

## F098(49mhz) Operation Description

The transmitter of Ragin Monster Truck is powered by 1\*9.0V battery, it has radio frequency 49.860MHz. While push the left controller sticks forward, it will transmitted a modulation signal for receiver to go forward. On the other hand, the receiver will move backward. When push both of the left and the right controller, the receiver will turn clockwise or counter-clockwise.

Refer to the transmitter circuit design, the circuit description is listed as below :

- X1, Q2 and associate components are acted as local oscillator for modulation.
- Q1 and associate components are acted as RF power amplifier.
- U1 and associate components are acted as control signal encoder.