## **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.