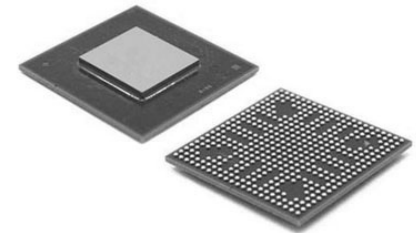


ANALOG DEVICES AD9979BCPZ CCD Signal Processor, 14Bit, 65MHz, 1.6V to 2V, LFCSP-48



Images are for reference only

Manufacturers	Analog Devices, Inc
Package/Case	LFCSP-48
Product Type	Special Function
RoHS	Rohs
Lifecycle	

Please submit RFQ for AD9979BCPZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The analog front end includes black-level clamping, CDS, VGA, and a 65 MSPS, 14-bit analog-to-digital converter (ADC). The timing driver provides the high speed CCD clock drivers for RG, HL, and H1 to H4. Operation is programmed using a 3-wire serial interface.

Available in a space-saving, 7 mm × 7 mm, 48-lead LFCSP, the AD9979 is specified over an operating temperature range of -25°C to +85°C.

Applications

Professional HDTV camcorders

Professional/high end digital cameras

Broadcast cameras

Industrial high speed cameras

Features

1.8 V analog and digital core supply voltage

Correlated double sampler (CDS) with -3 dB, 0 dB, +3 dB, and +6 dB gain

6 dB to 42 dB 10-bit variable gain amplifier (VGA)

14-bit 65 MHz analog-to-digital converter

Black-level clamp with variable level control

Complete on-chip timing generator

Precision Timing™ core with 240 ps resolution @ 65 MHz

On-chip 3 V horizontal and RG drivers

General-purpose outputs (GPOs) for shutter and system support

7 mm × 7 mm, 48-lead LFCSP

Internal LDO regulator circuitry

Application

Professional HDTV camcorders

Professional/high end digital cameras

Broadcast cameras

Industrial high speed cameras

Related Products



[ADV7181CBSTZ](#)
Analog Devices, Inc
LQFP-64



[AD8170AR](#)
Analog Devices, Inc
SOP8



[AD724JR](#)
Analog Devices, Inc
SOIC-16



[ADV7393BCPZ](#)
Analog Devices, Inc
LFCSP-VQ-40



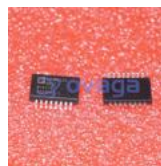
[ADV7391WBCPZ](#)
Analog Devices, Inc
LFSCP-3



[ADV7390BCPZ](#)
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QFN32



[ADV7341BSTZ](#)
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LQFP-64



[ADUM4160BRIZ](#)
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SOIC-16