

# **FCC ID: PIYL6963-07A2**

## **Technical Description :**

The brief circuit description is listed as follows :

- Q4, T1 and associated circuit act as 27.145 MHz Super-regenerative Receiver/Modulator.
- X1, Q3 and associated circuit act as 27.145 MHz Oscillator.
- Q3 and associated circuit act as Receiver Demodulator.
- U1 eST120 acts as Sound Synthesizer.
- SW3 to SW5 act as Control Keys (animal switch).
- D1 and associated circuit act as Voltage Regulator.
- Q1, Q2, B1 and associated circuit act as Audio Amplifier.
- SW1 and SW2 act as push-to-talk and function buttons.

## **Antenna Used :**

An integral antenna (non-extendable) has been used.