

## W209-F Circuit Description

### MCU TM8722

It is the main control unit which get temperature/humidity ready and transfer to the RF unit for 433Mhz RF transmission thru SEG16.

### LED indicator

When MCU transmit 433MHz weather data thru RF board, LED indicator will turn on during transmission by SEG17.

### Key board input

The keyboard input is for setting the C/F, channel and test signal to the MCU TM8722 thru SEG32~SEG34.

### RF Tx board

After MCU get the temperature/humidity, it will transmit the data to RF Tx board thru SEG16. Then the data will transmit to receiver unit thru 433MHz RF by it.

### Temperature and humidity sensor

It is temperature and humidity sensor to measure temperature and humidity and transmit the signal to MCU thru SEG24~SEG26