

LT8612X-M --- Product Brief

HDMI-HDMI/VGA Converter

Features

- z Supports both HDMI output, VGA output or YPbPr output simultaneously, enables multi-standard outputs
- z HDMI receiver with equalizer, supports 300MHz HDMI clock
- z HDMI receiver core compliant with HDMI1.4 specification.
- z Supports 3D format
- z HDMI transmitter core compliant with HDMI1.4 specification.
- z Triple 10-bit DACs, support separated SYNC mode and SOG mode.
- z HDCP engine compliant with HDCP1.4 specification
- z Supports CEC while using an external MCU
- z Integrated MCU for control

Description

The LT8612X-M is an HDMI to HDMI and VGA/YPbPr converter, converts High Definition Multimedia Interface (HDMI) data stream to standard High Definition Mu toHDMI) signal and analog RGB/YUV signals.

Standard HDMI uses 19 lines to implement data transmission. The LT8612X-M uses the latest ClearEdge™ Technology to implement the conversion of HDMI source * -.01(e)1.6(vices, to H)-5.8(D).9(M)-8.3(l)-3.3(devices)-6.

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