

Model No.239CH/238CH/256CH-27.145MHz

CIRCUIT DESCRIPTION

In transmitter, press the Forward, Backward, Left or Right, Reset, output IC1 pin 10 supply encoding signal. Q2& X1 is a crystal oscillator of 27.145MHz frequency. Q1 is modulator. Output of Q1 drives the transformer L1. The antenna is coupled to the modulator by the transformer.

In receiver L1 is tuning 27.145MHz frequency. And Q1 is a RF amplifier and detector stage. IC1 is a signal amplifier and decoder, it controls the output of IC1 pin12, 13, 7,9 and pin6. Q2, Q3, Q4, Q5, Q6, Q7 are Forward And Backward motor driver, and Q10, Q11, Q12, Q13, Q14, Q15 are Left Right motor driver. Q18, Q19, Q20, Q21, Q22, Q23 are Reset and Distortion motor driver.

ANTENNA AND GROUND CIRCUITRY

This unit makes use of an external flexible Long: 91cm Short: 18cm long antenna. The antenna is inductively coupled. The unit relies on the ground tract of the printed circuit board No external ground is provided. Energy is supplied a 12V battery.

Model No.226CH/0956CH/0927CH-27.145MHz

CIRCUIT DESCRIPTION

In transmitter, press the Forward, Backward, Left or Right, Reset, output IC1 pin 10 supply encoding signal. Q2& Y is a crystal oscillator of 27.145MHz frequency. Q1 is modulator. Output of Q1 drives the transformer L1. The antenna is coupled to the modulator by the transformer.

In receiver L1 is tuning 27.145MHz frequency. And Q1 is a RF amplifier and detector stage. IC1 is a signal amplifier and decoder, it controls the output of IC1 pin12, 13, 8,9 and pin6. Q2, Q3, Q4, Q5, Q6, Q7 are Forward And Backward motor driver, and Q10, Q11, Q12, Q13, Q14, Q15 are Left Right motor driver. Q18, Q19, Q20, Q21, Q22, Q23 are Reset and Distortion motor driver.

ANTENNA AND GROUND CIRCUITRY

This unit makes use of an external flexible Long: 47cm Short: 10.5cm long antenna. The antenna is inductively coupled. The unit relies on the ground tract of the printed circuit board No external ground is provided. Energy is supplied a 9V battery.