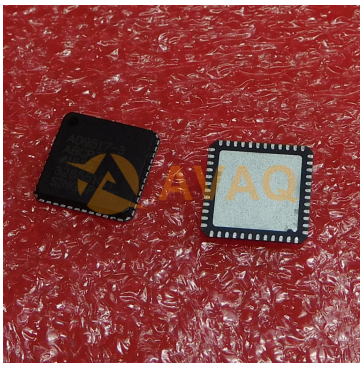
AD9517-3ABCPZ

Clock Generator 0MHz to 2.4GHz-IN 2950MHz-OUT 48-Pin LFCSP EP Tray

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



Images are for reference only

Inquiry

General Description

AD9517-3ABCPZ is a high-performance clock distribution IC (integrated circuit) designed by Analog Devices, a leading semiconductor company. It is specifically designed for applications requiring multiple low-jitter clock outputs, such as wireless infrastructure, instrumentation, and data acquisition systems.

Key Features

12 LVPECL, LVDS, or CMOS outputs

Input clock frequency range: 8 kHz to 2.2 GHz

Output clock frequency range: 8 kHz to 1.1 GHz

RMS jitter: 0.11 ps (typical) at 622.08 MHz

Phase noise: -160 dBc/Hz at 10 kHz offset from 622.08 MHz carrier

Digital PLL for frequency synthesis and jitter attenuation

Flexible input buffer to accept a variety of input signal types and amplitudes

3.3 V operation

Application

Wireless infrastructure

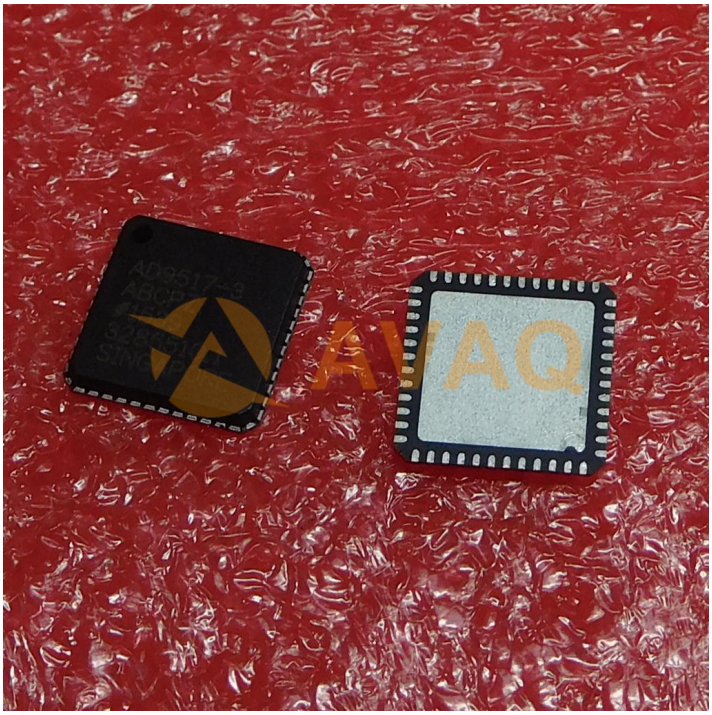
Instrumentation

Data acquisition systems

Test and measurement equipment

Clock and data distribution in communication systems

High-speed digital-to-analog converters (DACs)



Recommended For You

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

ADN2855ACPZ

Analog Devices, Inc

LFCSP32