WAREFAB KONNECT STM32L052-SIGFOX DEVELOPMENT BOARD

Board layout labels:
- 64mb Flash Memory
- Buzzer
- Wisol Status Leds
- Lipo Battery Port
- Micro Usb Port
- User Button 1
- User Button 2
- User Led (R)
- User Led (B)
- User Led (G)
- Extension Port
- Sigfox Wisol
- Mems Mic
- 3-Axis Acc
- Temp & Humidity
- Gps Module
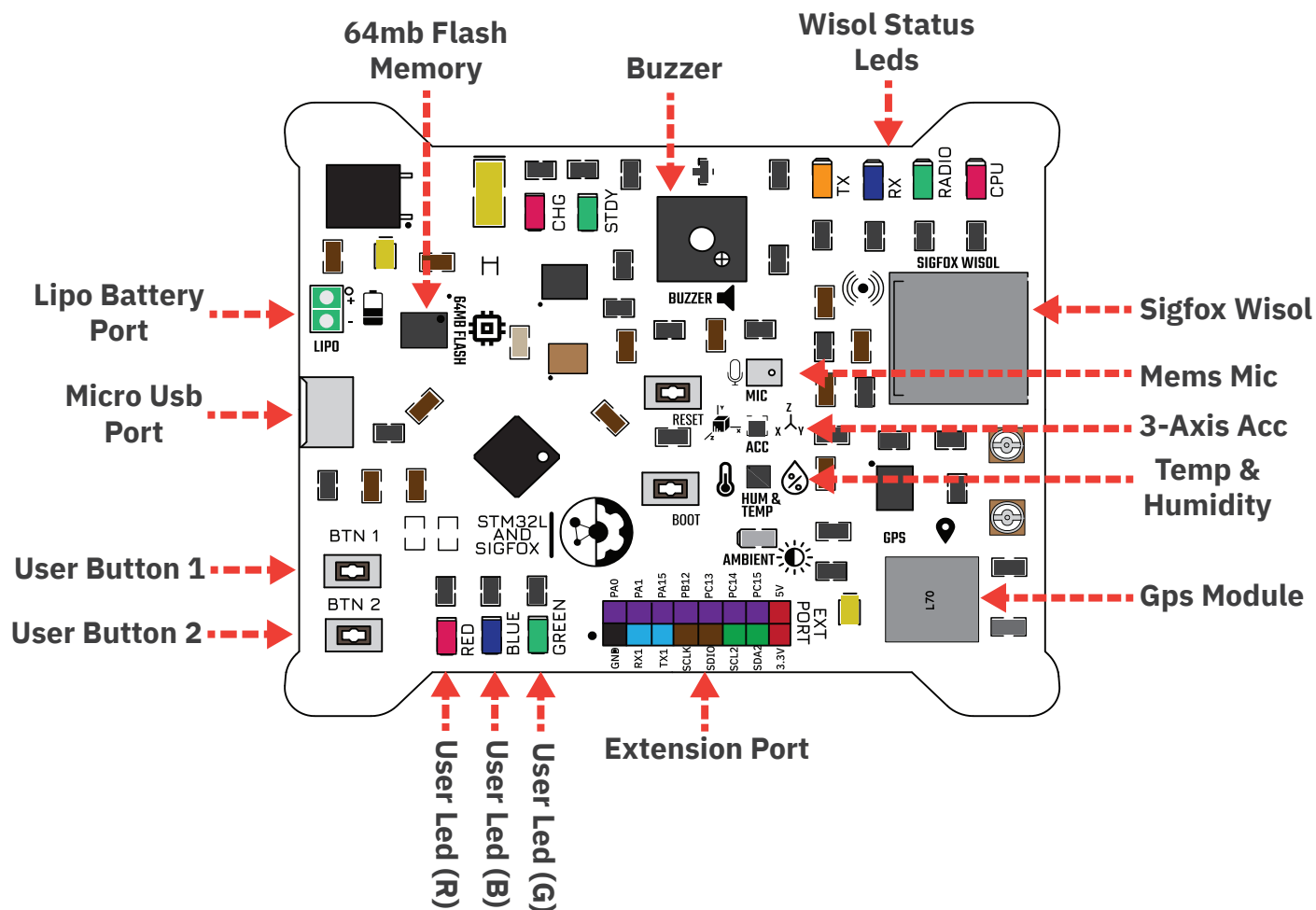
Extension Port

		Pin	#	#	Pin	
GND		GND	1	2	PA0	PA0
RX1	PA10	RX1	3	4	PA1	PA1
TX1	PA9	TX1	5	6	PA15	PA15
SWCLK	PA14	SCLK	7	8	PB12	PB12
SDIO	PA13	SDIO	9	10	PC13	PC13
SCL2	PB13	SCL2	11	12	PC14	PC14
SDA2	PB14	SDA2	13	14	PC15	PC15
3.3V		3.3V	15	16	5V	5V

Bytes

3 Bytes	4 Bytes	1 Byte	1 Byte	1 Byte	1 Byte	1 Byte
Latitude	Longitude	Acc - X axis	Acc - Y axis	Temperature °C	Humidity	Status Flags

Status Flags

Bit 0	Bit 1	Bit 2	Bit 3	Bit 4	Bit 5	Bit 6	Bit 7
Mems Mic Silent = 0 Noise = 1	Light Sensor < 50% = 0 >50% = 1	Acc X Axis +ve = 0 -ve = 1	Acc Y Axis +ve = 0 -ve = 1	Gps Status Active = 0 Standby = 1	Speed-Km/Hr <80 = 0 >=80 = 1	Latitude North = 0 South = 1	Longitude East = 0 West = 1