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**LRM001**

LoRa® Mini PCIe, 433/868/915MHz

Range : 7Km

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| --- |
| L  L |

**Features**

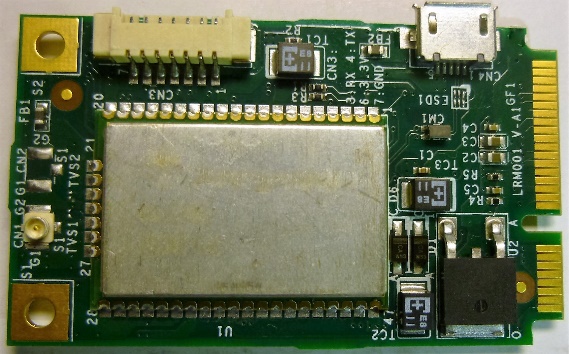
**. Mini PCI Express form factor**

**. 2 u.FL antennas to support 433 or 868 or 915MHz**

**. Range 7KM**

**. FTD® 232HL**

**Specification**

**. Compliant with LoRa®**

**. Mini PCI Express form factor**

**. 2 u.FL antennas to support 433 or 868 or 915MHz**

**. Range 7KM**

**. Data rate 1k bps**

**. Network type: Star**

**. Standby current: 0.1mA**

**. Rx current: 12ma**

**. Microchip® RN2483 LoRa®**

**. FTD® 232HL**

**. RF Output power (maximum) 20dbm**

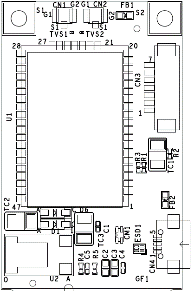
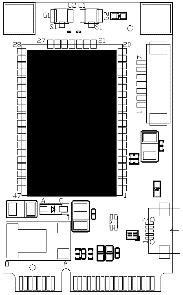
**. Receiver sensitivity: -130 dbm**

**. Support Win 7 and Window 10**

**. Support Linux : Ubuntu 12.04**

**. Hardware LoRa® reset**

**. Dimension: 50 x 29 x 9 mm**



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**Interface**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | LRM001 | LRM002 | LRM003 (April) | LRM005 (May) |
| Mini PCIe Full Size | |  |  |  |  |
| USB 2.0 | |  |  |  |  |
| UART | |  |  |  |  |
| M.2 | |  |  |  |  |
| 433M or | | Model 433 | Model 433 | Model L | Model L |
| 868M or | Model 868 | Model 868 | Model H | Model H |
| 915M or | | Model 915 | Model 915 | Model H | Model H |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Lists:** | |  | **Common Specification:** | |
| LRM001-433 | *Mini PCIe USB 433MHz* |  | Operating Humidity | 5% ~ 95% RH |
| LRM001-868 | *Mini PCIe USB 868MHz* |  | Operating Temperature | -20o C~ 60 oC |
| LRM001-915 | Mini PCIe USB 915MHz |  | Storage  Temperature | -20o C~ 80 oC |
| LRM002-433 | UART 433MHz |  |  |  |
| LRM002-868 | UART 868MHz |  | **Packing List** | |
| LRM002-915 | UART 915MHz |  | u. FL Antenna Cable 433 or 868 or 915MHz Antenna | |
| LRM003-L | Mini PCIe USB 410 ~525MHz |  |
| LRM003-H | Mini PCIe USB 862 ~ 1020MHz |  |