


**RF Amp Single Power Amp 14GHz 6.5V 24-Pin LFCSP EP
T/R**

Manufacturer:	Analog Devices, Inc
Package/Case:	QFN
Product Type:	Amplifier ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The HMC952ALP5GE is a four-stage GaAs pHEMTMMIC Medium Power Amplifier with a temperaturecompensated on-chip power detector which operatesbetween 8 and 14 GHz. The amplifier provides32 dB of gain and +34.5 dBm of saturated outputpower at 26% PAE from a +6V supply. With up to+43 dBm IP3 the HMC952ALP5GE is ideal for linearapplications such as point-to-point and point-to-multipointradios or SATCOM applications demanding+34.5dBm of efficient saturated output power. The RFI/Os are internally matched to 50 Ohms.

Key Features

- High P1dB output power: +34 dBm
- High gain: 32 dB
- High output IP3: +43 dBm
- Supply voltage: Vdd = +6V at 1400 mA
- 50 ohm matched input/output

Application

- Point-to-multi-point radios
- SATCO



Recommended For You

HMC624ALP4E

Analog Devices, Inc
QFN24

HMC361S8GE

Analog Devices, Inc
SOP-8

HMC253AQS24E

Analog Devices, Inc
QFN

HMC346MS8G

Analog Devices, Inc
MSOP8

HMC1119LP4ME

Analog Devices, Inc
QFN

HMC659LC5

Analog Devices, Inc
QFN

HMC909LP4E

Analog Devices, Inc
QFN

HMC564LC4

Analog Devices, Inc
QFN

HMC1021LP4E

Analog Devices, Inc
QFN

HMC241AQS16E

Analog Devices, Inc
SSOP16

HMC424LP3E

Analog Devices, Inc
QFN

HMC662LP3E

Analog Devices, Inc
QFN

HMC8038LP4CE

Analog Devices, Inc
QFN16

HMC363S8G

Analog Devices, Inc
SOP8

HMC394LP4E

Analog Devices, Inc
QFN