

SR330 TRANSMITTER CIRCUIT DESCRIPTION

The unit is powered by 6V battery (4 x “AAA”).

Once a function button is pressed, the built-in LCD driver in the MCU (U1) will turn on the correspondent segment in the LCD to indicate that function is activated. At the same time, pin 20 of U1 will give out a positive going pulse train to drive the transistor (Q2) of the saw oscillator, and transmitted the pulse train in AM mode in a carrier frequency of 417.5 MHz.

Once the function button is released, pin 20 of MCU (U1) will go low and stopped the pulse output. Therefore the 417.5 MHz oscillator also stop working.