

## **Technical Description:**

The brief circuit description is listed as follows:

- C17, L3, C11 and L2 act as Low Pass Filter.
- Q2 and associated circuit act as RF Amplifier & Modulator.
- Q1, XTAL and associated circuit act as 27MHz Oscillator.
- Q3 and associated circuit act as Oscillation ON/OFF control circuit.
- Q4 and associated circuit act as Signal Amplifier Circuit.
- IC1 acts as Encoder and MCU.
- SW1, SW2, SW3, SW4 and SW5 acts as Control Keys.

Antenna type: telescope antenna with unique antenna connector

Note: 27MHz Oscillator could be:

26.975MHz, 26.995MHz, 27.025MHz, 27.045MHz, 27.075MHz, 27.095MHz, 27.125MHz, 27.145MHz, 27.175MHz, 27.195MHz, 27.225MHz, 27.255MHz