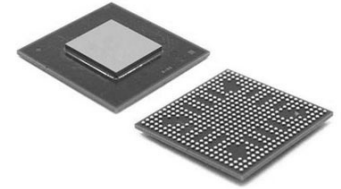


Clock Generator 0MHz to 2.4GHz-IN 2400MHz-OUT 64-Pin LFCSP EP Tray



Images are for reference only

[Inquiry](#)

Manufacturer: [Analog Devices, Inc](#)

Package/Case: LFCSP

Product Type: Clock & Timer ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The AD9520 serial interface supports both SPI and I²C ports. An in-package EEPROM can be programmed through the serial interface and store user-defined register settings for power-up and chip reset. The AD9520 features 12 LVPECL outputs in four groups. Any of the 1.6 GHz LVPECL outputs can be reconfigured as two 250 MHz CMOS outputs. Each group of outputs has a divider that allows both the divide ratio (from 1 to 32) and the phase (coarse delay) to be set. The AD9520 is available in a 64-lead LFCSP and can be operated from a single 3.3 V supply. The external VCO can have an operating voltage up to 5.5 V. A separate output driver power supply can be from 2.375 V to 3.465 V. The AD9520 is specified for operation over the standard industrial range of -40°C to +85°C.¹ The AD9520 is used throughout this data sheet to refer to all the members of the AD9520 family. However, when AD9520-3 is used, it is referring to that specific member of the AD9520 family.

Application

Low jitter, low phase noise clock distribution

Clock generation and translation for SONET, 10Ge, 10G FC, and other 10 Gbps protocols

Forward error correction (G.710)

Clocking high speed ADCs, DACs, DDSs, DDCs, DUCs, MxFEs

High performance wireless transceivers

ATE and high performance instrumentation

Broadband infrastructures

Recommended For You

AD9517-3ABCPZ

Analog Devices, Inc
QFN

AD9954YSV

Analog Devices, Inc
QFP

ADCLK914BCPZ-WP

Analog Devices, Inc
LFCSP-16

AD7008JP50

Analog Devices, Inc
PLCC44

AD9952YSV

Analog Devices, Inc
QFP

AD9516-3BCPZ

Analog Devices, Inc
QFN

ADCLK944BCPZ-R2

Analog Devices, Inc
LFCSP16

AD9577BCPZ

Analog Devices, Inc
LFCSP-40

AD9543BCPZ

Analog Devices, Inc
LFCSP-48

AD9853AS

Analog Devices, Inc
QFP

ADN2805ACPZ

Analog Devices, Inc
LFCSP

AD9515BCPZ-REEL7

Analog Devices, Inc
LFCSP-32

ADN2807ACPZ

Analog Devices, Inc
48-LFCSP

AD9520-4BCPZ

Analog Devices, Inc
LFCSP

AD9831AST

Analog Devices, Inc
QFP