

Wireless Simple Links

Wireless network solutions Telepower Inc.

TPWM092MLR-01

Ultra Small 920MHz(Sub-1GHz) Band Wireless Module for LoRa Communication Method.



Smart City

Smart Building

M2M

IoT



SIZE 20.0×30.0(mm)

1 The advantage of 'LoRa' technology is long range capability.

2 The Sub-1GHz frequency band communication is stable.

3 Stable communication quality is realized by using sub-1GHz band excellent in radio interference, attenuation and diffraction.

4 It is useful for acquiring information on electricity, gas, water meter etc. because it is possible to communicate with a distance.

Category	Specification
Product Name	TPWM092MLR-01
Supply Voltage	2.7~3.6V
MCU	STM STM32L443+Semtech SX1272
Frequency Band	920MHz Band Wireless Module(LoRa modulation (modem) method)
Interface	UART,SPI,I2C
Antenna	Built In/External
Normal Communication Rate	(MAX)300Kbps、5~10Km
Size	20.0x30.0(mm)
Sleep Mode,Low Power Sleep Mode	29uA
Standby Mode	300uA
Other	RoHs Compliant ARIB STD-T108 Compliant
Application	Smart City/ Smart Building

Our all products are supported the TELEC. If customer has request to customer original design, development and getting the other country's Radio Low certificate, please discuss to this information to us.

○ This catalog is update as of October 2017. ○ This information is subject to change without notice. ○ If you need the detail information, Please contact our sales and access to below address.



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