



Image may be representation.
See specifications for product details.



BGA3018,115

Manufacturer Part Number	BGA3018,115
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-BGA3018,115
ECAD Model	Request Free CAD Models
Parts Description	IC RF AMP CATV 5MHZ-1GHZ SOT89-3
Package	TO-243AA
Data sheet	BGA3018.pdf BGA301x Application Note.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BGA3018,115 - NXP USA Inc..New Original in Stock. Download Linear Technology BGA3018,115 datasheet/specifications on AllelcoElec.com.
Request a quote for BGA3018,115, please send us email: info@allelco.com

Specifications

BGA3018,115 Tech Specifications

BGA3018,115 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	P1dB	18dBm
Voltage - Supply	5V ~ 8V	Noise Figure	2.5dB
Test Frequency	1GHz	Mounting Type	Surface Mount
Supplier Device Package	SOT-89-3	Gain	18dB
Series	-	Frequency	5MHz ~ 1GHz
RF Type	CATV	Current - Supply	75mA
Package / Case	TO-243AA	Base Product Number	BGA3018
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. BGA3018,115

Product Attribute				
Part Number	BGA3018,115	BGA3031	BGA3131J	BGA3031J
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Frequency	5MHz ~ 1GHz	-	5MHz ~ 205MHz	5MHz ~ 85MHz
Gain	18dB	-	37dB	34dB
Test Frequency	1GHz	-	-	-
P1dB	18dBm	-	-	-
Series	-	*	-	-
Voltage - Supply	5V ~ 8V	-	4.75V ~ 5.25V	5V
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Base Product Number	BGA3018	-	BGA3131	BGA3031
Noise Figure	2.5dB	-	6.5dB ~ 15dB	3.5dB
Current - Supply	75mA	-	660mA	325mA
Supplier Device Package	SOT-89-3	-	20-HVQFN (5x5)	20-HVQFN (5x5)
RF Type	CATV	-	CATV	CATV
Package / Case	TO-243AA	-	20-VQFN Exposed Pad	20-VQFN Exposed Pad

BGA3018,115 Datasheet PDF

Download BGA3018,115 pdf datasheets and NXP USA Inc. documentation for BGA3018,115 - NXP USA Inc..

Datasheets

- BGA3018.pdf
- BGA301x Application Note.pdf

PCN Packaging

- All Dev Label Update 15/Dec/2020.pdf
- Date Code Extended 18/Jul/2013.pdf

Environmental Information

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

PCN Design/Specification



















- Resin Hardener 02/Jul/2013.pdf

PCN Assembly/Origin

- MFG Name Change Nexperia 5/Mar/2017.pdf

Customers Also Interested in

Recommended Products

					
BGA2818 Freescale / NXP Semiconductors	BGA416 Cypress Semiconductor (Infineon Technologies)	BGA416 E6327 Cypress Semiconductor (Infineon Technologies)	BGA3018 Freescale / NXP Semiconductors	BGA3031 NXP USA Inc. CONSUMER CIRCUIT, PQCC20	BGA3131J NXP USA Inc. IC AMP CATV 5MHZ-205MHZ 20HVQFN
					
BGA2851 Freescale / NXP Semiconductors	BGA310 Cypress Semiconductor (Infineon Technologies)	BGA2874 Freescale / NXP Semiconductors	BGA3131 Freescale / NXP Semiconductors	BGA2869 Freescale / NXP Semiconductors	BGA2866 NXP USA Inc. WIDE BAND LOW POWER AMPLIFIER 0
					
BGA3031J NXP USA Inc. IC AMP CATV 5MHZ-85MHZ 20HVQFN	BGA3031J onsemi BGA3031 - DOCSIS 3.0 PLUS UPSTRE	BGA2866115 NXP USA Inc. WIDE BAND LOW POWER AMPLIFIER 0	BGA2817115 Freescale / NXP Semiconductors	BGA2867 Nexperia	BGA3012 Freescale / NXP Semiconductors

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
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Contact us if you have any questions.

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Certifications & Memberships



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