

Transmit Mode:

When TX. Unit switch "on", Q2 and the crystal produce a transmit frequency. Press one of the key "F" "B" "L" "R" "UP" "DOWN" "SOUND", the TX. -IC give the encoded signal out and modulation to Q1. After amplifier the signal, then it transmit out from the antenna.

Receiver Mode:

The signal received from the antenna and pass to "Band pass filter". After the local oscillation and detection, it detect the signal from Q1. The signal go to the Encoder IC. (U1). after encoder, the signal can control the motor for "F" "B" "L" "R" "UP" "DOWN" and the sound output. "Q2, Q5, Q6" control forward. "Q3, Q4, Q7" control backward. "Q8, Q11, Q12" control left. "Q9, Q13, Q10" control right. "Q14, Q15, Q16, Q17, Q18, Q19, Q20, Q21" control up and down. "U2" is the sound IC. "Q23, Q24, Q25, Q26, Q27" control the sound and the motor.