
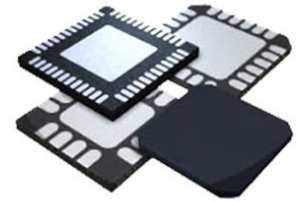


Clock Generator 10MHz to 1.3GHz-IN 32-Pin LFCSP EP Cut Tape

Manufacturer:	Analog Devices, Inc
Package/Case:	QFN
Product Type:	Clock & Timer ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The HMC698LP5(E) is a frequency synthesizer with a wideband reversible polarity digital PFD and lock detect output. The divider operates unconditionally from 80 - 7000 MHz with a continuous integer division ratio of 12 to 259. The HMC698LP5(E) high frequency operation along with ultra low phase noise floor make possible synthesizers with wide loop bandwidth and low N resulting in fast settling and very low phase noise. When used in conjunction with a differential loop filter, the HMC698LP5(E) can be used to phase lock a VCO to a reference oscillator.

Key Features

- Ultra Low SSB Phase Noise Floor:-153 dBc/Hz @ 10 kHz offset @ 100 MHz Reference Frequency.
- Programmable Divider>
- Open Collector Output Buffer Amplifiers for Interfacing w/ Op-Amp Based Loop Filter
- Reversible Polarity PFD w/ Lock Detect Output
- 32 Lead 5x5mm SMT Package: 25mm²

Application

- Satellite Communication Systems
- Point-to-Point Radios
- Military Applications
- Sonet Clock Generation

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