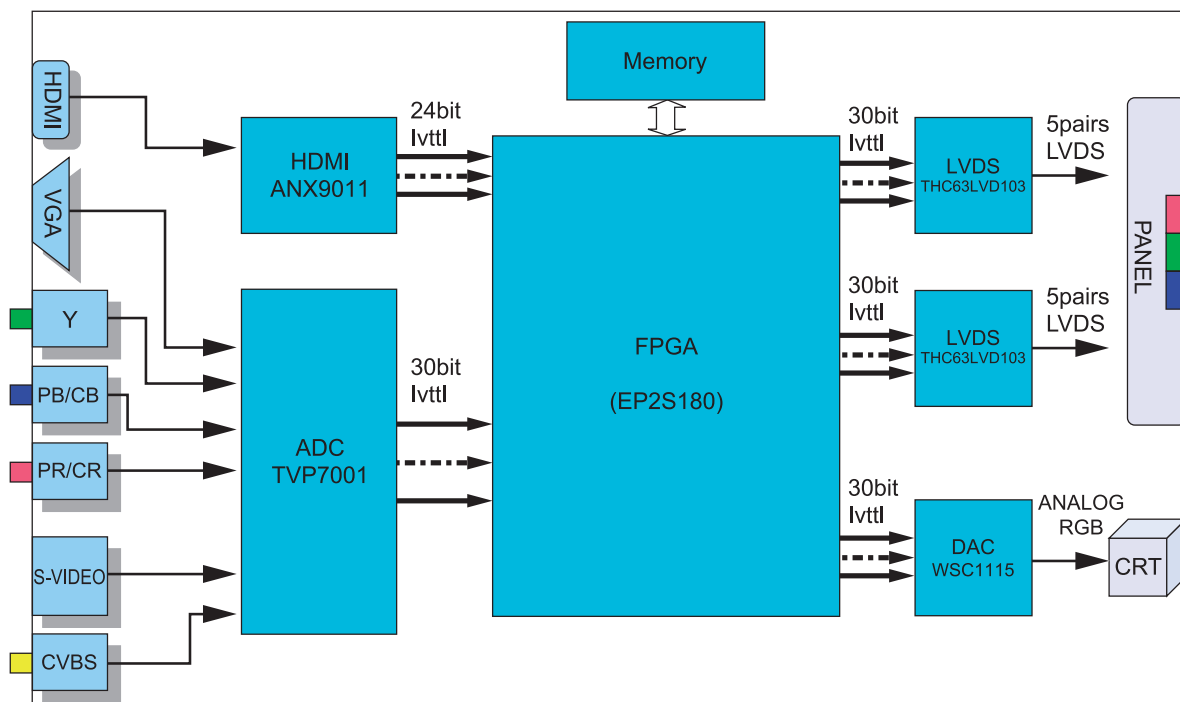


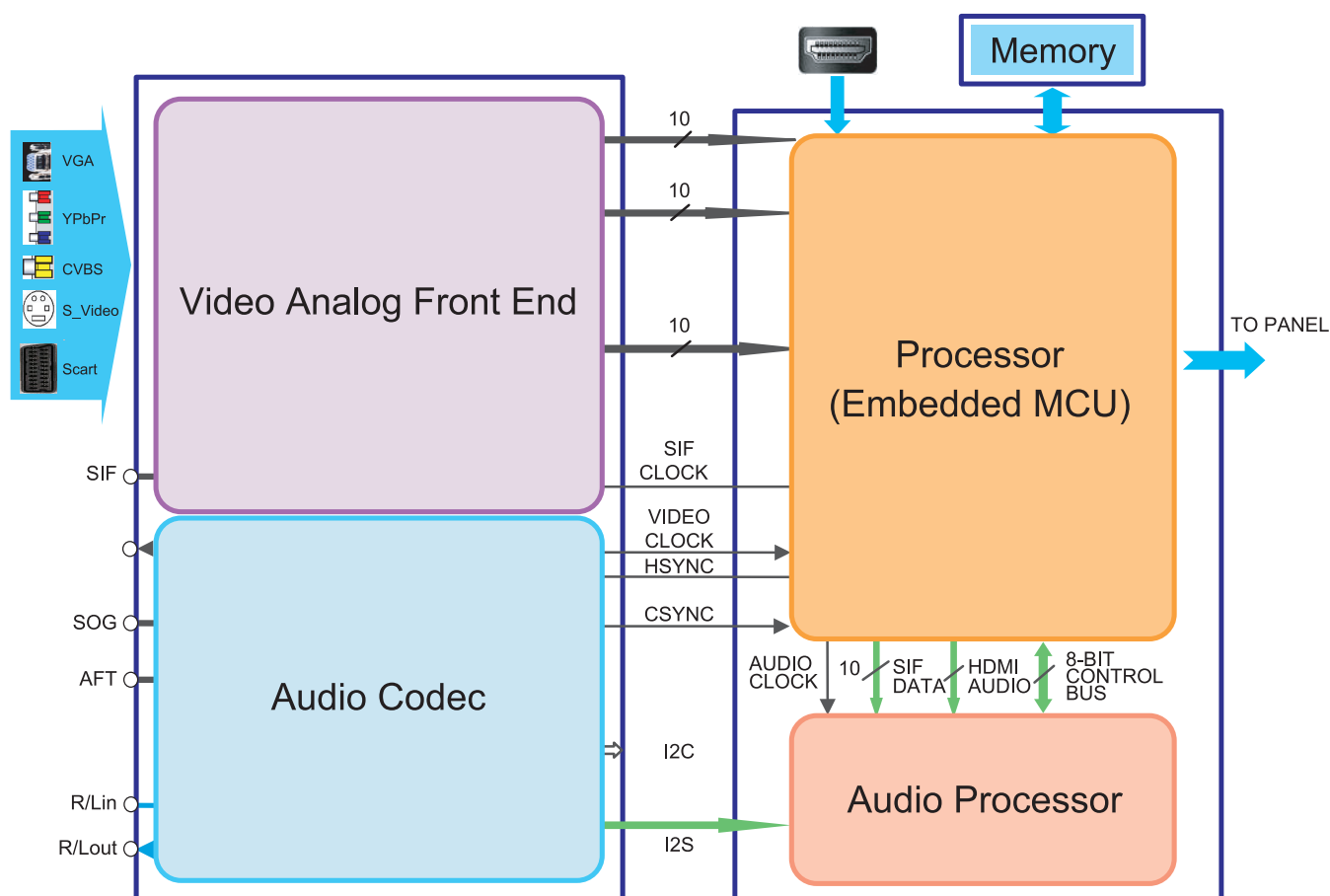
Video Processor Features

- ◆ Third generation advanced processing technology
 - ⦿ Full 10-bit processing
 - ⦿ Proprietary picture quality enhancement (depth of field and contrast)
 - ⦿ Frame rate conversion
 - ⦿ Auto detection and restoration of film mode
 - ⦿ High quality motion-adaptive de-interlace
 - ⦿ 3-D dynamic Noise Reduction
 - ⦿ High performance non-linear scalar
 - ⦿ Color temperature correction and white balance adjustment
 - ⦿ Sharpness and edge enhancement
- ◆ Embedded 2D/3D Video Decoder Technology
- ◆ Supports up to 1080P input (format optimization) and output
- ◆ HDMI support
- ◆ SIF input and virtual surround processing
- ◆ Graphics OSD
- ◆ Tele-text and Close-caption
- ◆ Embedded MCU
- ◆ Low power design

Video Processor FPGA Demo



TV Engine Solution



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