

## Technical Description

Transmitter:

1. Press button S1 to turn on LED and active Encoder (HCS300) generating code word.
2. OOK RF transmitter sends out 433.9 MHz signal through Q1 modulator by internal integral antenna.
3. By pressing button S1, the RF signal is received by MCU of the receiver and trigger the output of relay.
4. The components of L2, L5, C9, Z1 perform as a LC filter.
5. The SAW1 resonator provides the RF center frequency.