TD3610 CIRCUIT EXPLANATION

(FCC ID:CVTTD3610H)

1)TR5 forms power supply circuit.

2)TR1 and TR2 forms the Action signal oscillator.

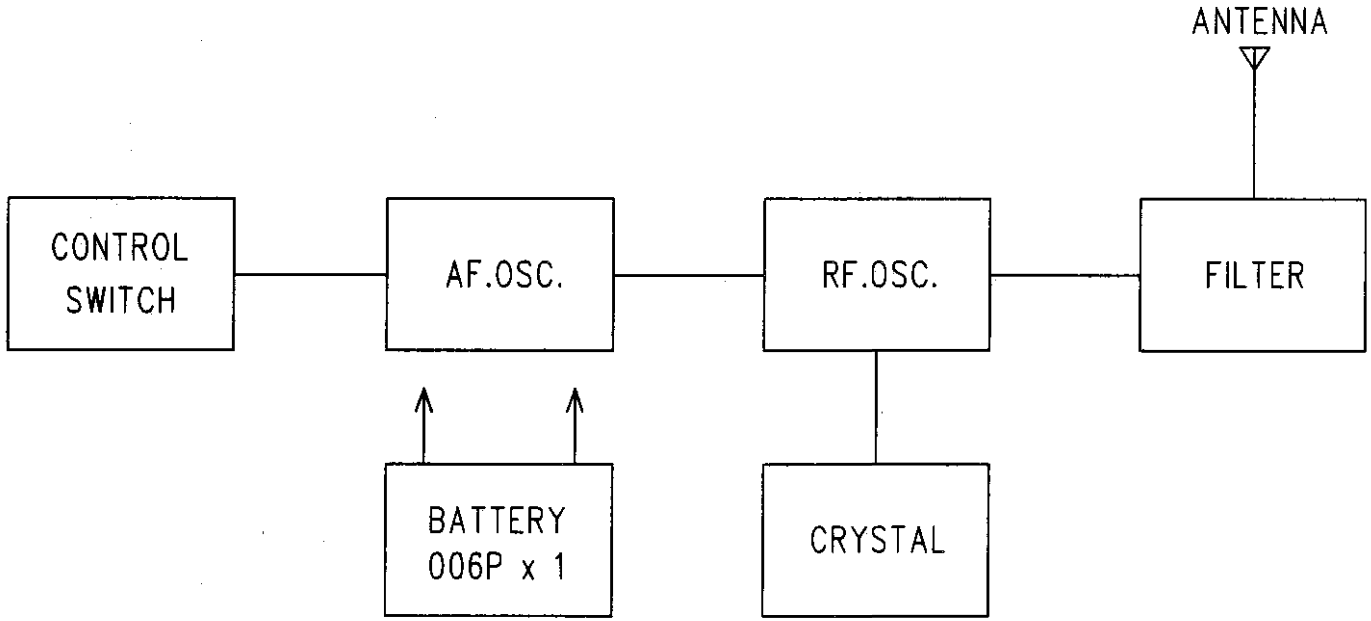
3)TR3 form Radio Frequency oscillator.

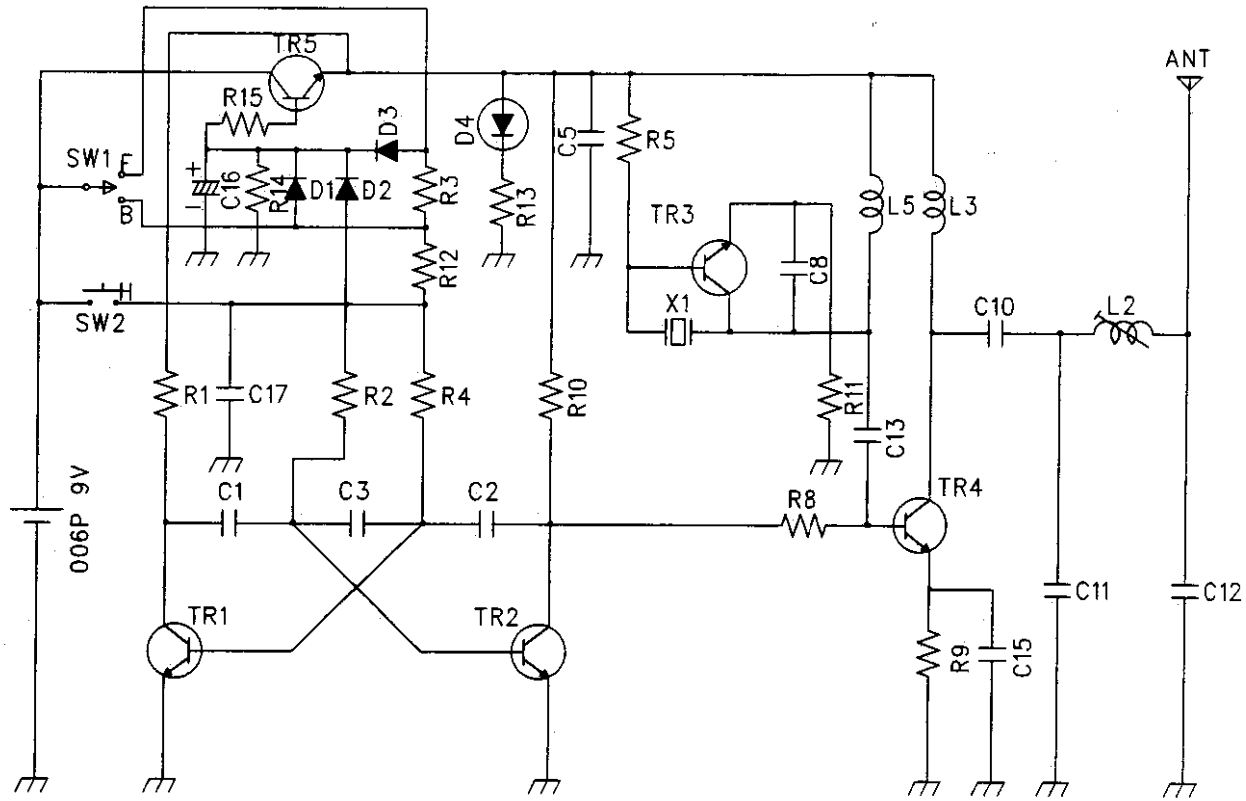
4)The Amplitude Modulation of the Radio Frequency is performed in TR4 by placing the waves on Audio Frequency.

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

PCB:NO.TD3610 TRANSMITTER BLOCK DIAGRAM

FCC ID:CVTTD3610H





FCC ID : CVTTD3610H

NO.TD3610 TRANSMITTER
CIRCUIT DIAGRAM

NO. TD3610 PCB. LIST

FCC ID : CVTTD3610H

NO.	DESCRIPTION	CODE	PARTS NAME	NOTE
1	TRANSISTOR	TR 1	2SC945Q	
2		TR 2	2SC945Q	
3		TR 3	2SC945Q	
4		TR 4	2SC945Q	
5		TR 5	2SC945Q	
6	DIODE	D 1	1SS133	
7		D 2	1SS133	
8		D 3	1SS133	
9		D 4	LED	
10	RESISTOR	R 1	4.7K	
11		R 2	27K	
12		R 3	22K	
13		R 4	22K	
14		R 5	470k	
15		R 6	-	
16		R 7	-	
17		R 8	22K	
18		R 9	100	
19		R 10	4.7K	
20		R 11	100	
21		R 12	12K	
22		R 13	1K	
23		R 14	1M	
24		R 15	4.7K	
25	CAPACITOR	C 1	223(M)	
26		C 2	223(M)	
27		C 3	562(M)	
28		C 4	-	
29		C 5	103(C)	
30		C 6	-	
31		C 7	-	
32		C 8	22p(C)	
33		C 9	-	
34		C 10	22p(C)	
35		C 11	47p(C)	
36		C 12	5p(C)	
37		C 13	5p(C)	
38		C 14	-	
39		C 15	103(C)	
40		C 16	100(E)	
41		C 17	104(C)	
42	INDUCTOR	L 2	S11.5T	
43		L 3	SP 1.0uH	
44		L 5	SP 1.0uH	
45	JUMPER	J 1	-	
46		J 2	0ohm	
47	EXTRA PARTS	EP 1	PCB:NO.TD3610	
48		2	PUSH SW:SOA 111 RS/R66 x3	
49		3	X'TAL:49.860MHz	

RESISTOR...No mark:1/6W, +-5% INDUCTOR...100mA, +-10%

CAPACITOR:(C)=CERAMIC...50WV, +80-20%

:(M)=MYLAR...50WV, No mark(K-rank):+-10%, J-rank:+-5%

:(E)=ELECTROLYTIC...16WV, +-20%

:(T)=TANTALUM...35WV, +-10%