

Model : BY3E894

Circuit Description

In the transmit mode the momentary switches FORWARD, REVERSE, RIGHT, LEFT, S1, S2, S3 & S4 provide input to the encoder integrated circuit U1. The output of U1 modulates the RF oscillator Q2 by varying the bias voltage on the base of Q2, the RF output stage. The RF frequency is determined by the crystal Y1 for the crystal oscillator Q1. The output of Q1 is coupled to Q2 the output stage via C2. From Q2 the signal is fed through a low pass filter made up of C8, C9, C10 and L3 to the antenna.