3141 TX OPERATION PRINCIRLE

The #3141 TX operates basing on the controlling signals encode by IC NY5A003A;Afer modulation,the hight frequency 27.145MHz oscillatory signals were emitted to control the progress,retreat functions for the RX.

The modulation type is AM.

Circutis' composition:

Power circuit; encoding circuit; high frequency oscillatory circuit; modulator and amplifier circuit.

1. Power circuit:

   9.0V, SW1, R1, R2, R3, C1, C2, C3, ZW

2. encoding circuit:

   Forward , backward, left, right, reset, ID1, ID2, U1(NY5A003A)

3. high frequency oscillatory circuit:

   Y1, R5, L1, Q1, D1, C4, R4, R6, C5, Q3, C6, C7, C8, R7, R8

4. modulator and amplifier circuit:

   Q2, L2, C10, C11, T1, C12, L3, ANT1