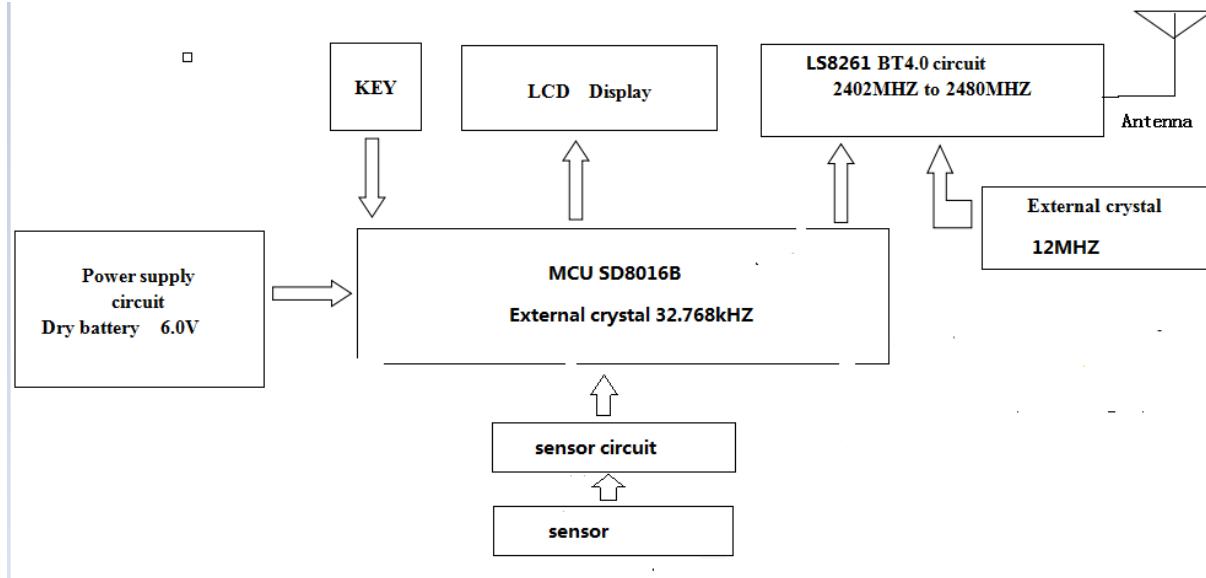


Operation description



BT4.0 basic features:

Operating Frequency: 2402 MHz to 2480 MHz

Type of Modulation: GFSK

Antenna Type: Integral antenna

Antenna gain: 0 dBi

Nominal rated field strength is 96.9 dB μ V/m at 3m

Maximum allowed production tolerance: +/- 3dB

a) MCU function description

- Body weight signal processing, as well as information on the conversion, the result will be displayed through the display
- Detection of key actions to achieve the operating functions
- SENSOR control inflation, Electromagnetic valve to WEIGHT
- Bluetooth function control

b) Sensor function description

- Inflatable equipment

c) Sensor Measurement circuit function description

- Body weight amplification
- Analog and digital signal processing

d) BT function description

- send or receive data to Bluetooth terminal

e) Display

- Show the measurement results

f) Function key part

- The active signal of function key send to MCU

g) Power part

- Provide power supply
- Low battery check