

LT8612X-M --- Product Brief

HD-DVI to HD-DVI/VGA Converter

1. Features

- Compliant with HD-DVI1.4 and HDCP1.4
- HD-DVI input resolution up to 1080p@60Hz
- HD-DVI output resolution up to 1080p@60Hz
- VGA output throughput up to 200MSPS
- YPbPr output resolution up to 1080P@60Hz
- Supports 3D format
- Supports CES (Consumer Electronics Service)
- Integrated MCU for control
- Internal MCU
- Integrated MCU for control

2. General Description

The LT8612X-M is HD-DVI to HD-DVI&VGA/YPbPr converter, which converts HD-DVI data streams to standard HD-DVI signals and analog RGB/YUV signals.

The LT8612X-M uses the latest ClearEdge™ Technology to expand a VGA/YPbPr interface in addition to original HD-DVI interface.

3. Applications

- NVR/DVR
- PC, Laptop Mother Boards
- HD-DVI to VGA/YPbPr Dongle
- Car Entertainment System

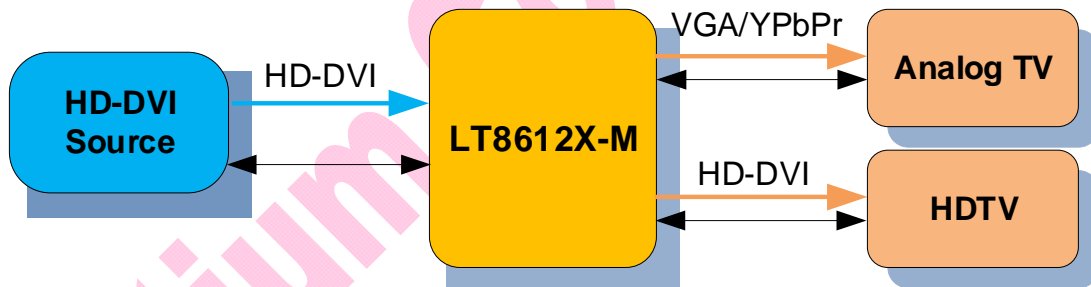


Figure 3.1 Application Diagram

4. Ordering Information

Table 4.1 Ordering Information

Part Number	Operating Temperature Range	Package	Packing Method	MPQ
LT8612X-M	-40°C to +85°C	QFN76 (9*9)	Tray	2600pcs

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