



Image may be representation.
See specifications for product details.



NUF2221W1T2G

Manufacturer Part Number	NUF2221W1T2G
Manufacturer	onsemi
Allelco Part Number	32D-NUF2221W1T2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	FILTER RC(PI) 22 OHM/42PF SMD
Package	6-TSSOP, SC-88, SOT-363
Data sheet	NUF2221W1T2.pdf NUF2221W1T2.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NUF2221W1T2G - onsemi.New Original in Stock. Download Linear Technology NUF2221W1T2G datasheet/specifications on AllelcoElec.com.
Request a quote for NUF2221W1T2G, please send us email: info@allelco.com

Specifications

NUF2221W1T2G Tech Specifications
NUF2221W1T2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-55°C ~ 125°C
Voltage - Rated	-	Number of Channels	3
Values	R = 22Ohms, C = 42pF (Total)	Mounting Type	Surface Mount
Type	Low Pass	Height	0.043" (1.09mm)
Technology	RC (Pi)	Filter Order	2nd
Size / Dimension	0.079" L x 0.049" W (2.00mm x 1.25mm)	ESD Protection	Yes
Series	-	Center / Cutoff Frequency	-
Resistance - Channel (Ohms)	22	Base Product Number	NUF2221
Package / Case	6-TSSOP, SC-88, SOT-363	Attenuation Value	-
Package	Tape & Reel (TR)	Applications	USB

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NUF2221W1T2G

Product Attribute				
Part Number	NUF2221W1T2G	NUF2116MNT1G	NUF2222FCT1G	NUF3102MUTAG
Manufacturer	onsemi	onsemi	onsemi	onsemi
ESD Protection	Yes	Yes	Yes	Yes
Center / Cutoff Frequency	-	55MHz (Cutoff)	190MHz (Cutoff)	150MHz (Cutoff)
Type	Low Pass	Low Pass	Low Pass	Low Pass
Height	0.043" (1.09mm)	0.039" (1.00mm)	0.028" (0.70mm)	0.022" (0.55mm)
Technology	RC (Pi)	RC (Pi)	RC (Pi)	RC (Pi)
Attenuation Value	-	-35dB @ 800MHz ~ 3GHz	-20dB @ 900MHz ~ 3GHz	-25dB @ 800MHz ~ 5GHz
Voltage - Rated	-	-	-	-
Series	-	-	-	-
Filter Order	2nd	2nd	2nd	2nd
Values	R = 22Ohms, C = 42pF (Total)	R = 64Ohms, C = 50pF	R = 33Ohms, C = 36pF	R = 47Ohm, 100Ohm, C = 13pF
Size / Dimension	0.079" L x 0.049" W (2.00mm x 1.25mm)	0.079" L x 0.079" W (2.00mm x 2.00mm)	0.050" L x 0.078" W (1.27mm x 1.97mm)	0.071" L x 0.047" W (1.80mm x 1.20mm)
Operating Temperature	-55°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Applications	USB	Audio	USB	Data Lines for Mobile Devices
Base Product Number	NUF2221	NUF2116	NUF2222	NUF3102
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Number of Channels	3	2	2	3
Resistance - Channel (Ohms)	22	64	33	47, 100
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	6-TSSOP, SC-88, SOT-363	8-VDFDN Exposed Pad	8-WFBGA, FCBGA	8-UFDN Exposed Pad

NUF2221W1T2G Datasheet PDF

Download NUF2221W1T2G pdf datasheets and onsemi documentation for NUF2221W1T2G - onsemi.

Datasheets

[NUF2221W1T2.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

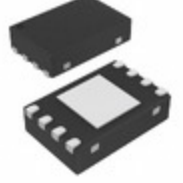

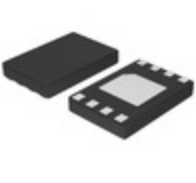





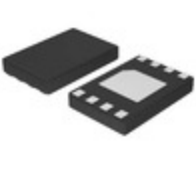


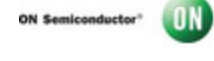
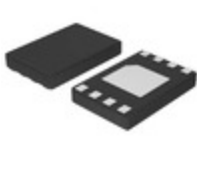


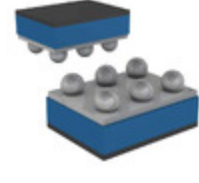
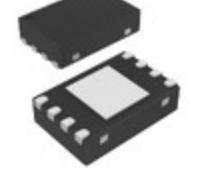
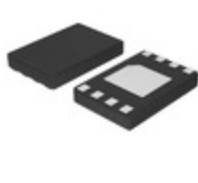
[Material Declaration NUF2221W1T2G.pdf](#)

HTML Datasheet

[HTML Datasheet](#)

Customers Also Interested in

Recommended Products

					
NUF2116MNT1G onsemi FILTER RC(PI) 64 OHM/50PF SMD	NUF2222FCT1G onsemi FILTER RC(PI) 33 OHM/36PF SMD	NUF3102MUTAG onsemi FILTER RC(PI) 150MHZ ESD SMD	NUF2042XV6T1G onsemi FILTER RC(PI) 22 OHM/42PF SMD	NUF2101MT1G onsemi FILTER RC(PI) 30 OHM/55PF SMD	NUF2221W1T2G 022U AMI Semiconductor/onsemi
					
NUF2240W1T1G onsemi FILTER RC(PI) 100 OHM/17PF SMD	NUF2070MNT1G onsemi FILTER LC(PI) 10NH/64PF ESD SMD	NUF2450MUT2G onsemi FILTER LC(PI) 2.3NH/240PF SMD	NUF3101FCT1G onsemi FILTER RC(PI) 300MHZ ESD SMD	NUF4105FCT1 onsemi FILTER RC(PI) 100 OHM/53PF SMD	NUF2116MUT1G AMI Semiconductor/onsemi
					
NUF4001MUT2G onsemi FILTER RC(PI) 100 OHM/13PF SMD	NUF2441FCT1G Rochester Electronics, LLC NUF2441FC - INTEGRATED PASSIVE F	NUF2441FCT1 onsemi FILTER LC(PI) 2.9NH/250PF SMD	NUF2441FCT1G onsemi FILTER LC(PI) 2.9NH/250PF SMD	NUF2114MNT1G onsemi FILTER RC(PI) 9 OHM/60PF ESD SMD	NUF4010MUT2G onsemi FILTER RC(PI) 100 OHM/7PF SMD

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 info@allelco.com
--	--

Certifications & Memberships



View More