

Key features:
1. Dual channel pass-through HDMI booster. Basic configuration can be set with jumpers (no need to use MCU)
2. PTN settings for both channels can be configured independently from MCU over I2C GPIO expander.
3. It is possible to communicate with MCU via USB (virtual UART) or with either of DDC channels
4. MCU's I2C bus can be connected to either of DDC channels. MCU can also disconnect DDC paths to override EDID settings
5. HPD (hot plug detect) inputs are accessible to MCU. HPDs also control standby mode for their respective booster channels
6. MCU can read and transmit CEC data for each channel independently

