

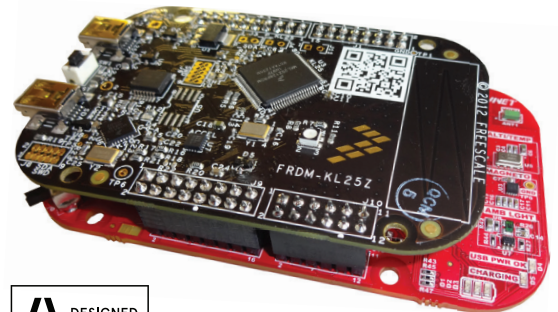
Wi-Go, enabling the Internet of Things (IoT) with Freescale microcontroller and sensor technology.

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 80 mAh 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.

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 TMT6200FX01 analog output ambient light sensor

To purchase this kit, visit avnet.com/us/wi-go



KIT INCLUDES

- Avnet Wi-Go module
- Kinetis-L Series KL25 Freedom platform (modified)
- Getting Started QuickStart Card
- Getting Started Guide (online)
- USB cable (USB A plug to Mini-USB B)

INCLUDED APPLICATIONS

- SmartConfig network configuration tool
- Tilt compensated eCompass
- Streaming data to Android application
- Cloud services client connection
- Simple web server

CONTACT INFORMATION

North America
2211 S 47th Street
Phoenix, Arizona 85034
United States of America
eval.kits@avnet.com
1-800-585-1602

Europe
Gruber Str. 60c
85586 Poing
Germany
marketing@silica.com
+49-8121-77702

Japan
Yebisu Garden Place Tower, 23F
4-20-3 Ebisu, Shibuya-ku
Tokyo 150-6023 Japan
eval-kits-jp@avnet.com
+81-(0)3-5792-8210

Asia
151 Lorong Chuan
#06-03 New Tech Park
Singapore 556741
XilinxAPAC@avnet.com
+65-6580-6000