Technical Description Rev.3:   26-Apr-01

W388 Receiver:

This is a clock, thermal meter and wireless communication device.

The main MPU is surplus SPL081. It can detect the current temperature by the thermistor RT1 (503AT). And it can receive the temperature signal by ASK receiver IC (RX3310A) that a ASK signal through a receive antenna, a band pass filter C11 (1.8P), C19 (1.5P), L3 (18nH) & C12 (10P) to ASK receiver IC (RX3310A) pin 14. It should operated by the internal circuit RF amplifier, Mixer, IF amplifier, IF filter, limiter and comparator etc. Finally the actual data should input to SPL081 pin 44.

The backlight should be light when pressing light button. It has a high signal from SPL081 pin 40 through R17 (47Kohm) to Q4 (3904) pin B. Q4 should be an ON state. And then Q3 (3906) also is an ON state. Five pieces LED should be light.