

Circuit Description:Tx

The transmitter is powered with a 12v DC battery B1. The transmitter control circuit is formed with a push button J1, transmitter Q1 (9014C). When J1 is pressed, it turns on the Q1, LED1 is lighted as to indicate the transmitter is turned on. depending on the dip switches SW1 setting, U1 (PT48R062) is an encoder that encodes the SW1 setting into proper format, the encoded signal then is output serially to Q2 (8050)and Q3 (8550) This encoded signal then modulated by the modulator that is formed with a SAW resonator Y2 (433MHz) and a transistor Q4 (2SC3356). The modulated signal is fed into the antenna circuit L1, L2, L3, and radiated out.