

MIPI-HDMI

User Manual

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What is MIPI-HDMI

MIPI-HDMI is MIPI DSI to HDMI converter based on LT8912B

The features of MIPI-HDMI are:

- 15 pin FPC connector pin to pin compatible with ESP32-P4-DevKit, Raspberry PI 1,2,3,4
- HDMI connector
- One-Channel MIPI DSI Receiver Compliant with D-PHY1.1 and DSI1.02 1 clock lane and 1~4 configurable data lanes
- 80Mbps~1.5Gbps per data lane Only Continuous clock mode supported
- HDMI Transmitter Support HDMI1.4
- Up to 60Hz 1080p 8-bit HDMI output
- Dimensions: 60 x 24 mm

MIPI-HDMI is Open Source Hardware, all CAD files and firmware and available, so people can study and modify.

Order codes for MIPI-HDMI and accessories:

MIPI-HDMI	MIPI-HDMI development board
FPC-15-1.0-150	Flat cable for connection MIPI-HDMI
CABLE-HDMI-50CM	HDMI cable

HARDWARE

MIPI-HDMI layout:



Revision History

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