



Features

Printer Support

- Up to 120 pages per minute (ppm) tandem color laser printing of 4-bit contone data
- 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

- Up to 30 images per minute (ipm) color scanning at 600 dpi
- 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 30 copies per minute (cpm) ADF multi-page color copying at 600 dpi scan and print
- Tunable photo/text segmentation logic ensures best copy quality of mixed images
- 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

- DDR2-533 supported: Up to 1 GB of system memory
- Field upgradeable using DIMM

Connectivity/Interfaces

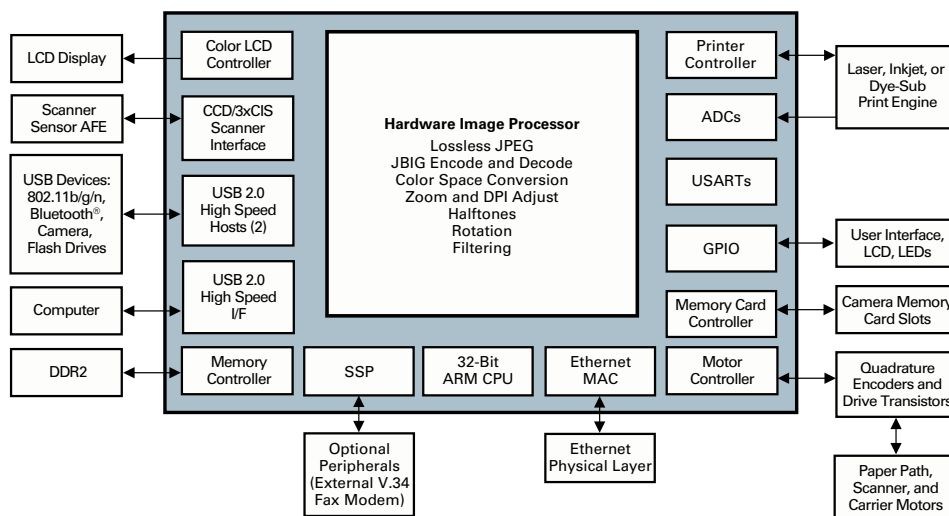
- USB 2.0 high-speed device and hosts
- Synchronous serial bus configurable for: 1-bit, 4-bit or 8-bit high-speed MMC/SD/SDIO; 4-bit or 8-bit CE-ATA mode; SPI; 1-bit MS; TI SSI
- I²C
- UARTs
- Thin Film Transistor (TFT) or Super-twisted Nematic Display (STN) graphical LCD controller

Processor/CPU

- 32-bit, RISC microprocessor with Memory Management Unit (MMU) and vector floating point processor
- Compact 16-/32-bit 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



CX92235 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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