

## Microcontroller Evaluation Board



### Seller Info

Name: Syndicator Staff  
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### Listing details

Reference Number: RF168432

### Common

Title: Microcontroller Evaluation Board  
Price: \$ 108.00  
Country: United States  
Description: MKL25Z128VLK4 Microcontroller Evaluation Board

Manufacturer Part #: AES-KL-WIGO2-KIT-G

Alternate Part #: AES-KL-WIGO2-KIT-G

The Avnet Wi-Go system provides designers with a complete solution for developing real world IoT applications by combining Xtrinsic sensor technology from Freescale with a powerful Kinetis L microcontroller and an embedded Wi-Fi module to provide connectivity for the outside world.

Wi-Go also provides Wi-Fi on the go by including an 80mAh lithium polymer battery and a USB battery charger. Designers have access to all design files and source codes so the Wi-Go system can speed your time to market developing products for the IoT.

Kit Includes:

Avnet Wi-Go module  
Kinetis-L Series KL25

Freedom platform (modified)  
Getting Started  
QuickStart Card

#### Key Features

Accelerometer for 3D acceleration monitoring (MMA8451Q) Magnetometer for compass direction monitoring (MAG3110) Digital altimeter (MPL3115A2) Temperature monitoring (MPL3115A2) 2 MB of low-power serial flash memory (S25FL216K) Wi-Fi communications module (LBWA1ZZVK7) Complete 800mAh lithium polymer battery subsystem including smart charging and buck-boost power supply (both MAX devices) LED outputs (1x TriColor LED, plus 3x discrete user LEDs) Vishay's TEMT6200FX01 analog output ambient light sensor.

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