

LRM001-868

LoRa® USB and Mini PCIe interface, 868MHz

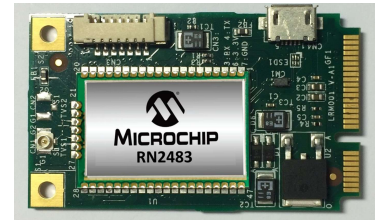
Microchip® RN2483

Features

- . Mini PCI Express form factor
- . 2 u.FL antennas to support either 868 MHz
- . Range 7KM
- . FTDI® 232HL

Specification

- . Microchip® RN2483
- . Compliant with LoRaWan®
- . USB interface
- . UART interface (TX & RX)
- . Mini PCI Express form factor
- . 2 u.FL antennas to support 868 MHz
- . Range 7KM
- . Data rate 1k bps
- . Network type: Star
- . Standby current: 0.1mA
- . Rx current: 12ma
- . RF Output power (maximum) 20dbm
- . Receiver sensitivity: -130 dbm
- . Support Win 7 and Window 10
- . Support Linux : Ubuntu 12.04
- . Operating temperature -30°C~ 75°C
- . Dimension: 50 x 29 x 9 mm



Interface

	LRM001	LRM003	LRM005
Mini PCIe	✓	✓	✓
Full Size			
USB 2.0	✓		✓
UART	✓ Model UART	✓ Model UART	✓ Model UART
433M or	✓ Model 433		
868M or	✓ Model 868	✓ Model 868	
915M or	✓ Model 915	✓ Model 915	✓ Model 915
923M		✓ Model 923	✓ Model 923

Model Lists:

LRM001-433	<i>Mini PCIe USB 433MHz</i>
LRM001-868	<i>Mini PCIe USB 868MHz</i>
LRM001-915	Mini PCIe USB 915MHz
LRM003-868	Mini PCIe USB 868Hz
LRM003-915	Mini PCIe USB 915MHz
LRM003-923	Mini PCIe USB 923MHz
LRM005-923	Mini PCIe USB 923MHz

Common Specification:

Operating Humidity	5% ~ 95% RH
Operating Temperature	-30° C~ 75°C
Storage Temperature	-40° C~ 80°C

Packing List

u. FL Antenna Cable
433 or 868 or 915MHz Antenna



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*All specifications are subject to change without notice.