

Wireless temperature sensor with alarm

763T

Detect the environment temperature over setting send wireless signal trigger system alarm or auto dialer, and sound alert ‘Be..Be’.

Circuit description:

- Temperature sensor: R1,R15,C5 and for detect environment temperature.
- RF transmit circuit: L1,L2,L3,Q1,SAW1,R1,R2,R3,C1,C2,C3 for transmit wireless 433.92 +/-150K RF signal to trigger system host.
- Battery low detect circuit: R6,R7 to detect battery voltage, when the battery goes low LED will flashing for indicate.
- Power regulator: 9V battery voltage through regulator IC HT7130 to output 3.0V for all circuit supply.
- Buzzer drive circuit: Q3,R12,R13,L1,BUZZ1 for drive the buzzer to sound alert or alarm.
- MCU: MCU1 78P153 for processes and control all function.