TD3600 CIRCUIT EXPLANATION

(FCC ID:CVTTD3600H)

1)TR1 and TR2 forms the Action signal oscillator.

2)TR3 form Radio Frequency oscillator.

3)The Amplitude Modulation of the Radio Frequency is performed in TR4 by placing the waves on Audio Frequency.

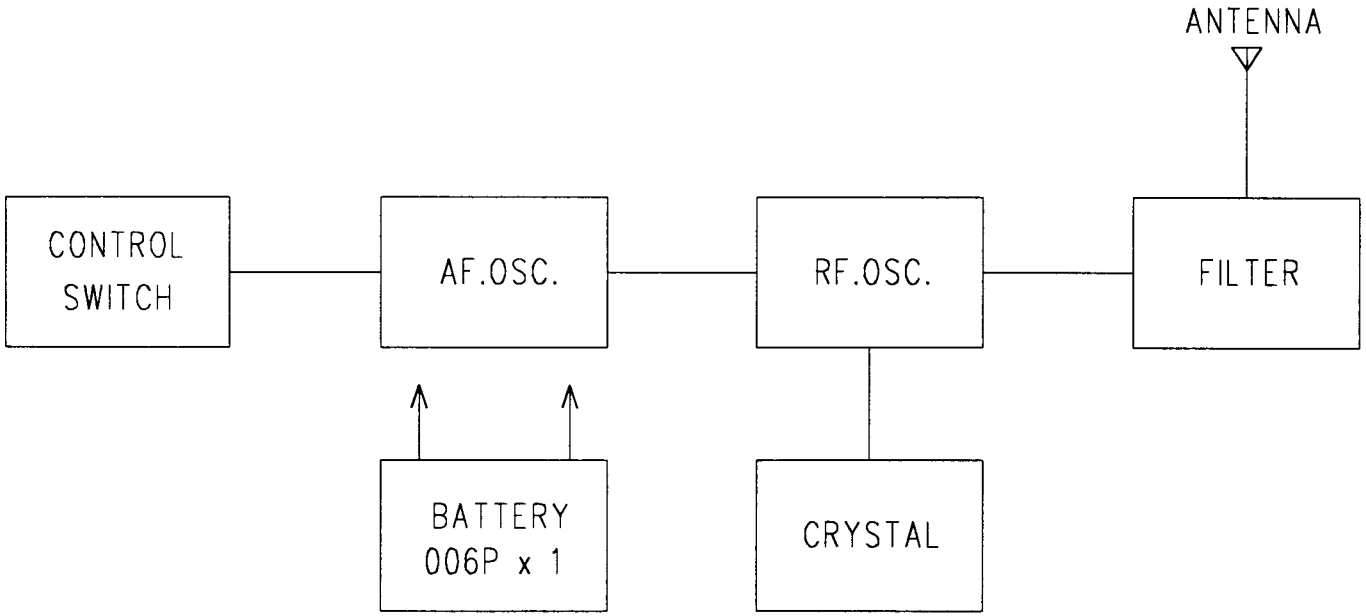
4)AM. waves are output into the collector of TR4,passed through the filter, and is transmitted from the Antenna.

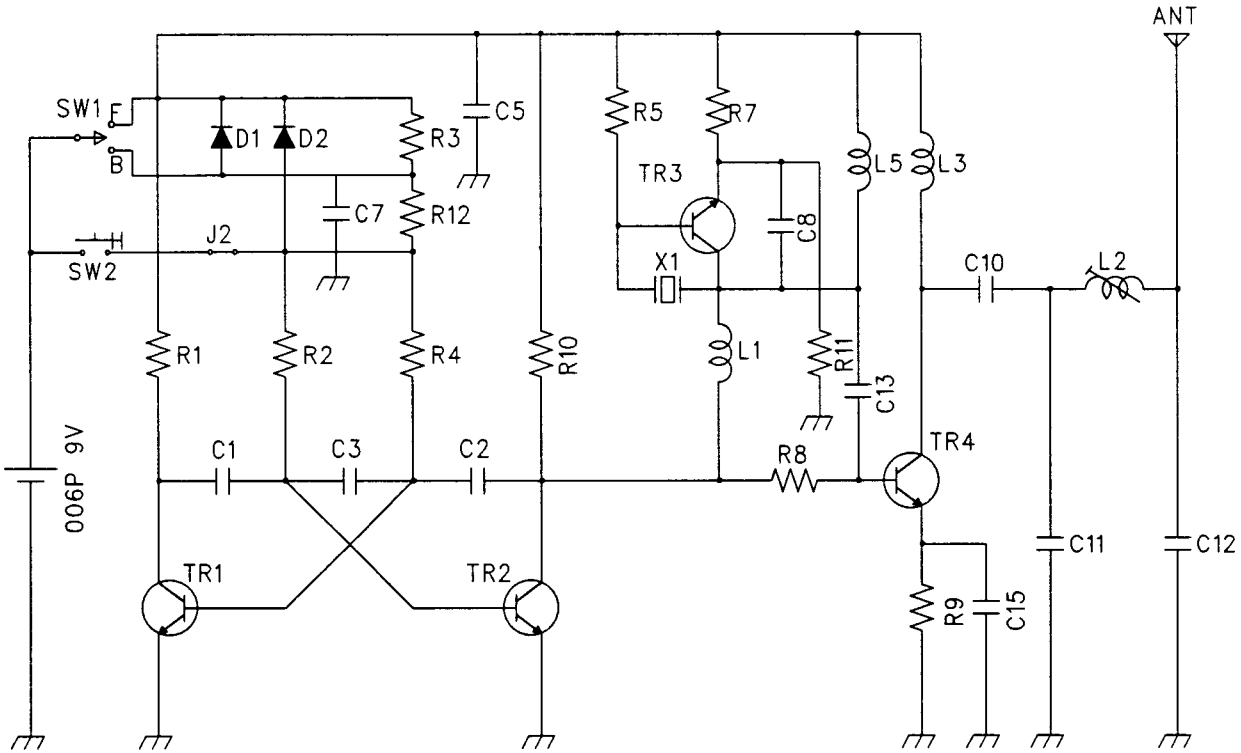
NIKKO CO.,LTD.

R&D DEPT. Y.Maeda

PCB:NO.TD3600 TRANSMITTER BLOCK DIAGRAM

FCC ID :CVTTD3600H





FCC ID:CVTTD3600H

NO.TD3600 TRANSMITTER
CIRCUIT DIAGRAM

2000.1.11 MM.

NO. TD3600 PCB. PARTS LIST

FILE. NO:TD3600H

FCC ID:CVTTD3600H

2000. 1. 25

NO.	DESCRIPTION	CODE	PARTS NAME	NOTE
1	TRANSISTOR	TR1	2SC945Q or equivalent	
2		TR2	2SC945Q or equivalent	
3		TR3	2SC945Q or equivalent	
4		TR4	2SC945Q or equivalent	
5	DIODE	D1	1N4148 or equivalent	
6		D2	1N4148 or equivalent	
7	RESISTOR	R1	4. 7K	
8		R2	33K	
9		R3	150K	
10		R4	33K	
11		R5	120K	
12		R8	22K	
13		R9	100	
14		R10	4. 7K	
15		R11	220	
16		R12	18K	
17	CAPACITOR	C1	103(M)	
18		C2	103(M)	
19		C3	562(M)	
20		C5	103(C)	
21		C7	223(M)	
22		C8	5p(C)	
23		C10	22p(C)	
24		C11	47p(C)	
25		C12	5p(C)	
26		C13	22p(C)	
27		C14	-	
28		C15	103(C)	
29	INDUCTOR	L2	S115	
30		L3	SP 1uH	
31		L5	SP 1uH	
32	JUMPER	J2	0 ohm	
33	EXTRA PARTS	EP1	X'tal:49. 860MHz	CITIZEN
34		EP2	SW1:Switch plate	
35		EP3	SW2:TACT SWITCH	
36		EP4	PCB:NO. TD3600	

RESISTOR:No mark=1/6W, ±5% INDUCTOR:100mA, ±10%

CAPACITOR (C):Ceramic, 50WV, +80-20% (T):Tantalum, 35WV, ±10%

(M):Mylar, 50WV[No mark=K. rank(±10%), J. rank(±5%)]

(E):Electrolytic, 16WV, ±20% (N):Non pole Electrolytic, 16WV, ±20%