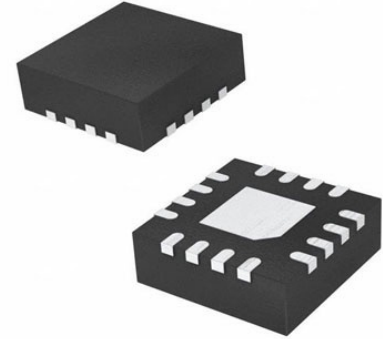


PLL Fractional N IC, 4 Bands from 45MHz to 4200MHz, 3V to 3.5V supply, QFN-40

Manufacturers	Analog Devices, Inc
Package/Case	40-VFQFN
Product Type	Clock Generators
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for HMC834LP6GE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC8342 is a gallium arsenide (GaAs), monolithic microwave integrated circuit (MMIC), ×2 active broadband frequency multiplier. When driven by a 5 dBm signal, the multiplier provides 15 dBm typical output power. The output frequency range is from 22 GHz to 42 GHz, and the input fundamental and third harmonic isolations measured at the output are -23 dBc and -20 dBc, respectively, at an output frequency of 30 GHz. The HMC8342 is ideal for use in LO multiplier chains for point to point and VSAT radios, resulting in a reduced parts count vs. traditional design approaches.

APPLICATIONS

Features

High output power: 15 dBm (typical) at>

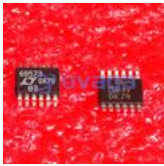
Low input power drive: 5 dBm (typical)

Fundamental RF input isolation at RF output: -23 dBc at>

16-terminal, 6 mm × 6 mm LCC_HS package, 36 mm

2

Related Products



[LTC6957HMS-3#PBF](#)

Analog Devices, Inc
MSOP-12



[HMC987LP5E](#)

Analog Devices, Inc
32-VFQFN



[HMC703LP4E](#)

Analog Devices, Inc
QFN-24



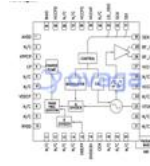
[HMC1031MS8E](#)

Analog Devices, Inc
8-MS8E



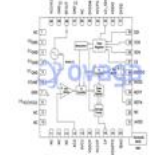
[HMC769LP6CE](#)

Analog Devices, Inc
40-QFN



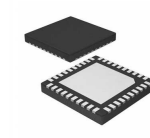
[HMC838LP6CE](#)

Analog Devices, Inc
QFN-40



[HMC807LP6CETR](#)

Analog Devices, Inc
QFN40



[HMC835LP6GE](#)

Analog Devices, Inc
QFN40