

P-51 Mustang Circuit Signal Description

U1 is the MCU of transmitting circuit. U1 can provide all kinds of controlling signals by circuit, which includes motor drive, ascendant, descent, left-turn, and right-turn. Crystal Y1 produces basic and high frequency signal 27.195MHz by applying Q4's nonlinearity magnification function. The signal output by U1 will via D2, go to Q2, Q1 and L1, then become a 27.195MHz AM signal, and magnified by RF, finally, transmit via C14 and L3 by transmitting antenna.