SensiEDGE
Simplify & Accelerate

Authorized Partner
life.augmented

SensiGFOX LoRa 2.0

SensiGFOX | LoRa 2.0 => Sigfox | LoRa | MCU | Sensors | Battery | USB

sigfox | LoRa | LoRa | Cloud | sigfox | Cloud | ML | AI

Wearable LoRa/Sigfox Sensor board

e-Compass | Temperature | aws | Battery | Mems | Activity Recognition

Gyro | Humidity | Google Cloud | Switch | Carry Position | Sensor

RGB+IR+Light | Pressure | IBM Cloud | Signal | Double Tap | Wake up

FOTA | Noise Level | Azure | Data Logger | Free Fall | Pedometer

Ready Function for Fast Prototyping

Architecture

- Application and Profile
- LoRa/Sigfox Protocol Stack
- Link Layer

Power

- Li-ion Polymer
- USB C

Connectivity

LoRa sigfox

CMWX1ZZABZ-078

STM32 L0 Cortex-M0 32MHZ

User Interface

- Red-Green LED
- User Button

Data Logger

AT25XE041B

Sensors

- 3D Accelerometer & 3D Gyroscope LSM6DSOX
- Magnetic Sensor LIS2MDL
- Relative Humidity & Temperature Sensor HTS221
- Pressure Sensor LPS22HH
- RGB, IR and Ambient Light APDS-9250

External interfaces

GPIO PA9 | SCL I²C BUS | SDA I²C BUS | VCC 2.8v | GND Ground

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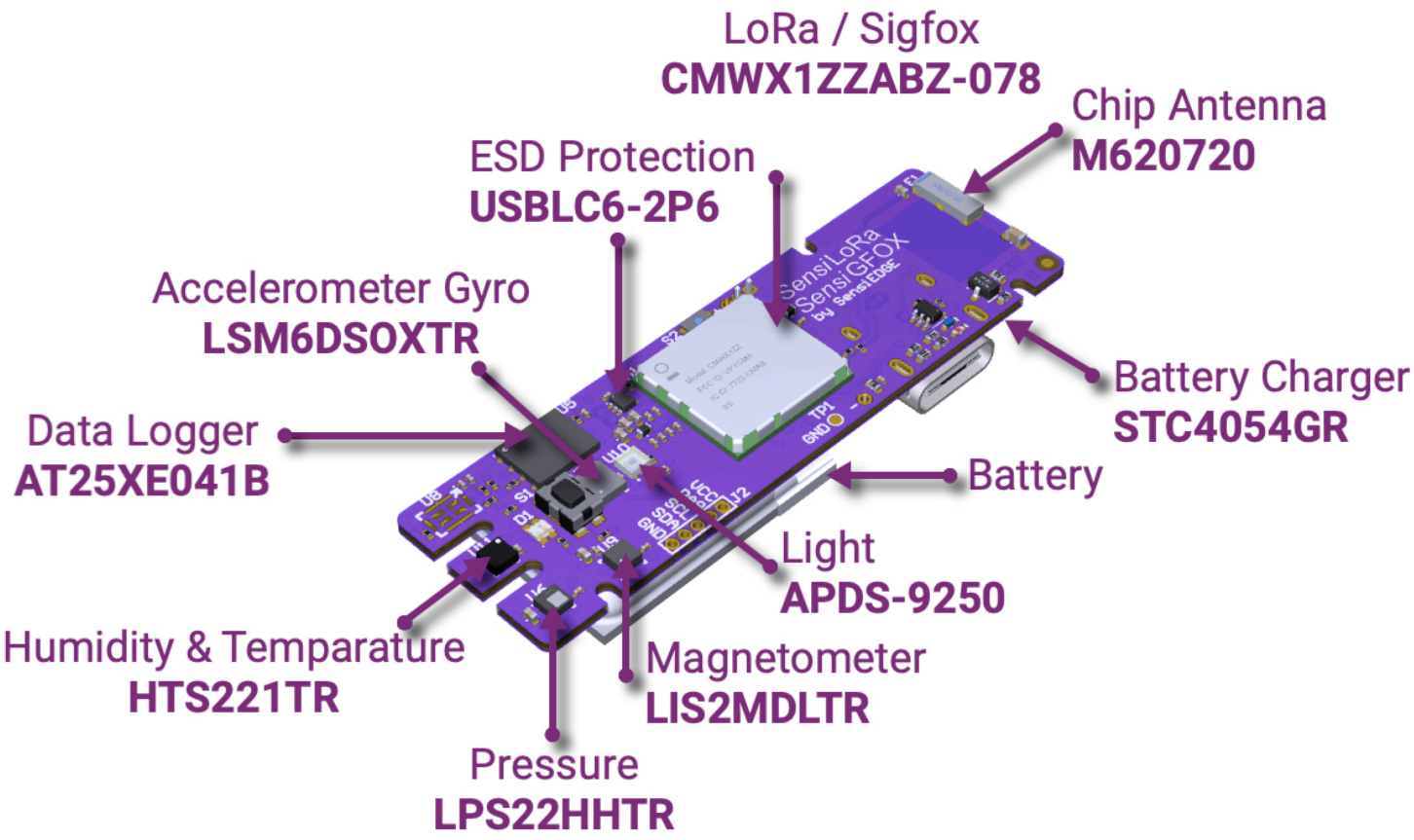
Sensors on Board Transmitting Data to LoRa and Sigfox Cloud



Lower Price by Removing Unused Components

Open Source Software

aws · IBM Cloud · Google Cloud · Azure

SensiLoRa SDK 2.0 · SensiGFOX SDK 2.0 · ARDUINO · SensiEDGE Configurator (Simplify & Accelerate)

Cayenne myDevices · Node-RED · STM32 CubeIDE

ThingsBoard · LORIOT

Ordering Information

Arrow Five Years Out

MOUSER ELECTRONICS

	SOM	Development Board
SensiLoRa		
	SILA-UCR-868	SILA-UCR-868-DKL
	SILA-UCR-915	SILA-UCR-915-DKL
SensiGFOX		
	SIFA-UCR-868	SIFA-UCR-868-DKL
	SIFA-UCR-915	SIFA-UCR-915-DKL

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