

TX

1. Power control

Regulate 9V to 5V through power circuit including Q1 S8050 and D1 5.6V zener diode. The regulated 5V voltage will be supplied to U1 TX IC GPRC11A.

2. Key encoder

Encode 8 keys S1-S8 (Forward/Backward, Left/Right, Wheel Spinning, Front/Rear up & All-in-one) in U1. There is a 4-position ID switch SW DIP-2 to select different RC car ID.

3. Encoded signal is modulated with carrier frequency 49.86MHz. The signal will be amplified through Q3, matching network & radiated from antenna.