



Entry Level Inkjet Photo All-in-One SoC

A Complete Controller Solution for Inkjet Photo All-in-Ones

Conexant's SigmaTel MFP solutions offer the highest level of integration for the lowest bill of materials (BOM) cost, providing photographic image quality for printing and copying. Our SoCs — comprised of powerful hardware image processing accelerators and codecs, high-bandwidth system I/O interfaces, and a 32-bit microprocessor core — combine with richly featured software development kits (SDKs) to enable a high-performance imaging solution with a fast time to market. The STDC1100 controller is a comprehensive solution for inkjet photo all-in-ones (AIOs).

- Lowers BOM costs due to the high levels of SoC integration
- Provides photographic quality prints and copies
- Connects and prints directly to most of the inkjet printheads on the market
- Supports advanced photo printing features such as six-color printing, memory cards, LCD graphic displays, IrDA, Bluetooth®, Wi-Fi®, networking and TV output interfaces
- Speeds time to market with proven in-production firmware and controller solutions
- Saves development costs and time by allowing designers to use one controller platform for an entire family of inkjet photo AIOs



- Direct interface connections to many inkjet printer interfaces
- Hardware image processor to enable high-speed image processing and printing
- Integrated camera card and LCD display controllers
- Interfaces for IrDA and for TV NTSC/PAL display controller devices
- High bandwidth connectivity via USB 2.0 high-speed ports
 - Supports PictBridge cameras and flash drives
 - Supports Bluetooth, Wi-Fi 802.11b/g and 10/100 Ethernet
- Conexant's SigmaTel product line's flexible AIO firmware architecture SDK with reference schematics
- Host software solutions for inkjet AIOs are also available

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