

## Operation Description

The transmitter of TRUCK/ATV car 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. the push switch push down is control ATV car.

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

- Y1, R2 and associate components are acted as local oscillator for modulation.
- L1,L2,C1,C2 and associate components are acted as RF loading matching.
- U2 MF-T3B and associate components are acted as control signal encoder.