

SensiBLE 2.1 WearaBLE Sensors

Ready Function for Fast Prototyping



Architecture

Application and Profile

BLE Protocol Stack

Link Layer

Power

Coin Cell

Li-ion Polymer

USB

External



Connectivity



Bluetooth® 5.0
 Low Energy
 BLUENRG-M2SA



Cortex-M0
 32MHZ

Sensors



Accelerometer
 LIS2DW12



Magnetic Sensor
 LIS2MDL



Relative Humidity &
 Temperature Sensor
 HTS221TR



Pressure Sensor
 LPS25H



Digital MEMS
 Microphone
 MP34DT05-A



Digital Ambient
 Light Sensor
 APDS-9250

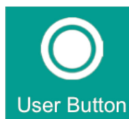


UV Sensor
 VEML6075

User Interface



Red-Green
 LED

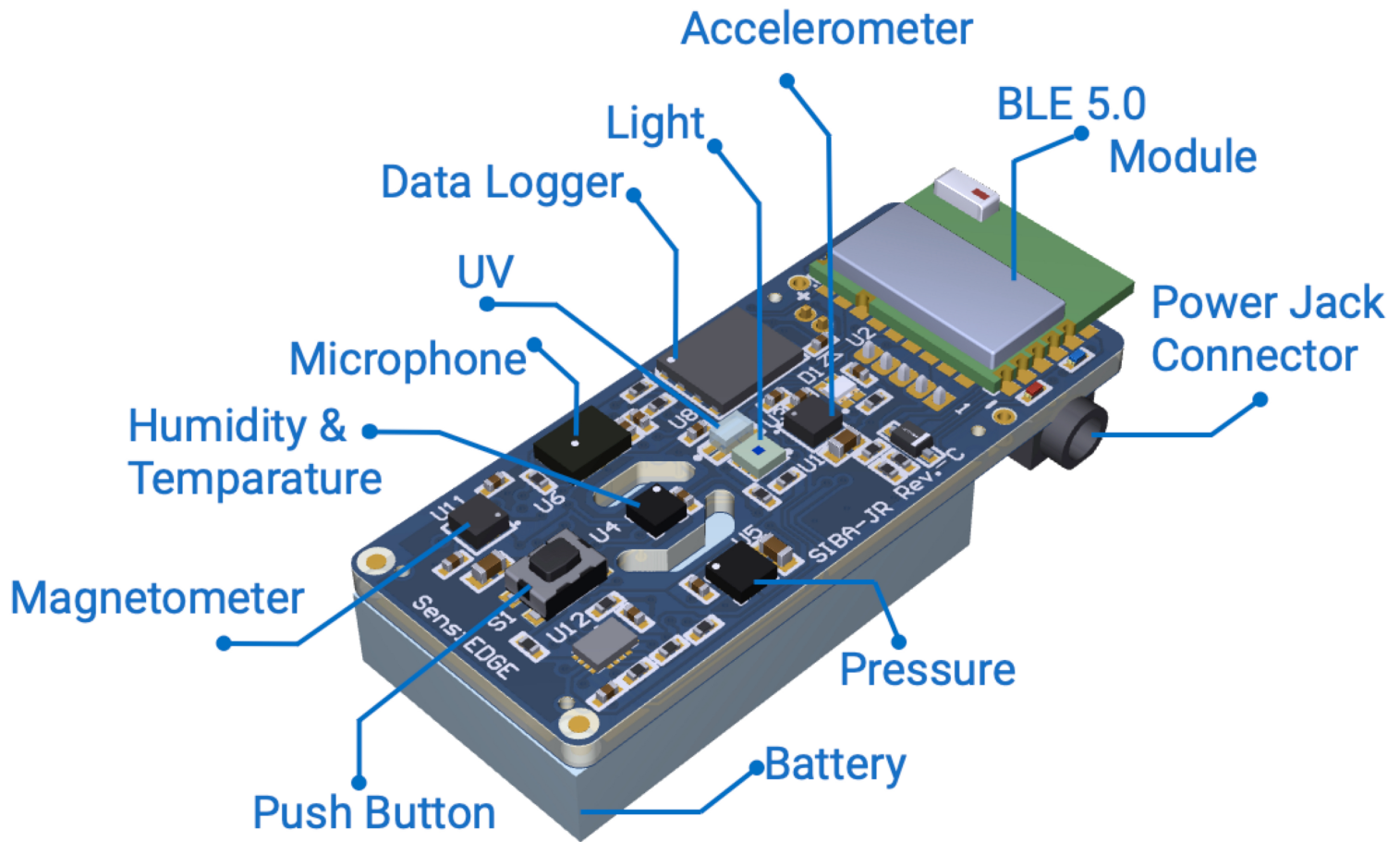


User Button

Data Logger



AT25XE041B



Free of Charge Customization

To reduce module price, unused sensors can be removed



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Fast Software Development

Supported software libraries and software application for:



Distributed by:



Ordering Information:

US Module: SIBA5-JRAB

EU Module: SIBA5-JREB

US Dev. Kit: SIBA5-JRAB-DKL

EU Dev. Kit: SIBA5-JREB-DKL

SensiEDGE Provide Hardware & Firmware Development Services