

Operational Description (FCCID:2AAAY201306678)

The device is the 49MHz transmitter of remote control boat. The transmitter is operating at 49.86MHz and powered by DC 9V (one 6F22 battery). The device having four control keys control moving forward and backward; and left and right turn. The control signals from the four control keys are encoded by IC1 and send the code to modulator, Q3 which is connected to the oscillator X1 and Q2 and modulated by Pulse Code Modulation. The modulated signal goes through the RF filter C7, C6 and L1 to transmit out by the integral antenna.