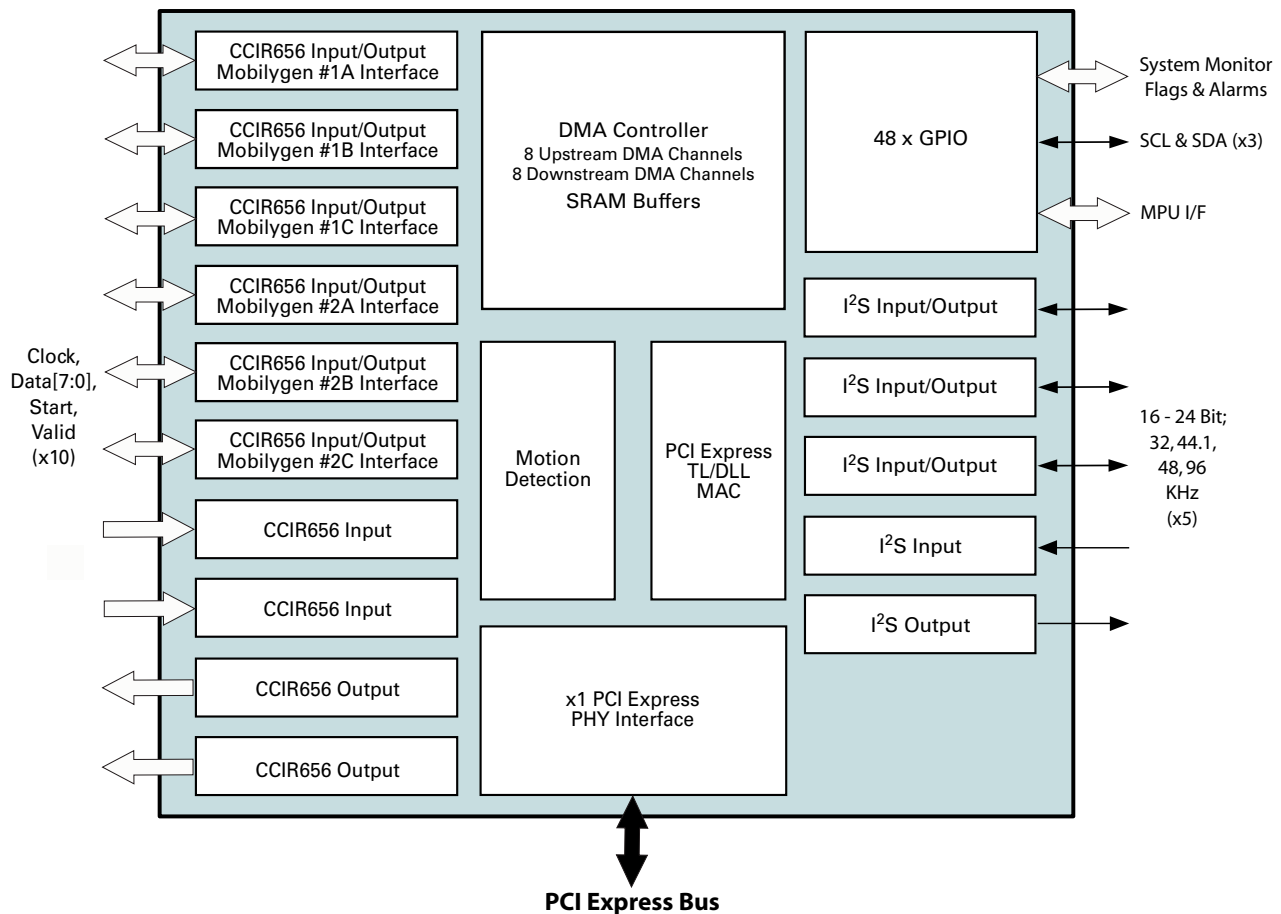




The CX25820/1 can downscale digital video from 4:2:2 format to 4:1:1, reducing the bandwidth from 16 to 12 bits per pixel and permitting additional uncompressed streams to be sent over the PCIe bus.

When properly configured, Conexant's CX25821 and CX25853 (8-channel video decoder) form a high-quality, two chip PC-DVR solution capable of capturing and bridging 8 channels of real-time, full D1 video to the host, with support for playback of 2 NTSC/PAL video channels from the host.



CX25821 Block Diagram

The CX25820 and CX25821 are offered in pin compatible, 14mm X 14mm, 233 pin fpBGA packages.

Conexant Product Portfolio

The company's broad portfolio of semiconductor products also includes client-side DSL, cable, and dial-up modem solutions; fiber optic system-on-chips; broadcast video encoders and decoders; digital set-top box components and systems solutions; and IEEE 802.11a/b/g/n-compliant WLAN chipsets. Additional products include a complete line of asymmetric and symmetric DSL central office solutions, which are used by service providers worldwide to deliver broadband data, voice, and video over copper telephone lines.

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