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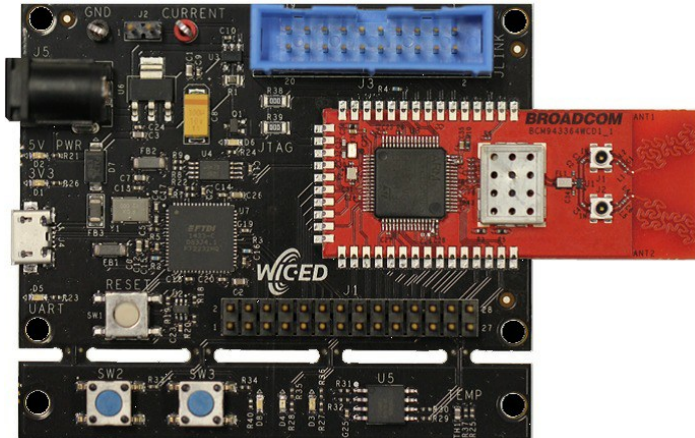| PRODUCTS | APPLICATIONS | DESIGN SUPPORT | BUY & SAMPLE | ABOUT CYPRESS |

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BCM943364WCD1_EVB Evaluation and Development Kit

Last Updated: Jul 07, 2016

The Cypress BCM943364WCD1_EVB kit includes a BCM943364WCD1 SIP module mounted on a full-featured USB-based evaluation and development board that is fully compatible with the WICED™ Wi-Fi Software Development Kit (SDK). The onboard SIP module leverages the BCM43364 WiFi device that provides a 2.4 GHz WLAN IEEE 802.11b/g/n MAC/baseband/radio. In addition, the SIP 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, further 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 BCM943364WCD1_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 BCM943364WCD1_EVB.

Kit Contents:

1 X BCM943364WCD1_EVB evaluation board, 1 X USB Cable

Related Files

File Title	Language	Size	Last Updated
📄 BCM943364WCD1_EVB Board Design Files (Schematic, Layout, Gerber, BOM).zip	English	5.04 MB	06/30/2016

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