

960900T Circuit Description

960900T Tx MCU

It is the main control unit which communicates with USB IC thru port PB1,PB2, PB3 to get weather data and transfer the weather data to the 915MHz `RF module thru PA2~PA5 for 915Mhz RF transmission.

USB IC MTP2001 ANS

USB IC communicates with PC software by USB protocol thru PC USB socket (DP/D+, DM/D-, VDD, GND) and transfer data to MCU. PC software gets the Internet weather data from Internet and then send to USB IC thru USB port.

LED indicator

When MCU transmit 915MHz weather data thru RF board, LED indicator (port P55) will turn on during transmission.

Tx key

When Tx key pressed (port PB0), weather data stored in PC will transmit once thru 915MHz RF module.

RF Tx board

After MCU received the weather data from PC thru USB IC, it will transmit the data to 915MHz RF module thru PA2~PA5. Then the data will transmit to receiver unit thru 915MHz RF module by it.