SW350 TRANSMITTER CIRCUIT DESCRIPTION

Supply voltage is given by the SCR (TR1) which in-series with the load (the canopy receiver) to support the whole circuitry.

Whenever one of the function button is pressed. The MCU (U1) will give out a positive going pulse train from its pin 11, to drive the transistor (Q1) 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 11 of MCU (U1) will go low and stopped the pulse output. Therefore the 417.5 MHz saw osciallator also stop working.