Unit LoRaWAN915

SKU:U115

Description

Unit LoRaWAN915 is a LoRaWAN communication module suitable for 915MHz frequency launched by M5Stack. The module adopts the ASR6501 scheme, which supports long-distance communication and has both ultra-low power consumption and high sensitivity. The module integrates the LoRaWAN protocol stack and adopts a serial communication interface (using the AT command set for control). When used, it can be used as a collection node to access a large number of gateways for data collection and management. This module is suitable for long-distance low-power IoT communication applications, such as deployment of environmental monitoring nodes.

Product Features

- ASR6501
- Operating frequency: 915MHz
- SMA antenna
- Communication interface: UART
- Command protocol: AT command

Includes

- 1x Unit LoRaWAN915
- 1x SMA antenna

Application

- Automatic remote meter reading
- Intelligent traffic intelligent parking lot
- Remote irrigation and environmental monitoring

915MHz supported countries

Argentina/Australia/Bolivia/Brazil/Canada/Chile/Colombia/Dominican Republic/Ecuador/Greece
Guatemala/Honduras/Jamaica/Mexico/New Zealand/Nicaragua/Panama/Panama/Paraguay/Peru/Papua New Guinea/El Salvador/United
States/ Uruguay

Specification

Specifications	Parameters
UART baud rate	115200
Net weight	12.8g
Gross weight	45g
Product Size	71.5*24*8mm
Package Size	95*65*25mm

Related Links

○ COM.LoRaWAN915 AT Command
○ LoRaWAN Regional Parameters

Pin mapping

M5CORE	RX	TX
Unit LoRaWAN915	G17	G16

Schematic
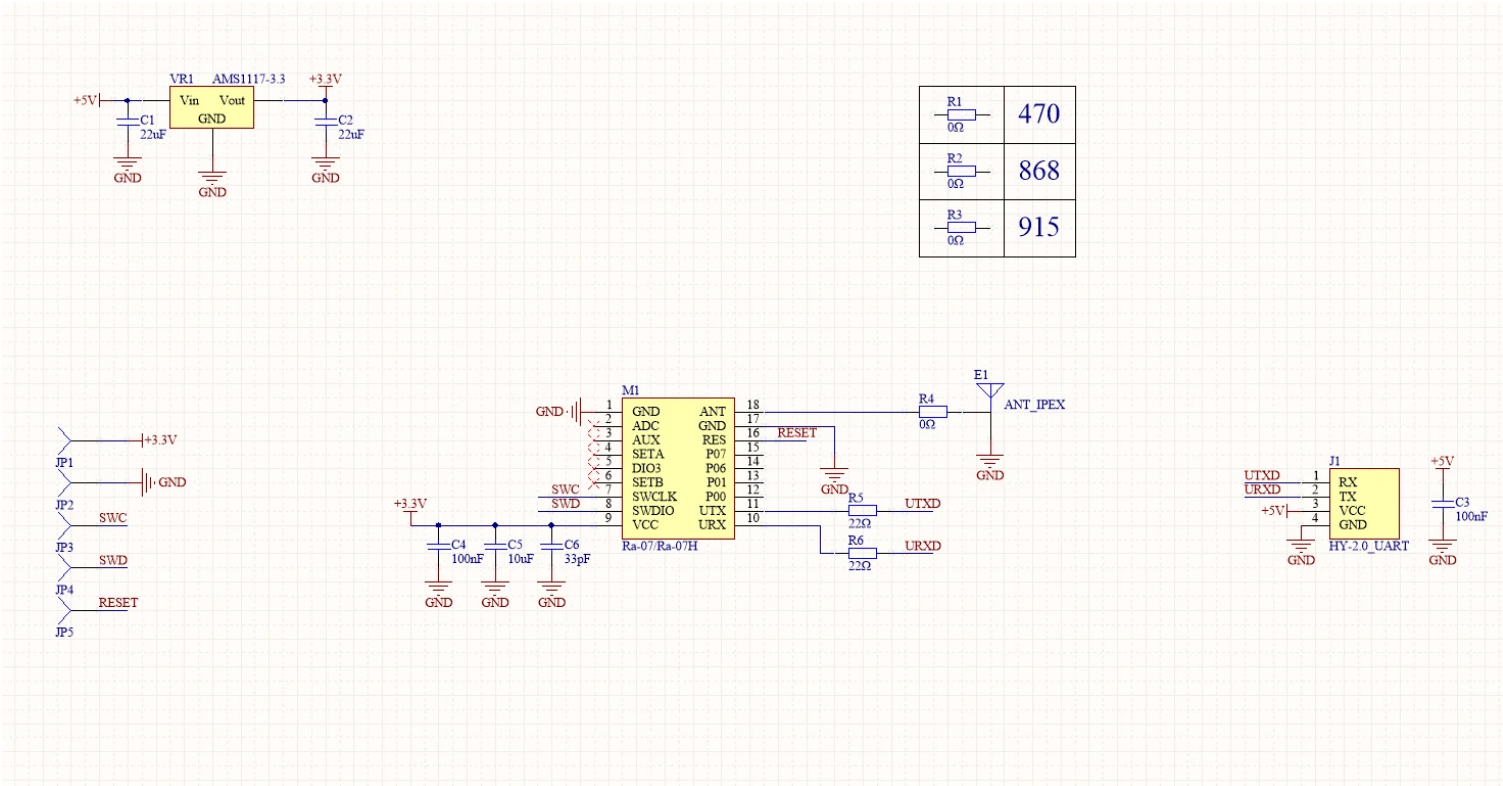
Example

○ Arduino code example

Video

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[M5Stack](#):
  [U115](#)