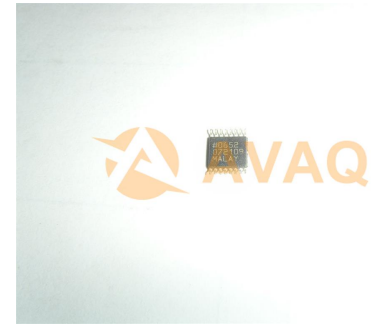


Clock Generator 5MHz to 200MHz-IN 16-Pin TSSOP Tube

Manufacturer:	Analog Devices, Inc
Package/Case:	TSSOP16
Product Type:	Clock & Timer ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The ADF4001 frequency synthesizer can be used to implement clock sources for PLLs that require very low noise, stable reference signals. It consists of a low-noise digital PFD (Phase Frequency Detector), a precision charge pump, a programmable reference divider, and a programmable 13-bit N counter. In addition, the 14-bit reference counter (R Counter), allows selectable REFIN frequencies at the PFD input. A complete PLL (Phase-Locked Loop) can be implemented if the synthesizer is used with an external loop filter and VCO (Voltage Controlled Oscillator) or VCXO (Voltage Controlled Crystal Oscillator). The N min value of 1 allows flexibility in clock generation.

Key Features

200 MHz Bandwidth

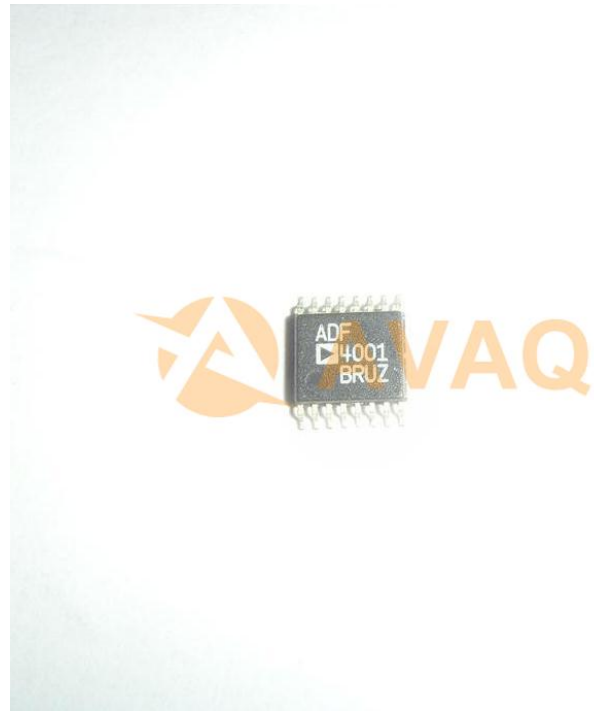
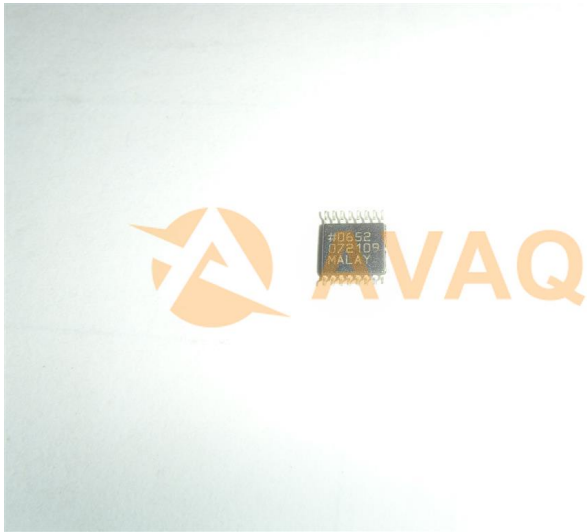
2.7 V to 5.5 V Power Supply

Programmable Charge Pump Currents

3-Wire Serial Interface

Hardware and Software Power-Down Mode

Analog and Digital Lock Detect



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