

HDMI 2.0 Receiver with MHL 2.0

Features

- HDMI 2.0 Specification, MHL 2.0 Specification and HDCP 1.4 Specification compliant
- 4 HDMI input ports, of which one is MHL compliant
- Deep color support – up to 48 bits
- Selectable audio interface (S/PDIF or I²S) for digital audio output
- 3D audio output support – up to 32 channels
- Full 3D HD video support
- Embedded CEC PHY
- Audio Return Channel support
- Integrated Fractional PLL for Audio Clock Regeneration
- Video resolutions – up to 4k×2k at 60 Hz
- RGB YCbCr 4:4:4/4:2:2/4:2:0 video format support
- APB interface for MCU access support
- Power-down mode support

Applications

- LCD Displays
- HDTV
- Projectors

Block Diagram

