

A NEW LORA MODULE REFERENCE DESIGN AND ITS DEVELOPMENT KIT

Dedicated to IoT Sensor development based on LoRa™ Technology



USE CASES IN

- B2B domain :
Smart building & Lighting, smart metering, industrial process monitoring, fire detection...
- B2C domain :
eHealth, home automation people monitoring & tracking...

The LoRa Development kit is an easy to use tool to accelerate the development of IoT sensors, embarking key sensors, numerous interfaces with a comprehensive Software Design Kit.

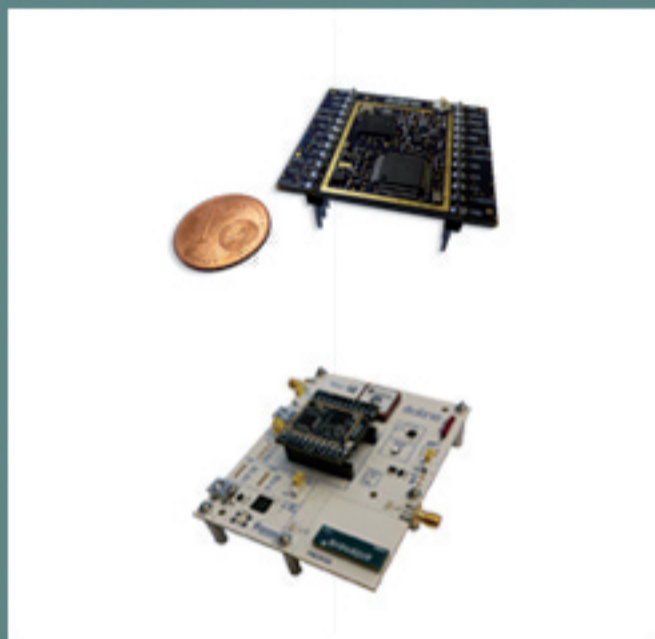
MAIN FEATURES

- 868 MHz / 915 MHz frequency band solution
- Sensitivity up to -143dbm with Range up to 15 km
- Ultra miniaturized footprint Ref Design : 18x26 mm²
- LoRaWAN1.0 Class A et C
- SDK with IDE and SW Framework
- Embedded key sensors such as GPS, 6 axis motion, sensor, magnetic sensor, temperature and humidity sensor

ADVANTAGES

- Comprehensive software development kit with embedded key sensors such as GPS, 6 axis motion sensor, magnetic sensor, temperature and humidity sensor for a fast prototyping
- "Ready To Use" reference design to reduce the TTM, the cost and the project risk of LoRa sensors developments.

Solution built around a LoRa Module Reference Design and its LoRa Development kit



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