

Product Brief:

HSMC DVI Interface

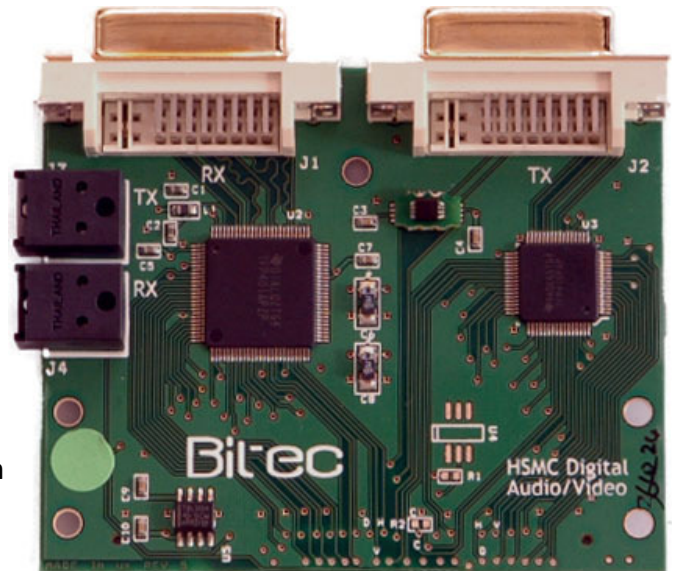


Features

- Digital Visual Interface Compliant (DVI 1.0)
- Supports resolutions from VGA to UXGA (1600x1200 & 1920x1080)
- 25 – 165 Mhz Pixel rates
- EDID data reading/writing
- Monitor detection through Hot-Plug
- S-PDIF Optical Tx and Rx

Applications

- Machine vision
- Video phone
- Remote image sensing
- Surveillance systems
- Biometrics
- Image recognition, filtering and compression
- Video streaming



Compatibility

- HSMC interface specification compliant (Cyclone, Arria & Stratix kits)
- Compatible with all ALTERA and third party dev kits with HSMC interface
- Example software for Quartus II
- Nois II examples provided

The Bitec HSMC DVI interface card is designed to allow developers access to high-quality, high resolution video signals in their FPGA designs. It integrates both a DVI receiver and transmitter onto the same card giving the flexibility required by high resolution image processing systems. The latest release hosts both TX and RX Optical S-PDIF interfaces for up to 15Mbps digital audio. Card is shipped with source code examples.

For more information www.bitec-dsp.com