

The AV830 is a high quality multi-video LCD driver card with an integrated 2:1 multiplex HDMI receiver. The card offers HDMI 1.3, DVI 1.0 and RGB decoding. It can either function as an intelligent display driver capable of driving most LCD panels, or used as a stand alone embedded image processing system.

Applications
LCD Driver
CCTV
Image Processing Systems

Features

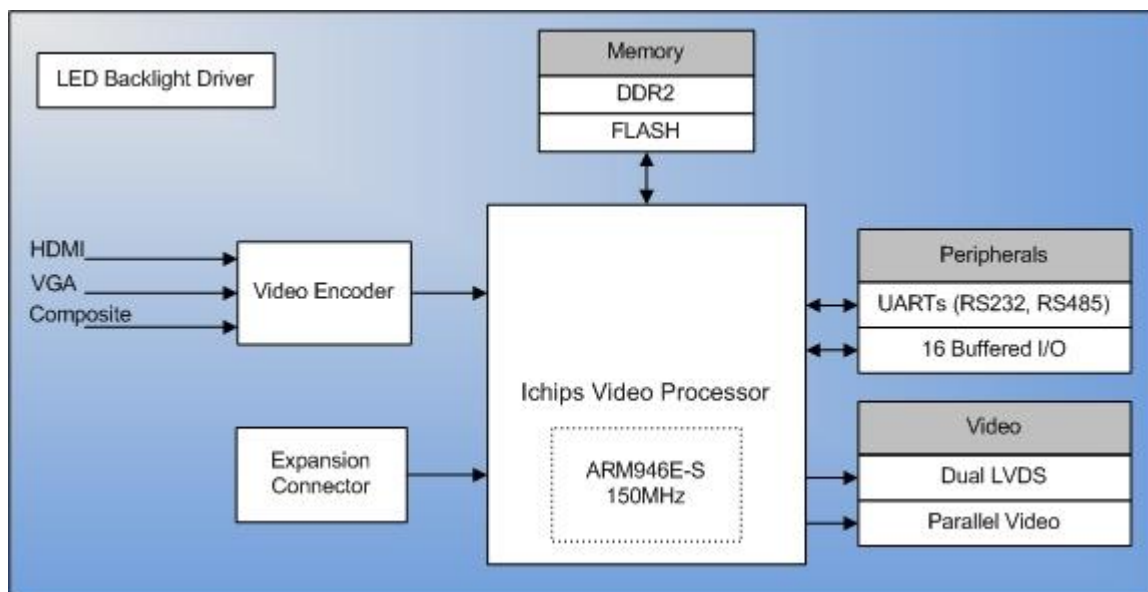
- IChips Video Processor
- HDMI/DVI/RGB Decoding
- Dual LVDS LCD Driver
- Parallel LCD Driver
- Two video streams for Picture in Picture
** (Requires an expansion module)

Connectivity

- Dual LVDS
- Parallel Video
- HDMI, VGA, Composite
- LVDS
- UARTS, I2C, SPI Communication Ports
- I/O Interface

Benefits

- 10-bit/color internal processing
- Support for all SD and HD interlaced inputs
- Two fully independent video channels
- MPEG Noise reduction
- PiP (Picture in Picture) & PoP (Picture over Picture)
- Dynamic Scaling



Contact Advanced Vision Technology for customised options.