

14-Output Clock Generator with Integrated 1.6 GHz VCO

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	LFCSP64
Product Type	Clock & Timer ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for AD9516-4BCPZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

AD9516-4BCPZ is a high-performance clock distribution IC (integrated circuit) designed by Analog Devices Inc. It is a member of the AD951x family of clock distribution ICs and provides four outputs from a low-noise PLL (phase-locked loop) multiplier with integrated VCXO (voltage-controlled crystal oscillator).

## Features

- Four outputs with low-jitter, low-phase noise clock signals
- Flexible input options: 1 differential or 2 single-ended inputs
- PLL bandwidth: up to 2 GHz
- Programmable output frequency: up to 1.4 GHz
- Integrated 12-bit DAC for fine-tuning of VCXO frequency
- Low power consumption
- Industrial temperature range: -40°C to +85°C
- 48-lead LFCSP (lead-frame chip-scale package)

## Application

- Test and measurement equipment
- Wireless infrastructure
- Medical imaging and diagnostic equipment
- Industrial automation and control
- Data acquisition and signal processing



**Related Products**



[ADF4350BCPZ](#)  
Analog Devices, Inc  
LFCSP-32



[ADF4111BRUZ](#)  
Analog Devices, Inc  
TSSOP-16



[ADF4113BRUZ](#)

Analog Devices, Inc  
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[ADF4116BRUZ](#)

Analog Devices, Inc  
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[ADF4110BRUZ](#)

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[ADF4193BCPZ](#)

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LFCSP-32



[AD2S99BPZ](#)

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PLCC-20



[AD9528BCPZ](#)

Analog Devices, Inc  
72-VFQFN, CSP