

# **FCC ID: PIYL5476-07A4R**

## **Technical Description :**

The brief circuit description is listed as follows :

- Q21 and associated circuit act as RF Pre-Amplifier.
- Q1 and associated circuit act as 49.860 MHz Super-Regenerative Receiver.
- Q2, Q3 and associated circuit act as Signal Amplifier.
- U1 EM78P156 acts as Decoder.
- Q5 – Q12 and associated circuit act as F/B Motor Driver.
- Q13 – Q20 and associated circuit act as L/R Motor Driver.
- Q4, ZD1 and associated circuit act as Voltage Regulator.
- U2 LM339 and associated circuit act as Over Current Protection/Low Voltage Protection Comparator.
- B, Y, W and G act as Steering Angle Detect Keys.

## **Antenna Used :**

An integral antenna has been used.