



LORA LOW COST SINGLE CHANNEL BASE STATION



The Lora Low cost single channel base station can be use in private network to make the link between IOT Lora based devices to internet.

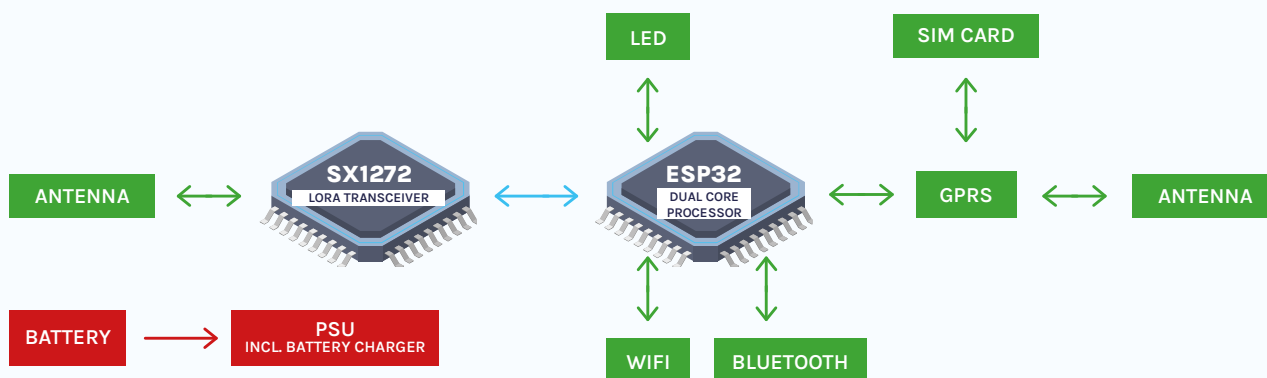
It can also be used as repeater to the LORA operated network.

FEATURES

- 1 channel Lora base station
Not fully compliant with Lora standard as it doesn't support all the channels. Good for private uses.
- Back-up battery to continue to operate even in case of electricity shut down
- Very low cost
- BOM Highly Optimized

- Product Size in mm (without external antennas) : 34 x 110 x 35
- Operating temperature : -20 to +55 DEGC
- RF Sensitivity : -137 DBm
- RF Power : +20 dBm
- Radio band : 868 MHz (LORA)

BLOCK DIAGRAM



DELIVERY

- Schematics
- Layout
- eBOM
 - Production files (PCB Structure, Component placements for SMT production machines...)
 - Test program with test bench for manufacturing
- ESP32 Firmware
- SX1272 Configuration

ASSOCIATED SERVICES

- We can provide customization services either on the hardware or on the embedded software or on the mechanical design.
- We can manage for you the EMS in charge of the production of the device.