

## **49.860MHZ Transmitter Operational Description**

### **LC55703 RC Brewster**

The transmitter of R/C Brewster is powered by 4.5V (3XAA) battery, it has radio frequency 49.860MHz. While push the controller right, it will transmitted a modulation signal for receiver to go forward. , When push the left key, the receiver will turning counter-clockwise.

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

- .. X1, L2, Q2 and associate components are acted as local oscillator for modulation.
- .. Q1, L1, L3, L4 and associate components are acted as RF power amplifier.

## **49.860MHZ Receiver Operational Description**

### **LC55703 RC Brewster**

The receiver of R/C Brewster is powered by 4.5V (3XAA) battery. It also has radio frequency 49Mhz. When it receiver a modulation signal from the transmitter. it will move forward or turning counter-clockwise.

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

- .. Q2 and associate components are acted as RF receiver.
- .. U2 and associate components are acted as control signal decoder.
- .. Q17/Q18. Q23 ~ Q26 and associate components are acted as motor driving.