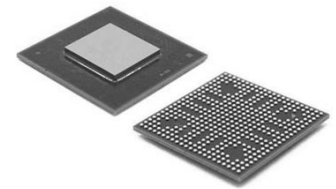



**Clock Generator 10MHz to 250MHz-IN 1800MHz-OUT 24-Pin  
LFCSP EP T/R**



Images are for reference only

[Inquiry](#)

<b>Manufacturer:</b>	<a href="#">Analog Devices, Inc</a>
<b>Package/Case:</b>	LFCSP24
<b>Product Type:</b>	Discrete Semiconductor Modules
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active

## General Description

The ADF4360-7 is an integrated integer-N synthesizer and voltage controlled oscillator (VCO). The ADF4360-7 center frequency is set by external inductors. This allows a frequency range of between 350 MHz to 1800 MHz. In addition, a divide-by-2 option is available, whereby the user receives an RF output of between 175 MHz and 900 MHz.

Control of all the on-chip registers is through a simple 3-wire interface. The device operates with a power supply ranging from 3.0 V to 3.6 V and can be powered down when not in use.

## Key Features

- Output frequency range: 350 MHz to 1800 MHz
- Divide-by-2 output
- 3.0 V to 3.6 V power supply
- 1.8 V logic compatibility
- Integer-N synthesizer
- Programmable dual-modulus prescaler 8/9, 16/17
- Programmable output power level
- 3-wire serial interface
- Analog and digital lock detect
- Hardware and software power-down mode

## Application

- Wireless handsets (DECT, GSM, PCS, DCS, WCDMA)
- Test equipment
- Wireless LANs
- CATV 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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