ARIS Internet-of-Things Board

RENESAS

Analog Devices ADXL362
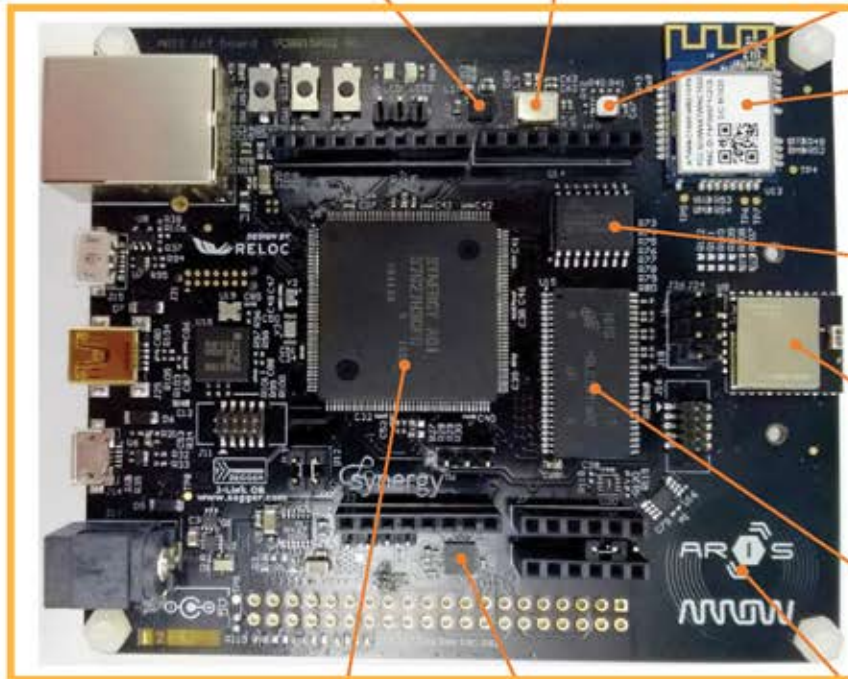
Ultralow power 3-axis MEMS accelerometer

Analog Devices ADXRS290

High performance MEMS pitch and roll (dual-axis in-plane) angular rate sensor (gyroscope)

Silicon Labs Si70130

Humidity and temperature sensor

Atmel WINC1500

Wi-Fi 802.11 b/g/n Internet of Things module specifically optimized for low power IoT applications

Spansion S25FL512S

512 Mbit (64 Mbyte) QSPI Flash Memory with advanced security features

Silicon Labs BGM111

BLE 4.1 module (upgradable to BLE 4.2)

Micron MT48LC16M16A2

256 Mbit (32 Mbyte) SDRAM memory

Renesas Synergy S7

ARM Cortex-M4 core with Floating Point Unit (FPU)
- Up to 240 MHz core clock
- 4096 KB code flash
- 640 KB SRAM

Semtech SX8656IWLTRT

Multitouch 4/5-Wire Resistive Touchscreen Controller with Proximity Sensing

NXP NT3H1201

Energy harvesting NFC Forum Type 2 Tag with field detection pin and I2C interface