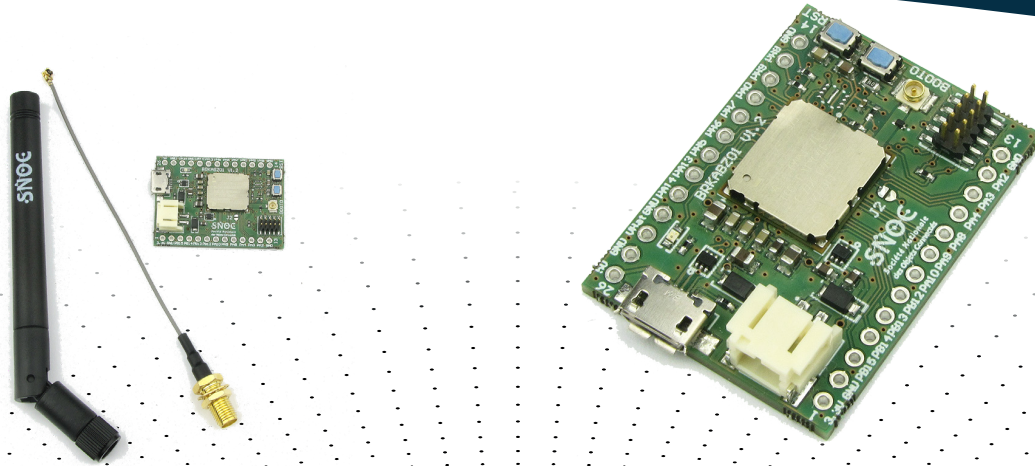


Kit BRKABZ01 Dual mode breakout Sigfox - LoRa



The BRKABZ01 breakout board provides an easy way to test under real operating conditions the Murata CMWX1ZZABZ-078 module. Furthermore, the small size of the board allows you to include it into your real size prototype.

The chip supports the Sigfox and the LoRa protocol communication for an easy integration with large IOT network choice.

In addition the embedded software library makes it even more easy to set up on those networks and use it efficiently.

The breakout board has a 10-pin connector for programming the host CPU and have USB connector to use USB bootloader.

The 26 connections on the board allow the access to the main signals of the module.

For further information about the pinout, see the description below.

26	25	24	23	22	21	20	19	18	17	16	15	14
5v USB	GND	VBat	GND	PA14	PA13	PB5	PB6	PB7	PB2	PA0	PB9	PB8
1	2	3	4	5	6	7	8	9	10	11	12	13
3.3v	GND	PB15	PB14	PB13	PB12	PA10	PA9	PA8	GND	PA4	PA3	PA2

Specifications:

- CMWX1ZZABZ-078 based
- Sigfox RCZ1,2,4
- LoRa
- Embedded software library
- Host CPU
ARM cortex M0+
- 192 kB Flash / 20kB RAM
- Voltage : 3.3V ~ 5V
- Size : 37x27mm
- program update via USB
- Programming connector

Kit content:

- BRKABZ01 board
- 868Mhz 1/2 wave antenna
- UFL to SMA 100mm cable

Available on <https://yadom.eu>