

### **Transmission Block Diagram Functional Description:**

- 1.) The transmission IC will encode the Forward, Backward, Right, Left, and 2 Motor key, and send out the encoded signal.
- 2.) All signals are encoded with the oscillation frequency together by the built-in oscillator circuit.
- 3.) The modulation signal is amplified and then sent out with the carrier frequency.

### **Receiver Block Diagram Functional Description:**

- 1.) Signal received; the IC will amplify the signal and then demodulate it.
- 2.) Demodulated signal will send to circuit, and filter out the unusable signal.
- 3.) The motion of Forward, backward, left, right, and 2 motor will be controlled by the analyzed signal.