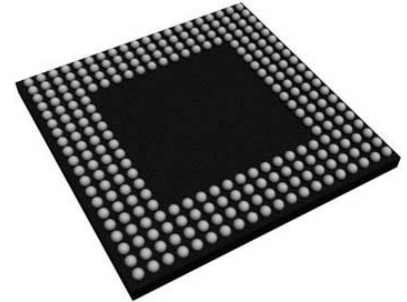


Dual HDMI Fast Switching Receiver with 12-Bit, 170 MHz Video and Graphics Digitizer and 3D Comb Filter Decoder

Manufacturers	Analog Devices, Inc
Package/Case	BGA-256
Product Type	Audio & Video Products ; Video Decoders
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADV7842KBCZ-5P or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADV7842 incorporates a dual input HDMI 1.4-compatible receiver that supports all HDTV formats up to 1080p and display resolutions up to UXGA (1600 × 1200 at 60 Hz).

The ADV7842 incorporates Xpressview™ fast switching on both input HDMI ports. Using the Analog Devices, Inc., hardware-based HDCP engine that minimizes software overhead, Xpressview technology allows fast switching between any HDMI input ports in less than 1 second.

Applications

Advanced TVs PDP HDTVs LCD TVs (HDTV ready) LCD/DLP® rear projection HDTVs CRT HDTVs LCoS™ HDTVs

AVR video receivers

LCD/DLP front projectors

HDTV STBs with PVR

Projectors

Features

Dual HDMI 1.4 fast switching receiver

170 MHz video and graphics digitizer

3D comb filter video decoder

SCART fast blank support

Adaptive HDMI equalizer

Integrated CEC controller

HDMI repeater support

Advanced VBI data slicer

256-ball, 17 mm × 17 mm BGA package

2:1 HDMI 1.4 225 MHz receiver Xpressview™ fast switching of HDMI ports

See data sheet for additional features

Application

Advanced TVs PDP HDTVs LCD TVs (HDTV ready) LCD/DLP® rear projection HDTVs CRT HDTVs LCoS™ HDTVs

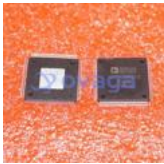
AVR video receivers

LCD/DLP front projectors

HDTV STBs with PVR

Projectors

Related Products



[ADV7630KSVZ](#)

Analog Devices, Inc
TQFP128



[ADV7511KSTZ-P](#)

Analog Devices, Inc
LQFP-100



[ADV7180BSTZ](#)

Analog Devices, Inc
LQFP-64



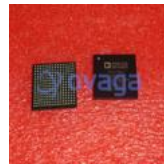
[ADV7180BCPZ](#)

Analog Devices, Inc
QFN-40



[ADV7511WBSWZ](#)

Analog Devices, Inc
LQFP-100



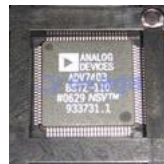
[ADV7842KBCZ-5](#)

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CSPBGA-256



[ADV7181BBSTZ](#)

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LQFP64



[ADV7403BSTZ-110](#)

Analog Devices, Inc
LQFP-100