

## EZR32 Wonder Gecko Starter Kit

### SLWSTK6220A, SLWSTK6221A, SLWSTK6222A, SLWSTK6223A or SLWSTK6224A

The Silicon Labs EZR32 Wonder Gecko Wireless Starter Kit is an excellent starting point to evaluate and develop on the [EZR32 Wonder Gecko Wireless MCUs](#). The core of the WSTK6220 is the Wireless Starter Kit (WSTK)



Mainboard (BRD4001) which feature an on-board J-Link debugger, an Advanced Energy Monitor for real-time current and voltage monitoring, a Virtual COM port interface, and access to the Packet Trace Interface (PTI).

The WSTK Mainboard is paired with an EZR32 Wonder Gecko radio board that plugs directly into the mainboard. The radio board feature the EZR32 Wonder Gecko itself and the RF interface. All debug functionality, including AEM, VCOM and PTI, can also be used towards an external target instead of the included radio board. To further enhance the WSTK usability, the WSTK Mainboard contains sensors and peripherals demonstrating some of the Wireless MCU's many capabilities.

#### **The kit consists of two BRD4001 Wireless Starter Kit Mainboards paired with two plug-in radio boards with the following specifications:**

- Wireless MCU: EZR32WG
- CPU core: ARM Cortex-M4
- Flash memory: 256 KB
- RAM: 32 KB
- Crystals for LFXO and HFXO: 32.768kHz and 48.000MHz
- Crystal for RF: 26.000MHz
- Full speed USB 2.0 (12 Mbps)

## Get Started with Simplicity Studio

<b>Kit</b>	<b>Frequency</b>	<b>Output Power</b>	<b>Included Device</b>
<b>SLWSTK6224A</b>	169 MHz	+ 20 dBm	EZR32WG330FG63G
<b>SLWSTK6221A</b>	434 MHz	+ 10 dBm	EZR32WG330FG55G
<b>SLWSTK6223A</b>	490 MHz	+ 20 dBm	EZR32WG330FG63G
<b>SLWSTK6220A</b>	868 MHz	+ 13 dBm	EZR32WG330FG60G
<b>SLWSTK6222A</b>	915 MHz	+ 20 dBm	EZR32WG330FG63G