


Clock Generator 10MHz to 250MHz-IN 4400MHz-OUT 32-Pin LFCSP EP Tray



Images are for reference only

[Inquiry](#)

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

General Description

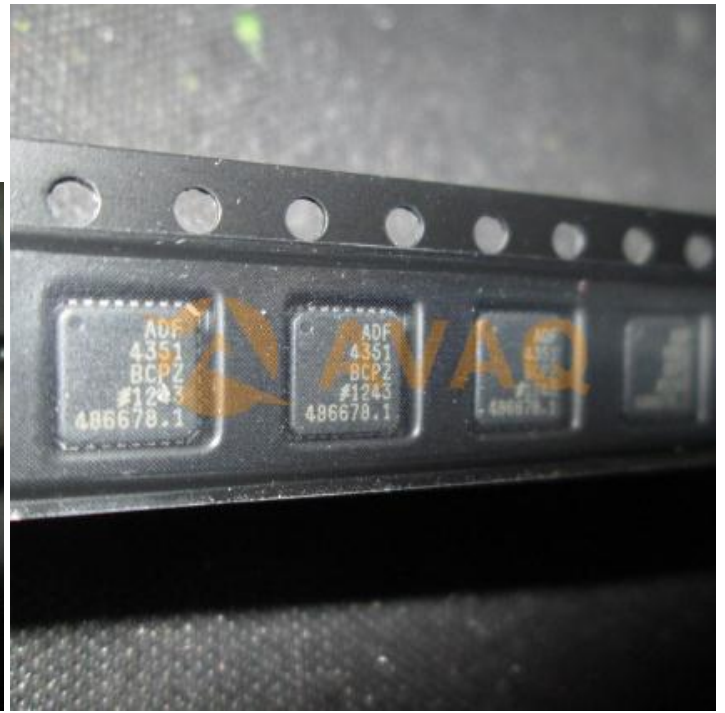
ADF4351BCPZ is a high-performance frequency synthesizer chip manufactured by Analog Devices. It is a fractional-N PLL (Phase-Locked Loop) synthesizer that can generate frequencies from 35 MHz to 4.4 GHz. The chip has an integrated VCO (Voltage Controlled Oscillator) and can operate from a 3.0 V to 3.6 V power supply.

Key Features

- Frequency range: 35 MHz to 4.4 GHz
- Fractional-N synthesizer with 45-bit resolution
- Integrated VCO with a range of 3400 MHz to 4400 MHz
- RF output power up to +5 dBm
- Low phase noise performance
- Flexible reference input support (external or internal)
- Programmable output power and phase
- Integrated RF power detector

Application

- Wireless communication systems (e.g., cellular base stations, wireless LANs, and satellite communication)
- Test and measurement equipment (e.g., signal generators and frequency synthesizers)
- Radar systems
- Aerospace and defense applications
- Industrial automation and control systems



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