

Image may be representation.
See specifications for product details.



MAX2688EWS+T

Manufacturer Part Number	MAX2688EWS+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX2688EWS+T
ECAD Model	Request Free CAD Models
Parts Description	IC RF AMP GPS 1575.42MHZ 4WLP
Package	4-WFBGA, WLBGA
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX2688EWS+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX2688EWS+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX2688EWS+T, please send us email: info@allelco.com

Specifications

MAX2688EWS+T Tech Specifications
MAX2688EWS+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	P1dB	-10dBm
Voltage - Supply	1.6V ~ 3.3V	Noise Figure	0.75dB
Test Frequency	1575.42MHz	Mounting Type	Surface Mount
Supplier Device Package	4-WLP (0.84x0.84)	Gain	15.4dB
Series	-	Frequency	1575.42MHz
RF Type	GPS/GNSS	Current - Supply	4.1mA
Package / Case	4-WFBGA, WLBGA	Base Product Number	MAX2688
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX2688EWS+T

Product Attribute				
Part Number	MAX2688EWS+T	MAX2686EWS+T	MAX2692EWS+T	MAX2685EEE
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	1.6V ~ 3.3V	1.6V ~ 3.3V	1.6V ~ 3.6V	2.7V ~ 5.5V
Series	-	-	-	-
Current - Supply	4.1mA	4.1mA	4mA	14.1mA
Base Product Number	MAX2688	MAX2686	MAX269	MAX268
Test Frequency	1575.42MHz	1575.42MHz	2.5GHz	-
RF Type	GPS/GNSS	GPS/GNSS	WLAN	Cellular, ISM
Gain	15.4dB	19dB	18.2dB	6.1dB
Package / Case	4-WFBGA, WLBGA	4-WFBGA, WLBGA	4-WFBGA, WLBGA	16-SSOP (0.154", 3.90mm Width)
Noise Figure	0.75dB	0.75dB	1.1dB	13dB
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
P1dB	-10dBm	-10dBm	-16dBm	-
Frequency	1575.42MHz	1575.42MHz	2.5GHz	800MHz ~ 1GHz
Supplier Device Package	4-WLP (0.84x0.84)	4-WLP (0.84x0.84)	4-WLP (0.84x0.84)	16-QSOP

MAX2688EWS+T Datasheet PDF

Download MAX2688EWS+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX2688EWS+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

Application Notes

[General Layout Guidelines for RF and Mixed-Signal .pdf](#)

Customers Also Interested in

Recommended Products



MAX2685EEE

Analog Devices Inc./Maxim Integrated
IC AMP/DOWNCONVERTER LNA Q SOP

**MAX2682EUT-T**

Analog Devices Inc./Maxim Integrated
IC SIGE DOWNCONV MIXER SOT23-6

**MAX2690EWS+T**

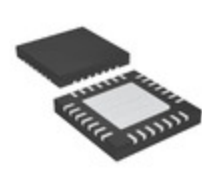
Analog Devices Inc./Maxim Integrated
IC RF AMP GPS 1575.42MHZ 4WLP

**MAX2690EUB+T**

Analog Devices Inc./Maxim Integrated
IC MIXER 400MHZ-2.5GZ DWN 10UMAX

**MAX2692EWS+T**

Analog Devices Inc./Maxim Integrated
IC RF AMP WLAN 2.5GHZ 4WLP

**MAX2741AETI+**

Analog Devices Inc./Maxim Integrated
RF RECEIVER 1575.42MHZ 28TQFN

**MAX2682EUT+T**

Analog Devices Inc./Maxim Integrated
IC MXR 400MHZ-2.5GHZ DWN SOT23-6

**MAX2688EWS+**

Analog Devices / Maxim Integrated

**MAX2684EUE-T**

Analog Devices Inc./Maxim Integrated
MIXER WITH SELECTABLE DOUBLER

**MAX2682EUT**

Analog Devices Inc./Maxim Integrated
SIGE DOWNCONVERTER MIXER

**MAX2683EUE+**

Analog Devices Inc./Maxim Integrated
MIXER WITH SELECTABLE DOUBLER

**MAX2741ETI**

Analog Devices Inc./Maxim Integrated
L1-BAND GPS RECEIVER

**MAX270EWP-T**

Analog Devices / Maxim Integrated

MAX2704R

Analog Devices / Maxim Integrated

MAX2685EEE+

Analog Devices Inc./Maxim Integrated
IC MIXER 800MHZ-1GHZ DWN 16Q SOP

MAX2681EUT-T

Analog Devices Inc./Maxim Integrated
IC SIGE DOWNCONV MIXER SOT23-6

MAX2690EUB-T

Analog Devices Inc./Maxim Integrated
IC MIXER DOWNCONVERTER 10UMAX

MAX268BENG+

Analog Devices Inc./Maxim Integrated
IC FILTER 140KHZ BAND PASS 24DIP

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](#)

**Contact us**

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