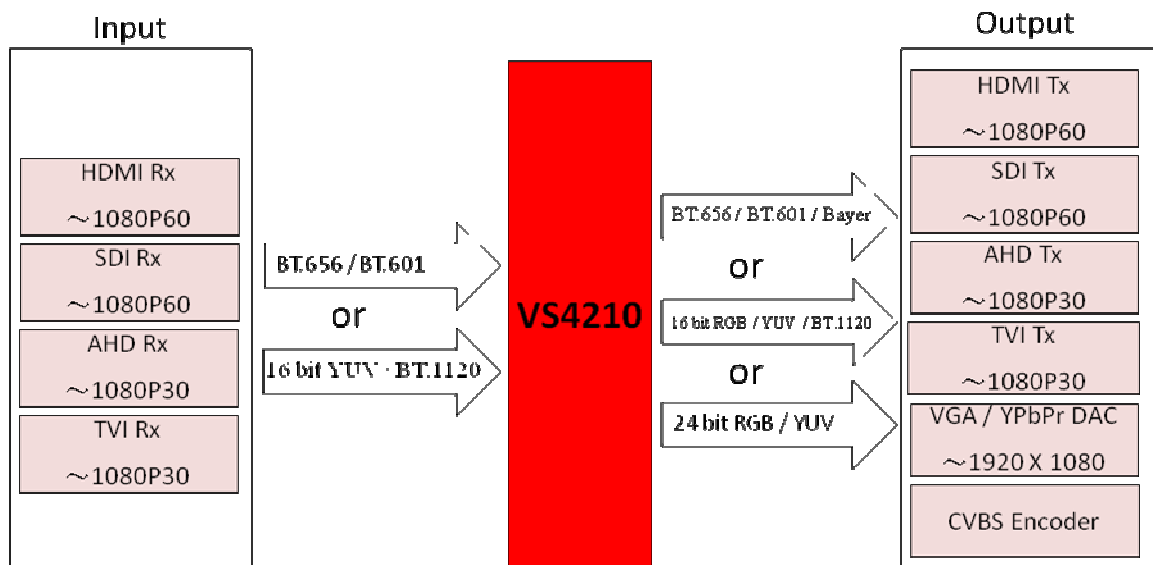




VXIS Technology Corporation

# VS4210

HIGH DEFINITION QUAD VIDEO PROCESSOR



## FEATURES

\* Support Four Digital Video Input.

Each Video can be the following format

- 8-bit progressive input with external sync or embedded sync
- 16-bit YUV/BT.1120 input
- Resolution up to 1080P

\* Support One Digital Video Output.

The Video Output Formats can be the following format

- 24/18/16-bit RGB + Horizontal Sync + Vertical Sync
- 24/18/16-bit 4:4:4 YUV + Horizontal Sync + Vertical Sync
- 24-bit 4:4:4 YPbPr + Horizontal Sync + Vertical Sync
- 16-bit 4:2:2 YUV + Horizontal Sync + Vertical Sync
- 8-bit YUV progressive / interlace
- Resolution up to 1080P

\* Quad Video Display. The video in each window can be selected from the four input video.

\* Full Screen display

\* Frame rate up-conversion to 60 Hz

\* Programmer Scaling Engine, Supporting progressive Output Resolution from 320X240 to 1920X1080

\* Brightness, Contrast, Saturation, and Hue Adjustment

\* Video Noise Reduction

\* Image flip, mirror, still

\* Host Interface Compatible with Two-Wire IIC, Serial Interface

\* OSD with 128 Build-in and 64 Programmable Font and Attribute Table, 16 Colors at same Time

from 16,777,216-Color Template, Blinking, and Blending

\* Embedded SDRAM

\* 1.8V / 3.3V power supply

\* 128pin LQFP

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