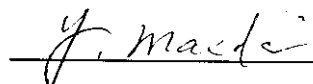


TD3610 CIRCUIT EXPLANATION

(FCC ID:CVTTD3610)

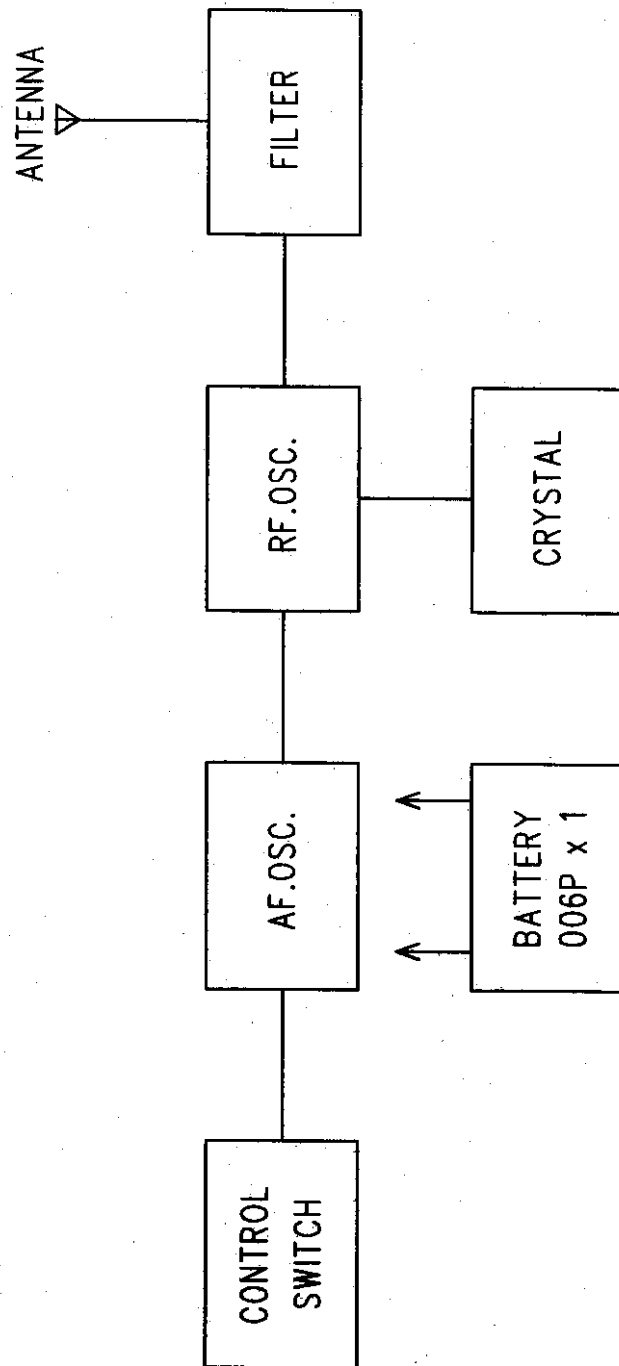
- 1)TR5 forms power supply circuit.
- 2)TR1 and TR2 forms the Action signal oscillator.
- 3)TR3 form Radio Frequency oscillator.
- 4)The Amplitude Modulation of the Radio Frequency is performed in TR4 by placing the waves on Audio Frequency.
- 5)AM. waves are output into the collector of TR4,passed through the filter, and is transmitted from the Antenna.

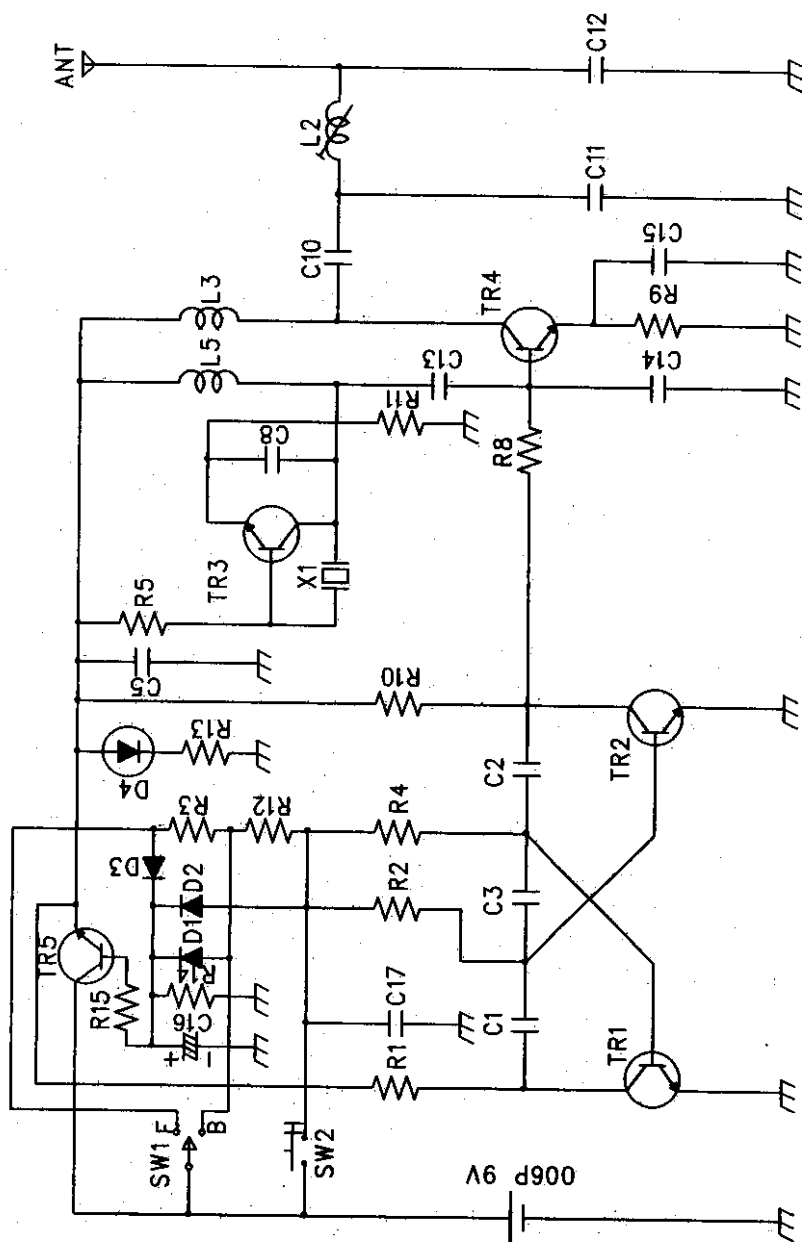
NIKKO CO.,LTD.


R&D DEPT. Y.Maeda

PCB:NO.TD3610 TRANSMITTER BLOCK DIAGRAM

FCC ID:CVTTD3610



NO.TD3610 TRANSMITTER
CIRCUIT DIAGRAM

FCC ID : CVTTD3610

NO. TD3610 PCB. LIST

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	47p (C)	
33		C 9	-	
34		C 10	47p (C)	
35		C 11	100p (C)	
36		C 12	39p (C)	
37		C 13	47p (C)	
38		C 14	47p (C)	
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 2.2uH	
44		L 5	SP 2.2uH	
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:27.145MHz	

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%