

HMC213A

DBL-BAL Mixer SMT, 1.5 - 4.5 GHz

Not Recommended for New Designs

Q

GND

1

LO

2

GND

3

N/C

4

8

GND

7

RF

6

GND

5

IF

PDF

Data Sheet

View All

ZIP

S-Parameters

View All

Features and Benefits

- Ultra Small Package: MSOP8
- Conversion Loss: 8.5 dB
- LO / RF Isolation: 40 dB

Product Categories

RF & Microwave

Single, Double & Triple Balanced Mixers

Product Details

The HMC213AMS8(E) is an ultra miniature double-balanced mixer in an 8 lead plastic surface mount package (MSOP). This passive MMIC mixer is constructed of GaAs Schottky diodes and novel planar... [Show More..](#)

Comparable Parts

Click to see all in Parametric Search

Product Lifecycle

Not Recommended for New Designs

This designates products ADI does not recommend broadly for new designs.

Evaluation Kits

EVAL-HMC213AMS8

HMC213AMS8 Evaluation Board

Product Details

This page contains ordering information for evaluating the HMC213AMS8.

View Detailed Evaluation Kit Information

Documentation

1 See All

1 Data Sheet

HMC213A Data Sheet

PDF

586.69 K

Tools & Simulations

S-Parameters

HMC213A S-Parameters

ZIP

24.49 K

Reference Materials

4 See All

3 Quality Documentation

1 Tape & Reel Specification

Quality Documentation

Package/Assembly Qualification Test Report: MS8G (QTR: 2014-00393 REV: 01)

Quality Documentation

Semiconductor Qualification Test Report: MESFET-F (QTR: 2013-00247)

Quality Documentation

PCN: MS, QS, SOT, SOIC packages - Sn/Pb plating vendor change

Design Resources

ADI has always placed the highest emphasis on delivering products that meet the maximum levels of quality and reliability. We achieve this by incorporating quality and reliability checks in every scope of product and process design, and in the manufacturing process as well. "Zero defects" for shipped products is always our goal.

HMC213A Material Declaration

PCN-PDN Information

Quality And Reliability

Symbols and Footprints

Discussions

Didn't find what you were looking for?

Ask the Analog community ▶

Sample & Buy

Model	Package	Pins	Temp Range	Packing Qty	Price (100-499)	Price (1000+)	RoHS	Order from Analog Devices
HMC213AMS8 Notify me	8 ld MSOP	8	-40 to 85C	Reel, 50	\$6.91	\$5.60	N Info	Contact ADI
HMC213AMS8E Notify me	8 ld MSOP	8	-40 to 85C	Reel, 50	\$4.98	\$4.03	Y Info	Contact ADI
HMC213AMS8E-AN Notify me	8 ld MSOP	8	-40 to 85C	Reel, 50	-	-	Y Info	Contact ADI
HMC213AMS8ETR Notify me	8 ld MSOP	8	-40 to 85C	Reel, 500	\$4.98	\$4.03	Y Info	Sample
HMC213AMS8ETR-AN Notify me	8 ld MSOP	8	-40 to 85C	Reel, 500	-	-	Y Info	Contact ADI
HMC213AMS8TR Notify me	8 ld MSOP	8	-40 to 85C	Reel, 500	\$6.91	\$5.60	N Info	Contact ADI

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Select a country ~

Check inventory

The USA list pricing shown is for BUDGETARY USE ONLY, shown in United States dollars (FOB USA per unit for the stated volume), and is subject to change. International prices may differ due to local duties, taxes, fees and exchange rates. For volume-specific price or delivery quotes, please contact your local Analog Devices, Inc. sales office or authorized distributor. Pricing displayed for Evaluation Boards and Kits is based on 1-piece pricing.

[Price Table Help](#)

Evaluation Boards

Pricing displayed is based on 1-piece.

Model	Description	Price	RoHS
103350-HMC213AMS8	Evaluation Board – HMC213AMS8 Evaluation PCB	\$248.60	Yes

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Add to cart

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