

# LT8612X-M --- Product Brief

## HDMI-HDMI/VGA Converter

### 1. Features

- Compliant with HDMI1.4 and HDCP1.4
- HDMI input resolution up to 1080p@60Hz
- HDMI output resolution up to 1080p@60Hz
- VGA output throughput up to 200MSPS
- YPbPr output resolution up to 1080P@60Hz
- Supports 3D format
- Supports CEC
- Integrated MCU for control
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- Integrated MCU for control

### 2. General Description

The LT8612X-M is HDMI to HDMI&VGA/YPbPr converter, which converts High Definition Multimedia Interface (HDMI) data streams to standard High Definition Multimedia Interface (HDMI) signals and analog RGB/YUV signals.

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

### 3. Applications

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

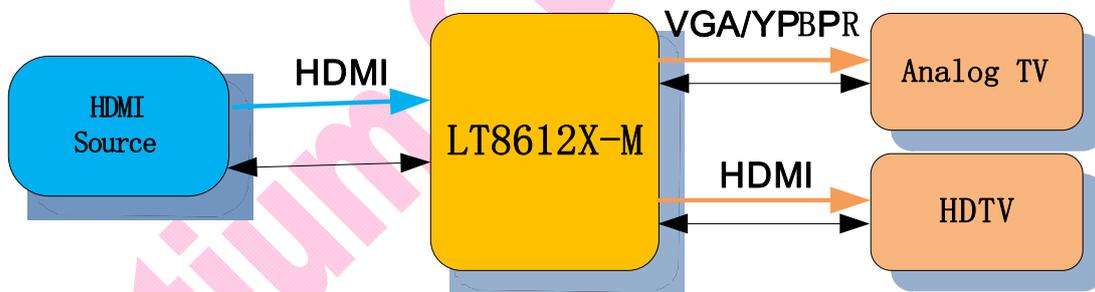


Figure 3.1 Application Diagram

### 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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