

The description of 2.4G transmitter product theory
(NE-TXOS222B)

This is a product of 2.4GHz wireless telecontrol, its working frequency is 2.4GHz. The transmitter sends the telecontrol coding signal by high-frequency carrier wave, and the transmitter uses four -cell AA batteries.

Frequencies(channels):2400—2483.5MHz

Channel No.1, 2410 MHz

Channel No.28, 2430 MHz

Channel No.48, 2450 MHz

Modulation type:GFSK

1. The transmitter circuit composition:

Power supply: comprise 4-cell AA batteries and S7, U1 , C1~C3, R1~R12

The coding part: comprises U3.

Controlkeys:VR1,VR2,VR3,VR4,C18~C21 ,S1,S2,S3,S4,S5,S6, ,S8~S15,

LCD Show: U2,R3, C4,LCD.

High frequency transceiver circuit: U5, Y1, ANT,L1~L3,C6~C15.

Buzzer part:Q1,R31,D1,Buzzer.