

Video ICs MIPI DSI to HDMI TX

Manufacturers	Analog Devices, Inc
Package/Case	49WLCSP
Product Type	Audio & Video Products ; HDMI/DVI Transmitters
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADV7535BCBZ-RL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADV7535 provides a MIPI® display serial interface (MIPI/ DSI) input receiver and a High-Definition Multimedia Interface (HDMI®) transmitter output. The DSI receiver input supports DSI video mode operation only, and specifically, only supports non-burst mode with sync pulses. The DSI receiver provides up to four lanes of MIPI/DSI data, each running up to 891 Mbps. The HDMI transmitter supports video resolutions up to a maximum TMDS clock frequency of 148.5 MHz. The ADV7535 also provides an audio input port, which supports the insertion of audio into the HDMI stream.

Fabricated in an advanced CMOS process, the ADV7535 is available in a space saving, 49-ball, WLCSP surface-mount package. This package is RoHS-compliant and specified to operate from -10°C to +85°C.

Features

- Low power MIPI/DSI receiver
- Low power HDMI/DVI transmitter ideal for portable applications
- CEC controller and expanded message buffer (3 messages) reduces system overhead
- Compatible with DVI v.1.0
- Embedded HDCP keys to support HDCP 1.3
- 1.8 V and 3.3 V supplies for ultralow operating power
- Audio inputs accept logic levels from 1.8 V to 3.3 V
- See data sheet for additional features

Application

- Mobile devices
- Cellular handsets
- Digital video cameras
- Digital still cameras
- Personal media players
- Gaming

Related Products



[ADAU1452WBCPZ](#)

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LFCSP72



[AD1851RZ](#)

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