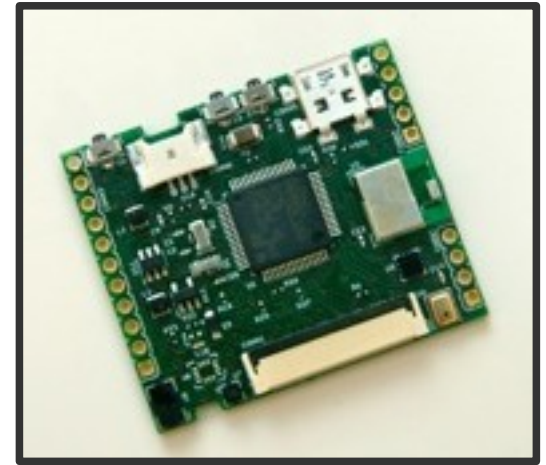


Hardware



Rechargeable battery
LiPo, 500mA.h

Linear Tech. LTC3553
Power Management
& USB Charging

Adesto AT45DB641E
64Mbit Data Flash

Switches & LEDs
Incl. 2 user def'd push buttons
1x user controlled LED

Optional Header Pins
For extension (I2C/ SPI/
UART/ GPIO/ IRQ/ Analog)

Densitron
DD-160128FC-1A
160x128, full color
OLED display

STM32-L1
(switch
to **STM32-L4 ?**)
32-bit micro-controller

Panasonic PAN1740
BlueTooth Low-Energy
Module

ST VL6180X
Ambient Light Sensor
Proximity/Distance Sensor

ST LSM6DS3
3-axis accelerometer
3-axis gyroscope

ST LIS3MDL
3-axis magnetometer

ST SLPS25H
Atmospheric Pressure
(and Altitude) Sensor

Knowles
SPU0414HR5H-SB
Microphone
(as ambient sound sensor)

Major Connections

