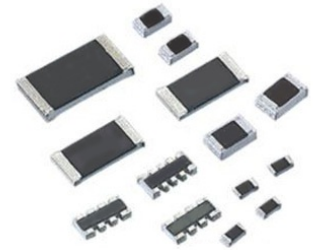


Passive RF Multipliers x2 40GHz to 80GHz-OUT 2-Pin Die Tray



Images are for reference only

[Inquiry](#)

Manufacturer: [Analog Devices, Inc](#)

Package/Case: SMD

Product Type: RF Integrated Circuits

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The HMC1105 is a passive miniature frequency doubler MMIC. Suppression of undesired fundamental and higher order harmonics is up to 46 dB typical with respect to input signal level. The doubler utilizes the same GaAs Schottky diode/balun technology found in Hittite MMIC mixers. It features small size, requires no DC bias, and adds no measurable additive phase noise onto the multiplied signal.

Key Features

- Passive: No DC Bias Required
- Conversion Loss: 12 dBm
- Fo Isolation: 41 dB
- 3Fo Isolation: 46 dB
- Die Size: 1.79 x 1.19 x 0.1 mm

Application

- Point-to-Point and VSAT Radios
- V-Band Communications
- Test Instrumentation
- Radar
- Space

Recommended For You

HMC158

Analog Devices, Inc
SMT8

HMC204MS8G

Analog Devices, Inc
MSOP8

HMC204

Analog Devices, Inc
MSOP8

HMC188MS8

Analog Devices, Inc
MSOP8

HMC205

Analog Devices, Inc
QFN-16

HMC189AMS8E

Analog Devices, Inc
MSOP8

HMC-XTB110

Analog Devices, Inc
Chip

HMC158C8

Analog Devices, Inc
SOIC8

HMC156AC8

Analog Devices, Inc
SOP-8

HMC204MS8GE

Analog Devices, Inc
MSOP8

HMC204C8TR

Analog Devices, Inc
QFN

HMC189AMS8ETR

Analog Devices, Inc
MSOP8

HMC-XTB110-WP

Analog Devices, Inc
BGA

HMC156AC8TR

Analog Devices, Inc
BGA

HMC187AMS8

Analog Devices, Inc
MSOP8