
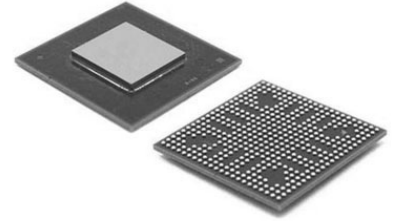


Active Filter Single Band Pass 1.9GHz 32-Pin LFCSP EP T/R

Manufacturer:	Analog Devices, Inc
Package/Case:	LFCSP-32
Product Type:	Active Filter
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The HMC890ALP5E is a monolithic microwave integrated circuit (MMIC), band-pass filter that features a user selectable pass-band frequency. The 3 dB filter bandwidth is approximately 10%. The ≥ 20 dB filter bandwidth is approximately 30%. The center frequency can vary between 1.0 GHz and 1.9 GHz by applying an analog tuning voltage between 0 V and 14 V. This tunable filter can be used as a much smaller alternative to physically large switched filter banks and cavity tuned filters.

The HMC890ALP5E has excellent microphonics due to the monolithic design, and provides a dynamically adjustable solution in advanced communications applications.

Key Features

Amplitude settling time: 200 ns

Excellent wideband rejection: ≥ 30 dB

Single chip replacement for mechanically tuned designs

32-lead 5 mm \times 5 mm RoHS compliant LFCSP package

Application

Test and measurement equipment

Military radar and electronic warfare/electronic countermeasures

Satellite communications and space

Industrial and medical equipment

Recommended For You

HMC900LP5E

Analog Devices, Inc

QFN

HMC882LP5ETR

Analog Devices, Inc

DETAIL

HMC1044LP3ETR

Analog Devices, Inc

QFN

HMC892ALP5E

Analog Devices, Inc
LFCSP-32

HMC881LP5ETR

Analog Devices, Inc
QFN

HMC882ALP5E

Analog Devices, Inc
LFCSP32

HMC1000LP5ETR

Analog Devices, Inc
SMD

HMC890ALP5ETR

Analog Devices, Inc
LFCSP-32

HMC891LP5ETR

Analog Devices, Inc
QFN

HMC895LP4ETR

Analog Devices, Inc
QFN

HMC894LP5ETR

Analog Devices, Inc
QFN

HMC896LP4ETR

Analog Devices, Inc
SMD

HMC892LP5ETR

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