

## Operation Description for RC FORD F-150 YELLOW

### Tx (49MHz)

The transmitter is powered by 2x1.5V AAA size batteries. The GPRC205A IC is an encoder generates different codes to control to receiver. The crystal Y1 is an oscillator circuit for generates the 49.860MHz radio frequency channel.

### Rx (49MHz)

The receiver is powered by 4x1.5V AA size batteries. A transistor Q2 is regulating to 3.3V for decoder IC SPRC206A. When a super regenerator received a radio control signal, it will control the car running to Forward, Backward, Turn Left and Turn Right through an amplifier and decoder IC SPRC206A.