

Receiver WTRX003 Circuit Description

1. RF signals transmitted by the antenna to the S1. S1 is a SAW filter, can be useful in screening out 433.92-434.02MHz signal, and then sent data to the U3 TP31371FNG, U3 is a UHF Receiver. It will demodulate the received RF signal data and send it to the MCU. After that data will be transmitted by the MCU to the U1 HT1622, U1 is the LCD Controller. Finally detected data will be shown in LCD display.
2. When receiver received abnormality information, the buzzer turns on and red LED is on: the value of pressure, the icon of the warning tire are shown in display.