

960900C Circuit Description

960900C S1C6F666 MCU

It is the main control unit which communicates with RF Rx board to get weather data thru 915MHz RF and then displays in LCD.

BL control EM78P468

The backlight control EM78P468 IC is to control RBG backlight LED color which communicated with MCU unit.

Key board input

The keyboard input is for setting the alarm, backlight brightness, display unit setting and toggle the received weather data in display.

RF Rx board

After the weather data received by RF Rx board thru 915MHz RF, it will transmit the data to MCU unit. Then the data will be processed and displayed in LCD.

LCD driver ET7002

LCD driver ET7002 is to communicate with MCU unit and assist to display the weather data in LCD display.