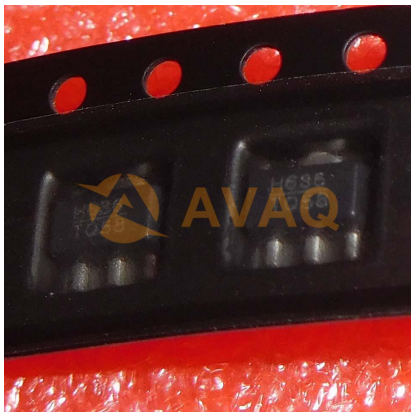
HMC636ST89

RF Amp Single LNA 4GHz 5.5V 4-Pin(3+Tab) SOT-89 Cut Tape

Manufacturer:	Analog Devices, Inc
Package/Case:	SOT-89
Product Type:	Amplifier ICs
Lifecycle:	Active



Images are for reference only

Inquiry

General Description

The HMC636ST89(E) is a GaAs PHEMT, High Linearity, Low Noise, Wideband Gain Block Amplifier covering 0.2 to 4.0 GHz. Packaged in an industry standard SOT89, the amplifier can be used as either a cascadable 50 Ohm gain stage, a PA Pre-Driver, a Low Noise Amplifier, or a Gain Block with up to +23 dBm output power. This versatile Gain Block Amplifier is powered from a single +5V supply and requires no external matching components. The internally matched topology makes this amplifier compatible with virtually any PCB material or thickness.

Key Features

Low Noise Figure: 2.2 dB

High P1dB Output Power: +22 dBm

High Output IP3: +40 dBm

Gain: 13 dB

50 Ohm I/O's - No External Matching

Industry Standard SOT89 Package

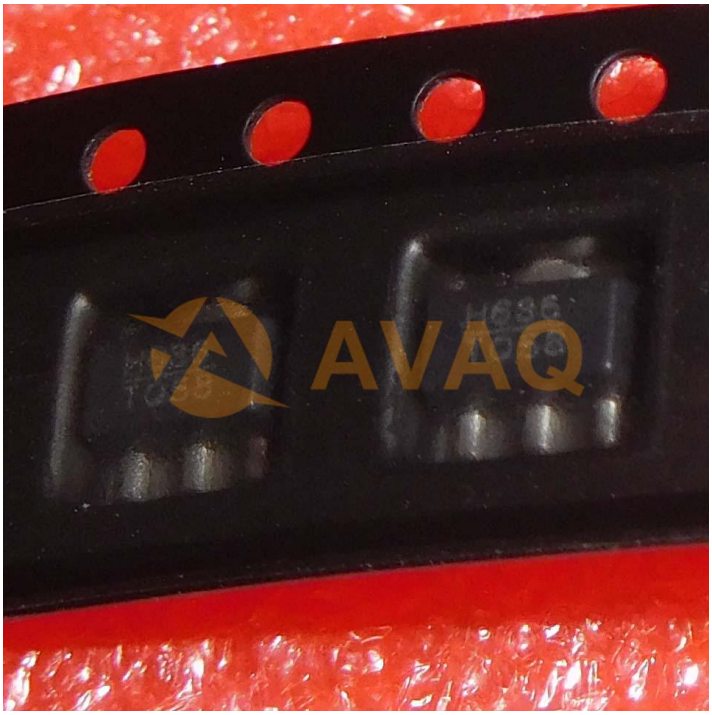
Application

Cellular / PCS / 3G

WiMAX, WiBro, & Fixed Wireless

CATV & Cable Modem

Microwave Radio



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