Part Number: CY3630

WirelessUSB(TM) LP Evaluation Kit

Product Brief:

The WirelessUSB LP EVK offers a simple yet powerful and user-friendly platform for evaluating WirelessUSB LP (CYRF6936) and launching your application development. The EVK is well equipped with customer friendly features like multiple level tutorials, demo, multi-configuration MCU slots, generous prototyping area, radio modules, LCD modules, accompanying hardware for custom programming and detailed documentation on CD.

The generous prototyping area on the platform board provides easy access to the microcontroller pins, power and ground and can be used for custom hardware development. The Kit already comes with the CY7C60323 MCU for controlling basic radio operations. The included LCD modules provide a program output when operating wirelessly. The Red, Green, Yellow LED's and the two buttons on the platform board can be programmed for custom user feedback. The EVK also enables one to see in action the advanced features of WUSB LP such as Auto-Transaction sequencer, AutoRate(TM) receiver, higher data rate and low power.

Benefits:

- Easy hardware prototyping through Powerful and Flexible Platform boards
- Quick learning of WUSB LP features from four levels of tutorials and a Network Quality demo
- Easy feedback features like LCD modules for providing program output. Programmable Red, Green, Yellow LED's and two buttons on the platform board for custom user feedback
- Expandable features like Multi-configuration MCU slots to accommodate a wide variety of Cypress MCU's

Helps Develop Wide Range of Applications such as:

- Wireless Keyboards, Mice and Dongles
- Wireless Gaming Devices
- Consumer Electronics
- Home Automation
- Automatic Meter Readers
- Remote Controllers
- Presenter Tools
- White Goods
- Toys
- Personal Health and Entertainment

KIT Contents:

- WirelessUSB EVK Platform Boards (2) - Provides development and application support for HID applications.
- Includes an MCU slot to accommodate the CY8C27000 and
- CY8C29000 PSoC family of parts to develop custom solutions.
- Socketed WirelessUSB LP Radio Modules (2)- Fast Plug-N
- Play solution. Removable feature helps fit other radio modules based on WirelessUSB LP.
- 3.3v LCD Modules (2)- Displays application data providing quick and easy user feedback.
- CY7C60323 Adaptor Boards(2)- Controls WirelessUSB LP radio operations
- Microcontroller Adaptor Board with Foot (1)- Allows emulation using CY7C60323 Wireless enCoRe II or CY8C21534 PSoC.
- MiniProg (1)- Helps program user-defined applications.
- RS232 Cable (1)- Helps debug real time applications.
- Multiple Power supply options- Flexibility to use 2 AAA or
- External Power.
- WirelessUSB LP EVK CD ROM- Provides kit documentation, hardware schematics, tutorial and and firmware for application development.