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SL2300 Operational Circuit Description

The MT-5/MR5 are a pair of CMOS LSIs designed from remote controlled car applications. The MT5/MR5 have nine control keys controlling the motions (i.e... Forward, Backward, Rightward, Leftward, Trigger 1-4 functions and Turbo function) of the remote controlled car.

MT-5 is a control signal encoder integrated circuit that generates control signals when the user presses one of the control keys. Then control signal is amplified by Q1 and modulated to a high frequency signal, which generated from oscillator composed by Q2 and XTAL. Modulated signal is then coupled through the filter composed by C1 and L2 and L3 to antenna.

VCC and Ground

AA battery x 2 is the power supply for the transmitter only. No external power is need.