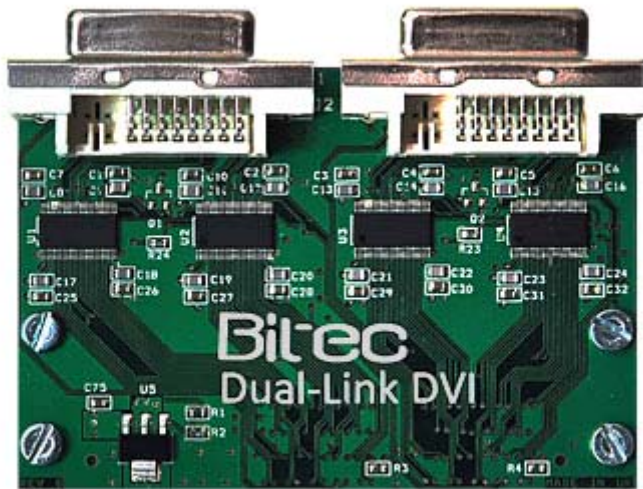


Product Brief:

HSMC DUAL CHANNEL DUAL-LINK DVI DAUGHTERCARD



Altera, MegaCore and the Altera and Cyclone logos are Reg. U.S. Pat. & Tm. Off. and marks of Altera in and outside the US

Features

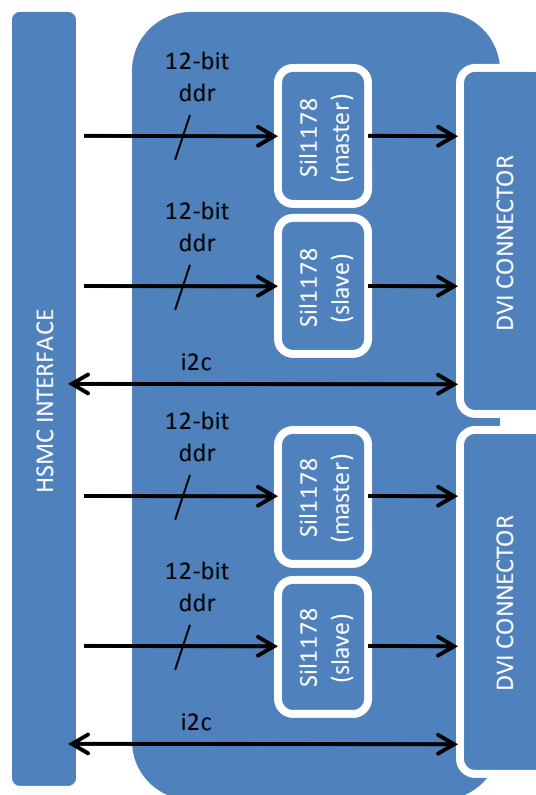
- Single link operation from 25-165 Megapixels per second (VGA to UXGA)
- Dual link operation up to 330 Megapixels per second (QUXGA - 3200x2400)
- EDID reading/writing
- 12-bit ($\frac{1}{2}$ pixel) DDR input with flexible input clocking: Single-clock/dual-edge or dual-clock/single-edge
- I2C slave programming interface
- Cable distance support: Over 10 m
- Monitor detection through Hot-Plug
- Compliant with DVI 1.0

The Bitec HSMC DUAL-LINK DVI output interface card enables designers to connect 2, high resolution displays. Based on the Silicon Image Sil1178, the daughter card has two

independant Dual-Link DVI transmitters both capable of up to 330 Mpps (QUXGA - 3200x2400) pixel rates.

The hsmc dvi daughter card also supports a serial eeprom for FPGA design security. Developers can distribute demonstrations of their IP locked to the hsmc bvdc card. For more information click [here](#).

Re-visit reguarly for future updates and reference design releases.



For more information <http://www.bitec-dsp.com>