

Operational Principle

TX Model: Y D 8 2 1 3 B (M R I - 2 1 3 M X + R S - M X)

The Sensor

1, MCU(U1), have a 8-bit microprocessor, X1 is oscillator. Operation frequency is 32768Hz.

2, The temperature and humidity transmit to the main unit by the RF circuit, ASK modulation. Modulation frequency is 434 MHZ, **Y1** is the SAW resonator.

3, The low-battery circuit detect the battery voltage status, the information will be recorded in the pager's RAM;

4, The transmitters supply voltage 3V (2 * AA)