
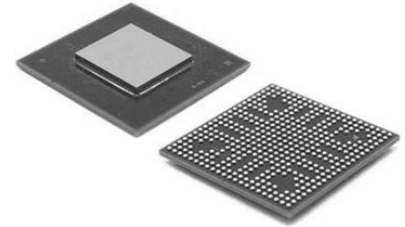


Quadrature Dmod 6GHz 24-Pin LFCSP EP T/R

Manufacturer:	Analog Devices, Inc
Package/Case:	LFCSP24
Product Type:	RF Integrated Circuits
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The ADL5380 is a broadband quadrature I-Q demodulator that covers an RF/IF input frequency range from 400 MHz to 6 GHz. With a = 11.6 dBm, and >S, (to increase supply current and improve IIP3) or to ground (which decreases supply current at the expense of IIP3). The ADL5380 is fabricated using the Analog Devices, Inc., advanced silicon-germanium bipolar process and is available in a 24-lead exposed paddle LFCSP.

Key Features

Operating RF and LO frequency: 400 MHz to

Input IP3

Input IP2: >65 dBm @ 900 MHz

Input P1dB (IP1dB): 11.6 dBm @ 900 MHz

Voltage conversion gain: ~7 dB

Demodulation bandwidth: ~390 MHz

Noise figure (NF)

Quadrature demodulation accuracy @

Baseband I/Q drive: 2 Vp-p into 200 Ω

Single 5 V supply

Application

Cellular W-CDMA/GSM/LTE

Microwave point-to-(multi)point radios

Broadband wireless and WiMAX

Recommended For You

ADF4153BCPZ

Analog Devices, Inc
QFN

ADF5355BCPZ

Analog Devices, Inc
LFCSP32

AD8318ACPZ

Analog Devices, Inc
LFCSP

AD6620ASZ

Analog Devices, Inc
QFP

ADF4107BCPZ

Analog Devices, Inc
QFN

ADL5513ACPZ-R7

Analog Devices, Inc
LFCSP-16

AD8319ACPZ

Analog Devices, Inc
LFCSP

ADRF6755ACPZ

Analog Devices, Inc
QFN

ADL5535ARKZ-R7

Analog Devices, Inc
SOT89

AD608AR

Analog Devices, Inc
SOP16

ADF4107BRUZ-REEL7

Analog Devices, Inc
TSSOP16

ADRF6780ACPZN

Analog Devices, Inc
QFN

AD8317ACPZ

Analog Devices, Inc
LFCSP

AD608ARZ

Analog Devices, Inc
SOP16

AD8318ACPZ-REEL7

Analog Devices, Inc
LFCSP