

Operation Description for W5734 RC HW CARS2 EZ DRIVER FRANCESCO

- a. Using timing sharing for data transmission
- b. 4 function including forward, backward, left and right

1. TX(49MHZ)

TX is supplied by AA size 1.5V batteries in total 2pcs , there are four function keys: F,B,L&R to control the RC car(forward, backward, left & right).The GPRC205A IC is within code generator and high frequency oscillator. From the 3th pin, the 4th pin of IC and crystal generated producing 49.860MHz high frequency signal, passing through the amplifier of within IC GPRC205A, the modulated high frequency signal exported to the matching network which is consist of L1,C5,C7,L3,C8,L4,L5 by the 5th pin of GPRC205A IC.

2. RX(49MHZ)

Rx supplied by AA size 1.5V batteries in total 3pcs, after regulating 3.3V to IC GPRC206A.The modulated signal is received by the antenna which is demodulated through super generator circuit. The demodulated signal will be amplified and decoding through IC GPRC206A.Then the outputs will control tow motors driving forward , backward, left & right respectively.