

## LoRaWAN USB AT Modem

### DESCRIPTION

RH3M076B is an updated version of RisingHF RHF3M076 device, which enlarges the on board ROM and RAM to 128KB/20KB.

Benefit from RHF3M076B's well-designed AT commands, user could do LoRaWAN communicate in minimum several minutes. It is an ideal product to evaluate LoRa/LoRaWAN communication or get to know RisingHF end-node device.



### APPLICATIONS

- AMR
- Industrial control
- LoRaWAN Server developer
- Security and alarm system

### FEATURES

- High quality metal enclosure
- AT command over USB CDC device (COM port) @MicorUSB interface
- LoRaWAN compatible
  - Up to v1.0.2B version
  - Support both OTAA and ABP mode
  - Class A / B / C
  - LoRaWAN Alliance certificated
  - Configurable AES keys (non-readable)
  - Configurable region parameters:
    - ◆ EU868 / US915 / US915HYBRID / CN779 / EU433 / AU915 / AU915OLD
    - ◆ CN470 / AS923 / KR920 / IN865 and more
- Plug and play LoRaWAN evaluation
- Test mode for P2P LoRa communication
- On board temperature sensor (low accuracy)

### ORDERING INFORMATION

Part Number	MCU	434/470MHz TX Power (dBm)	868/915MHz TX Power (dBm)	AT Modem
<b>RHF3M076B-434</b>	ROM 128KB / RAM 20KB	20	14	Yes
<b>RHF3M076B-470</b>	ROM 128KB / RAM 20KB	20	14	Yes
<b>RHF3M076B-868/915</b>	ROM 128KB / RAM 20KB	20	14	Yes

Note: Part number decide accessory antenna type, RHF3M076B itself is the same for all part numbers.

### CONTACT

E-mail [salesww@risinghf.com](mailto:salesww@risinghf.com) for more ordering information.