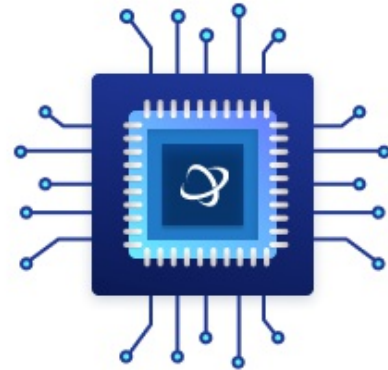


GaAs pHEMT SPDT Non-Reflective Switch, 0.1 - 20 GHz

Manufacturers	Analog Devices, Inc
Package/Case	CHIPS OR DIE
Product Type	Switches
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for HMC347B or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC347B is a broadband non-reflective GaAs pHEMT SPDT MMIC chip. Covering 0.1 to 20 GHz, the switch offers high isolation and low insertion loss. The switch features over 52 dB isolation at lower frequencies and over 45 dB at higher frequencies due to the implementation of on-chip via hole structures. The switch operates using two negative control voltage logic lines of -5/0V, requires no V_{ee} and has no current consumption. The switch operates down to 0.1 GHz. The chip features coplanar I/Os that allow 100% RF testing prior to delivery to the customer.

Applications

Fiber Optics

Microwave Radio

Military

Space

VSAT

Features

High Isolation:45 dB @ 20 GHz

Low Insertion Loss:1.7 dB @ 20 GHz

Non-Reflective Design

Small Size:1.3 x 0.85 x 0.1 mm

Application

Fiber Optics

Microwave Radio

Military

Space

VSAT

Related Products



[HMC546MS8G](#)

Analog Devices, Inc
MSOP-8P



[LT8672HMS#WTRPBF](#)

Analog Devices, Inc
10-Lead MSOP



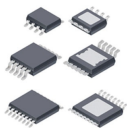
[LT8672HMS#WPBF](#)

Analog Devices, Inc
10-Lead MSOP



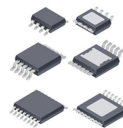
[LT8672HMS#TRPBF](#)

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[LTC7062HMSE#WTRPBF](#)

Analog Devices, Inc
12-Lead MSOP w/ EP



[LTC7062HMSE#WPBF](#)

Analog Devices, Inc
12-Lead MSOP w/ EP



[LTC7004HMSE#TRPBF](#)

Analog Devices, Inc
10-Lead MSOP w/ EP



[LTC7004HMSE#PBF](#)

Analog Devices, Inc
10-Lead MSOP w/ EP