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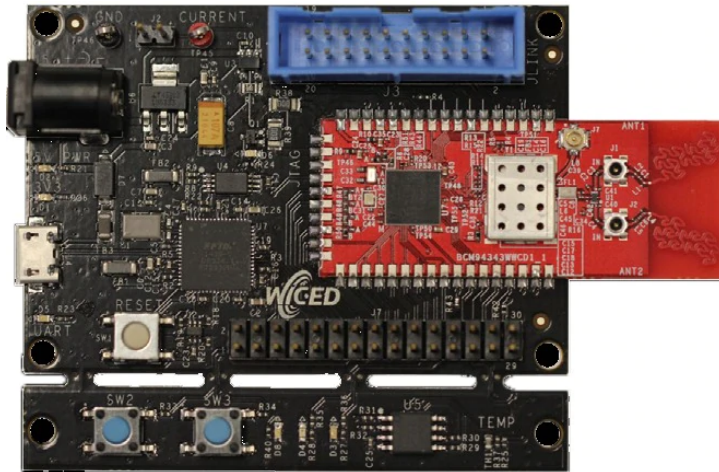
BCM94343WWCD1_EVB Evaluation and Development Kit

Last Updated: Mar 22, 2018

Note: Cypress no longer sells this kit with MPN BCM94343WWCD1_EVB . New MPN for this kit is CYW94343WWCD1_EVB. There is no functional change in the hardware. To learn more and to buy a CYW94343WWCD1_EVB Evaluation Kit, please visit www.cypress.com/CYW94343WWCD1_EVB.

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The Cypress BCM94343WWCD1_EVB kit includes a BCM94343WWCD1 SIP module mounted on a full-featured USB-based evaluation and development board that is fully compatible with the WICED™ Wi-Fi SDK. The onboard SIP module leverages the BCM4343W, featuring an 802.11b/g/n MAC/baseband/radio, Bluetooth 4.1 support, and an FM receiver. In addition, the module integrates a power amplifier (PA) that meets the output power requirements of most handheld systems, a low-noise amplifier (LNA) for best-in-class receiver sensitivity, and an internal transmit/receive (iTR) RF switch, reducing the overall solution cost and printed circuit board area. The BCM943364WCD1_EVB also includes an on-board STM32F411 32-bit Arm microcontroller, and is provisioned to support the authentication chip utilized by Apple's HomeKit offering.

Kit Features:

- The BCM94343WWCD1_EVB is a self-contained evaluation and debug kit that can be powered from a wired USB (+5V) connection or a 5V DC jack (not provided with the kit)
- The USB interface enumerates as both a USB-JTAG (Program and Debug) and USB-UART (Serial Command Interface)
- Support for ThreadX and FreeRTOS Real-Time Operating Systems (RTOS), and NetX/NetXDuo IPv4/IPv6 and LwIP IPv4 TCP/IP network stack implementations via WICED WIFI SDK
- Open On Chip Debugger (Open OCD)
- Optional external flash for memory expansion

Download the WICED™ WiFi [Software Development Kit \(SDK\)](#) to work with the BCM94343WWCD1_EVB.

Kit Contents:

Feedback




1 X BCM94343WWCD1_EVB evaluation board, 1 X USB Cable



For additional technical documentation and help articles, consult the [CYW4343W Product Guide](#) on the Cypress IoT Developer Community.

Related Files

File Title	Language	Size	Last Updated
 CYW94343WWCD1_EVB Board Design Files (Schematic, Layout, Gerber, BOM).zip	English	5.05 MB	01/11/2018

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