





## Features

### Processor

- 32-bit RISC architecture
- Digital signal processor (DSP) extensions

### External Memory Support

- DDR SDRAM
- Serial Flash
- NAND Flash
- Removable Flash Memory Cards (MS, SM, ST, MMC, xD, CF)
- SDIO expansion port

### Connectivity/Interfaces

- Integrated Ethernet MAC
- USB 2.0 high-speed device
- USB 2.0 high-speed hosts (3)
- Peripheral bus with direct memory access (DMA) support
- Multiple UARTs
- Parallel port

### Image Processor

- JPEG codec
- Programmable, Pipelined Image Processor
- Hardware rotation
- Color Space/Image Filter/Error Diffusion

### Display Support

- TFT LCD (Digital RGB)
- CCIR656
- QVGA/XGA Evaluation Modules

### Digital Camera Support

- Mass storage class
- Picture transfer protocol (PTP)

### Timers

- Real-time clock

### A/D and PWM Control

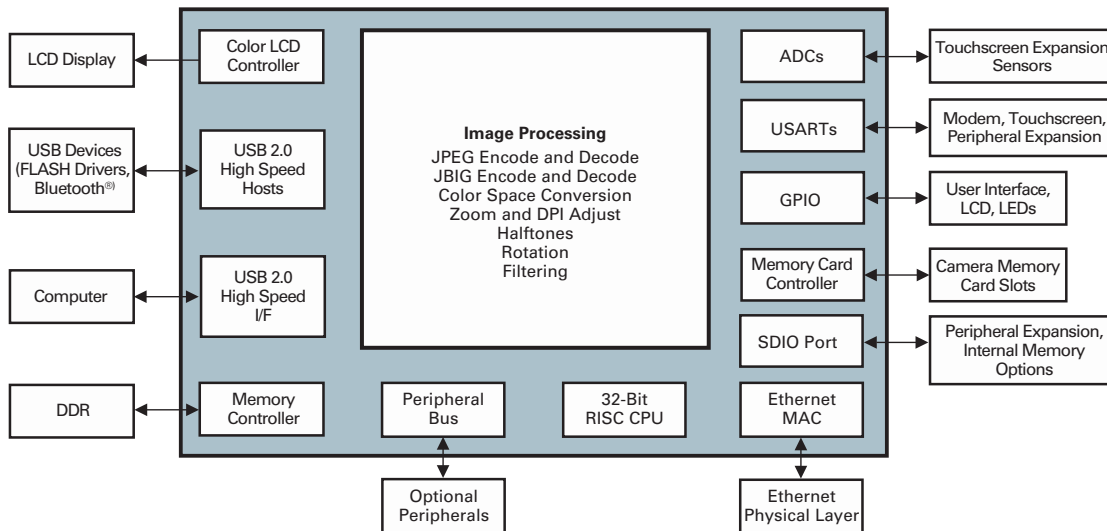
- Multi-channel 10-bit A/D
- Four pulse width modulators (PWMs) with firmware control
- PWM backlight control circuitry

### Package

- 329-pin ball grid array (BGA)

### Development Environment

- C/C++ Compiler/Assembler/Linker
- JTAG In-Circuit Emulator
- PC Command Line Debugger/Profiler
- Conexant's SigmaTel Product Line Development Environment



**CX92725 Block Diagram**

## Conexant Product Portfolio

Conexant's comprehensive product portfolio includes solutions for imaging, audio, and video applications, and analog modems that enable cost-effective Internet access. The company's broadband access products include end-to-end solutions for xDSL networks, and PON solutions for fiber optic applications.

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