

Clock Generator 20MHz to 8GHz-IN 325MHz-OUT 20-Pin LFCSP EP Tray



Images are for reference only

[Inquiry](#)

Manufacturer: [Analog Devices, Inc](#)

Package/Case: LFCSP-20

Product Type: Clock & Timer ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

ADF4108BCPZ is a frequency synthesizer integrated circuit (IC) manufactured by Analog Devices Inc. It is a member of the ADF4108 family of high-performance, dual-modulus prescalers, and is designed for use in various wireless communication systems and other frequency synthesis applications.

Key Features

Frequency range: 30 MHz to 8.5 GHz

Dual-modulus prescaler: 8/9 or 16/17

Programmable fractional-N or integer-N PLL

Low phase noise performance

On-chip VCO with output frequency range of 3.2 GHz to 4.4 GHz

SPI and parallel interface for control and programming

Application

Wireless communication systems such as base stations, repeaters, and mobile devices

Satellite communication systems

Instrumentation and test equipment

Radar and avionics systems

Medical imaging equipment



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

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