

## Circuit Description

Item	Description	Function	Component
1	CPU	MCU,it controls the Volume of IC4(NJU7392) and I/O data of IC4,M1(DIO-T010L02V2.1)	IC3
2	Oscillator	The 11.0592MHz crystal oscillator drives the base of IC3(12LE5608AD) the high frequency amplifier	X2
3	Button	Perform relevant function	K1,K2
4	2.4GHz Transmit Module	The modulated ,amplified audio signal from IC4(NJU7392),the modulated RF signal then passes through the matching network to the antenna. Transmit the modulated RF signal	M1
5	Antenna	Transmit modulation RF signal	ANT.
6	Supply	3.3VDC from iPod	iPod3

Type of modulation:FSK modulation

Type of antenna:internal,wire antenna.

### Operation Frequency each of channel

Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2404MHz	15	2432MHz	29	2460MHz
2	2406MHz	16	2434MHz	30	2462MHz
3	2408MHz	17	2436MHz	31	2464MHz
4	2410MHz	18	2438MHz	32	2466MHz
5	2412MHz	19	2440MHz	33	2468MHz
6	2414MHz	20	2442MHz	34	2470MHz
7	2416MHz	21	2444MHz	35	2472MHz
8	2418MHz	22	2446MHz	36	2474MHz
9	2420MHz	23	2448MHz	37	2476MHz
10	2422MHz	24	2450MHz	38	2478MHz
11	2424MHz	25	2452MHz		
12	2426MHz	26	2454MHz		
13	2428MHz	27	2456MHz		
14	2430MHz	28	2458MHz		