Personal Smoke & Activity Monitor

SensiEDGE

Simplifying Connectivity Sensors to Cloud Accelerate Development & Time to Market

ANALOG DEVICES

AHEAD OF WHAT'S POSSIBLE™

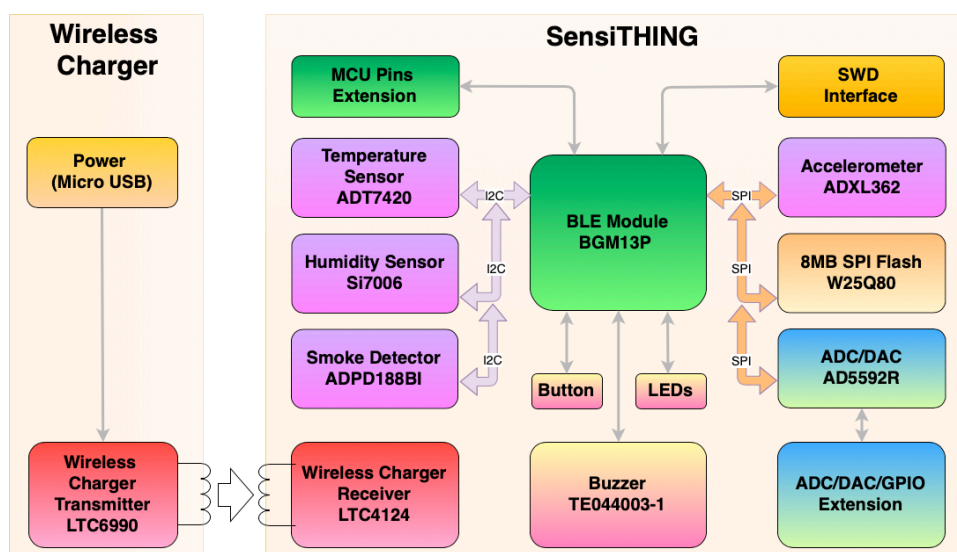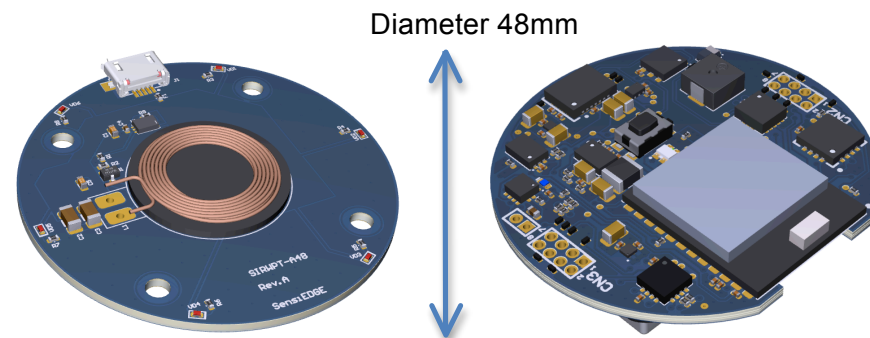# SensiTHING

lowers the barrier to entry

Off-the-shelf ready to use System-on-Module(SoM) MCU + BLE + Sensors + Wireless Charger Battery.

SILICON LABS

Diameter 48mm

For more information visit:
www.sensiedge.com/sensithing

SensiTHING block diagram

Wireless Charger
- Power (Micro USB)
- Wireless Charger Transmitter LTC6990

SensiTHING
- MCU Pins Extension
- Temperature Sensor ADT7420 — I2C
- Humidity Sensor Si7006 — I2C
- Smoke Detector ADPD188BI — I2C
- BLE Module BGM13P
- Button
- LEDs
- Wireless Charger Receiver LTC4124
- Buzzer TE044003-1
- SWD Interface
- Accelerometer ADXL362 — SPI
- 8MB SPI Flash W25Q80 — SPI
- ADC/DAC AD5592R — SPI
- ADC/DAC/GPIO Extension

Features:

- BLE 5.0 BGM13P
- Wireless transmitter LTC6990
- Smoke Detector ADPD188BI
- Wireless receiver LTC4124
- Accelerometer ADXL362
- Temperature ADT7420
- Humidity Si7006
- Pin Expansion AD5592R
- Buzzer TE044003-1
- Serial Flash W25Q80
- Rechargeable battery
- SWD debug interface
- Demo Application
- Diameter 48mm
- User Button
- Customization Service