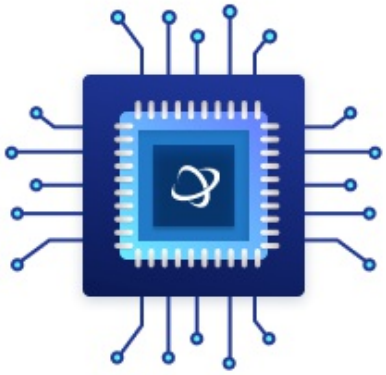
HMC536LP2E

Data Sheet

GaAs MMIC POSITIVE CONTROL T/R SWITCH, DC - 6.0 GHz

Manufacturers	Analog Devices, Inc
Package/Case	2X2 MM
Product Type	RF Switches
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC536LP2E or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The HMC536LP2(E) is a DC to 6 GHz GaAs MMIC T/R switch in leadless 2x2 mm DFN LP2 surface mount packages with an exposed ground paddle. The switch is ideal for cellular, WiMAX, & WiBro access point and subscriber applications featuring low 0.6 dB insertion loss and high +54 dBm input IP3. Power handling is excellent up through 6 GHz with the switch offering a P0.1dB compression point of +29 dBm at +3V and +33 dBm at +5V control. On-chip circuitry allows positive voltage control of 0/+3V or 0/+5V at very low DC currents. The HMC536LP2(E) occupies only 4 mm² and are ideal for applications where small size is required.

Features

Input P0.1dB: +33 dBm @ +5V

Insertion Loss: 0.6 dB

Positive Control: +3V or +5V

Isolation: 27 dB

2x2 mm Leadless DFNSMT Package, 4 mm²

Application

Cellular/PCS/3G Infrastructure

WiMAX, WiBro & Fixed Wireless

CATV/CMTS

Test Instrumentation

Related Products

HMC3653LP3BE

Analog Devices, Inc

QFN-12

HMC441LP3E

Analog Devices, Inc

QFN-16

[HMC253AQS24]

Analog Devices, Inc

24-SSOP (0.154, 3.90mm Width)

[HMC948LP3E]

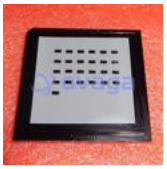
Analog Devices, Inc

LP3

[HMC358MS8GE]

Analog Devices, Inc

MSOP-8



[HMC490]

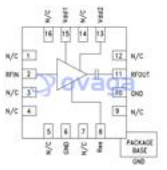
Analog Devices, Inc

SMD

[HMC453ST89E]

Analog Devices, Inc

ST89E



[HMC618ALP3E]

Analog Devices, Inc

QFN-16