

Operational Description

1. Audio
 - 1) MIC AMP(N1)

This amplifiers the voice signal of 50Hz~15KHz by about 20dB and makes pre-emphasis features of 50us.
 - 2) Regulator (N2)

This makes standard voltage for MIC AMP and RF part being supplied power from 9V Battery.
2. RF
 - 1) Oscillator (VT3)

This is a transmitting carrier oscillator that modulates the voice signal supplied for Audio to frequency and then oscillates third-time overtone and becomes standard oscillation for RF Carrier.
 - 2) MULTI (VT4)

This multiplies the frequency oscillated from VT3(FREQ: 2 multiplied frequency)
 - 3) MULTI (VT5)

This also multiplies the frequency multiplied in VT4.(FREQ: 2 multiplied frequency)
 - 4) Buffer

This doesn't make the antenna affect the internal circuit when connecting the antenna and final carrier multiplied from VT6.