMC311ST89ETR - Analog Devices Inc..

#### Datasheets

HMC311ST89(E).pdf

### Customers Also Interested in

#### Recommended Products



**HMC320MS8**  
HMC



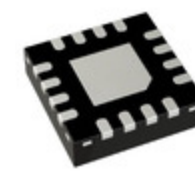
**HMC316MS8**  
Analog Devices Inc.  
IC MIXER HI-IP3 DBL-BAL 8-MSOP



**HMC313E**  
Analog Devices Inc.  
IC AMP HIPERLAN 0HZ-6GHZ SOT23-6



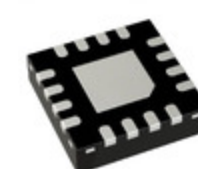
**HMC314E**  
Hittite (Analog Devices)



**HMC311LP3**  
Analog Devices Inc.  
IC RF AMP GPS 0HZ-6GHZ 16QFN



**HMC316MS8TR**  
Analog Devices Inc.  
IC AMP MMIC LNA 5.0-6.0GHZ 8MSOP



<b>HMC311SC70E</b> Analog Devices Inc. IC RF AMP GPS 0HZ-8GHZ SC70-6	<b>HMC308E</b> Analog Devices Inc. IC AMP GPS 800MHZ-3.8GHZ SOT23-6	<b>HMC311ST89E</b> Analog Devices Inc. IC RF AMP GPS 0HZ-6GHZ SOT89	<b>HMC311LP3E</b> Analog Devices Inc. IC RF AMP GPS 0HZ-6GHZ 16QFN	<b>HMC314</b> Hittite (Analog Devices)	<b>HMC316MS8E</b> Analog Devices Inc. IC MIXER HI-IP3 DBL-BAL 8-MSOP
					
<b>HMC308ETR</b> Analog Devices Inc. IC AMP GPS 800MHZ-3.8GHZ SOT23-6	<b>HMC311SC70ETR</b> Analog Devices Inc. IC RF AMP GPS 0HZ-8GHZ SC70-6	<b>HMC311LP3ETR</b> Analog Devices Inc. IC RF AMP GPS 0HZ-6GHZ 16QFN	<b>HMC313ETR</b> Analog Devices Inc. IC AMP HIPERLAN 0HZ-6GHZ SOT23-6	<b>HMC318MS8GETR</b> Analog Devices Inc. IC AMP HIPERLAN 5GHZ-6GHZ 8MSOP	<b>HMC316MS8ETR</b> Analog Devices Inc. IC MIXER HI-IP3 DBL-BAL 8-MSOP

## 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.

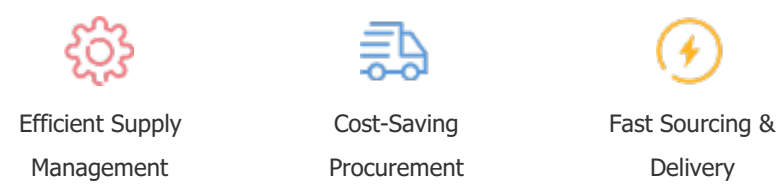
## Payment Support

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

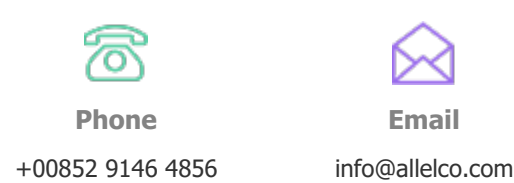
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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