
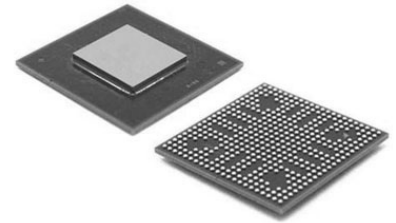


Clock Generator 10MHz to 4GHz-IN 20-Pin LFCSP EP Tray

Manufacturer:	Analog Devices, Inc
Package/Case:	LFCSP20
Product Type:	Clock & Timer ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

A key feature of the ADF4154 is the fast-lock mode with a built-in timer. The user can program a predetermined count-down time value so that the PLL will remain in wide bandwidth mode, instead of having to control this time externally.

Control of all on-chip registers is via a simple 3-wire interface. The device operates with a power supply ranging from 2.7 V to 3.3 V, and can be powered down when not in use.

Key Features

RF bandwidth 500 MHz to 4 GHz

2.7 V to 3.3 V power supply

Separate VP allows extended tuning voltage

Programmable dual-modulus prescaler 4/5, 8/9

Programmable charge pump currents

3-wire serial interface

Analog and digital lock detect

Power-down mode

Pin compatible with the ADF4110/ADF4111/ADF4112/ADF4113/ADF4106 and ADF4153

Programmable modulus on fractional-N synthesizer

Trade-off noise versus spurious performance

Fast-lock mode with built-in timer

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