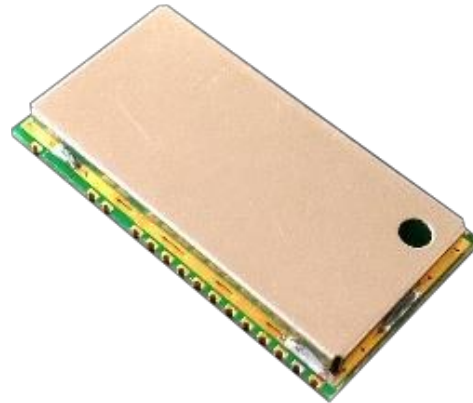


## Module features

The **MM002-L-JP** is a long range / low power wireless module operating in JAPAN ISM band (920Mhz to 928Mhz). With interferers' robustness and low power consumption, it is the best solution for applications requiring long range, maximum battery lifetime and secure radio link. This module integrates a SX1272 LoRa™ transceiver from Semtech and a low power ARM Cortex M3 controller.



### Key product features

- ✓ Size 14,4mm x 26,4mm x 2,5mm
- ✓ Modulations : LoRa™
- ✓ Maximum output power +13 dBm (20mW)
- ✓ LoRa WAN JP Class A & C protocol stack
- ✓ Soldered like a SMD component
- ✓ Usable as Modem companion
- ✓ RoHS conform

### MIC Certification

The module has been certified for JAPAN area as low power radio station (MIC ID 018-160290) with a frequency band from channel 24 (920.6Mhz) to channel 61 (928Mhz) and a protocol stack LoRa WAN JP version.

### Applications

- ✓ Automated Meter Reading
- ✓ Home and Building Automation
- ✓ Industrial Monitoring and Control
- ✓ IoT (Internet of Things)
- ✓ Smart Cities

### Module software content

The module software is based on Contiki OS.