DESCRIPTION OF TRANSMITTER CIRCUIT

1. AM MODULATION

Audio frequency which is devided and oscillated by resistor(R3), Make operate the base of transistor(Q1)

2.When press the SW1 or SW2 or SW3 or SW4, ENCCODER IC(IC1) oscillate the supplied data

1. **Make resonate with coil and capacitor(Q1, L1, C3 and C2)first.**

2. **resonated frequency generate wanted frequency by adjust trimmer capacitor (CT1)**

3. **And send it to PCB patten ANT.**

Receiver Operating Description

The received signal of 311MHZ from C1 is amplified by Q2 which is 1st.
RF amplifier and C3 is output of this amplifier.
This signal is supplied to Q3 circuits
The Q3circuits is Local Oscillator, Mixer and Detector.
The detected signal is came out from L2
This detected signal is amplified 300 times by OP AMP U1Aat first and amplifed by U1B at 2.
The final amplified detected signal are came out from pin NO.1 of U1B.