

## **Technical Description:**

The brief circuit description is listed as follows :

- Q2 and associated circuit act as Modulator and Amplifier.
- Q9 and associated circuit act as Buffer Amplifier.
- Q1, X1 and associated circuit act as 27.145 MHz Oscillator.
- U1 xxx24 acts as Encoder and MCU.
- Q6 and associated circuit act as Auto Power Shut Off Circuit.
- Z1 and associated circuit act as Voltage Regulator.
- U2, VR1 and associated circuit act as Turning Control and Low Voltage Detection Circuit.
- SW2, SW3, SW5 and SW6 act as Control Keys.
- SW4 acts as Channel Switch.
- U3 xxx16, Q3, Q4, Q5, Q7, Q8 and associated circuit act as Charger Control Circuit.

Antenna type: telescope antenna with unique antenna connector