

TX (27MHz)

TX is supplied by a 3V battery to the IC GPRC205A. there are four function keys S1, S2, S3 & S4 to control the RC car (left, right, backward & forward). The modulating signal from RF0 of GPRC205A will be modulated by carrier frequency 27.145MHz. The modulated signal will be amplified and matching network to antenna. The matching network consists of L1, C12 & L5. C11,L4. This is one more Slide switch SW1. Once switch “ON” for this switch, there is reverse in LEFT-RIGHT and FORWARD-BACKWARD control signal to the IC. (S1 and S2 function key will be reversed. S3 and S4 function key will be reversed)

RX (27MHz)

RX is supplied by AA x 4 batteries and regulate 3V3 to the IC GPRC206A. The modulated signal is received by the antenna and demodulated. The demodulated signal will be GPRC206A for decoding. The outputs will control two motors driving left & right and forward & backward respectively.