
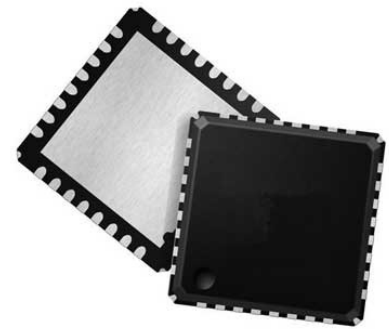


RF Amp Single VGA 5GHz 5.6V 32-Pin LFCSP EP T/R

Manufacturer:	Analog Devices, Inc
Package/Case:	QFN32
Product Type:	Amplifier ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The HMC625BLP5E is a digitally controlled variable gain amplifier which operates from DC to 5 GHz, and can be programmed to provide anywhere from 13.5dB attenuation, to 18 dB of gain, in 0.5 dB steps. The HMC625BLP5E delivers noise figure of 6 dB in its maximum gain state, with output IP3 of up to +32 dBm in any state. The dual mode control interface is CMOS/TTL compatible, and accepts either a three wire serial input or a 6 bit parallel word. The HMC625BLP5E also features a user selectable power up state and a serial output port for cascading other Hittite serial controlled components. The HMC625BLP5E is housed in a RoHS compliant 5x5 mm QFN leadless package, and requires no external matching components.

Key Features

- Power-up State Selection
- High Output IP3: +32 dBm
- TTL/CMOS Compatible Serial, Parallel, or latched Parallel Control
- Single +5V Supply
- 32 Lead 5x5 mm SMT Package: 25 mm²

Application

- Cellular/3G infrastructure
- WiBro / WiMAX / 4G
- Microwave radio & VSAT
- Test equipment and sensors
- IF & RF applications

Recommended For You

HMC624ALP4E

Analog Devices, Inc
QFN24

HMC952ALP5GE

Analog Devices, Inc
QFN

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