

## TX Operation Description

The transmitter of RC Buggies is powered by 2\*1.5V AAA battery, it has radio frequency 49.860MHz. While push and hold both controller sticks downward, it will transmitted a modulation signal for receiver to go forward. Once release controller, the receiver will move forward rotate.

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

- Y1, Q3 and associate components are acted as local oscillator for modulation.
- Q1 and associate components are acted as RF power amplifier.
- Q2 Q4 and associate components are acted as control signal encoder.