

## **The Function Introduction**

- c. Using Timing sharing for data transmission
- d. 4 function including forward, backward, left and right

### **3. Tx (49MHZ)**

Tx is supplied by a 9v battery and regulate 3V3 to IC PT8A977BDE. There are four function keys F, B, L&R to control the RC Car(forward,backward,left&right).The modulating signal from so of PT8A977 will be modulated by carrier frequency 49.860MHZ.The modulating signal will be amplified and ass through Q2&matching network to antenna.The matching network consists of C7,C8,C9,L3&L4.

### **4. Rx(49MHZ)**

Rx is supplied by AA\*6 batteries and regulate 3V3 to IC PT8A978BDE.The modulated signal is received by the antenna and demodulated.The demodulated signal will be amplified and decoding through IC PT8A978BDE.The outputs will control two motors driving forward&backward and left & right respectively.