





## Features

### Printer Support

- USB 2.0 high-speed and 10/100 Ethernet printing supported
- Scalable support for both graphics device interface (GDI) and page description language (PDL)-based printing

### Scanner Support

- Flatbed and automatic document feeder (ADF) scanners supported, including timing and motor control
- Charge-coupled device/contact image sensor (CCD/CIS) control
- Scan pre-processing supports gamma, shading, white-level and black-level corrections, 3xCIS data arrangement support

### Copier Support

- Up to 60 copies per minute (cpm) ADF multi-page monochrome copying at 600 dpi scan and print
- Independent finite impulse response (FIR) filters, color space conversion tables and dither tables for photo and text

### Fax Support

- Fax controller with complete protocol stack for leading Conexant fax modems

### External Memory Support

- DDR2-400 supported: Up to 1 Gb of system memory

### Connectivity/Interfaces

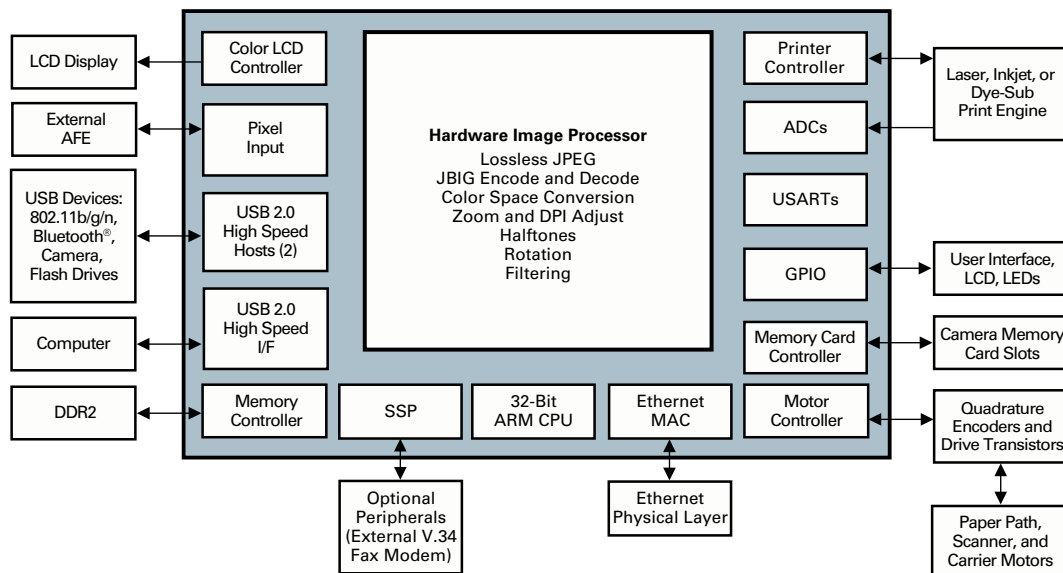
- USB 2.0 high-speed device and hosts
- Synchronous serial bus configurable for: 1-bit, 4-bit or 8-bit high-speed MMC/SD/SDIO; 4-bit or 8-bit CE-ATA mode; SPI; 1-bit MS; TI SSI
- I<sup>2</sup>C
- UARTs
- Thin Film Transistor (TFT) or Super-twisted Nematic Display (STN) graphical LCD controller

### Processor/CPU

- 32-bit, RISC microprocessor with Memory Management Unit (MMU) and vector floating point processor
- Compact 16-/32-bit bit instruction set, offering reduced code size and higher performance

### Development Environment

- Conexant's Integrated Development Environment (IDE)
- C/C++ Compiler/Assembler/Linker
- PC Command Line Debugger/Profiler
- JTAG Emulator/ICE and Debugger



**CX92125 Block Diagram**

## Conexant Product Portfolio

Conexant's comprehensive product portfolio includes solutions for imaging, audio, video and embedded-modem applications.

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