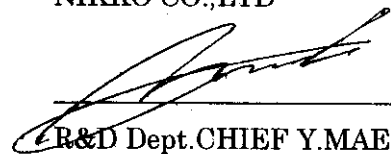


TP7750 CIRCUIT EXPLANATION

FCC ID :CVTTP7750

- 1)The power circuit status to operate when SW1 or SW2 are turn ON.
- 2)TR1 forms the Radio Frequency oscillator.
- 4)The Amplitude Modulation of the Radio Frequency is performed in TR2 by placing the waves on Audio Frequency.
- 5)AM. waves are output into the collector of TR2,passed through the filter, and is transmitted from the Antenna.

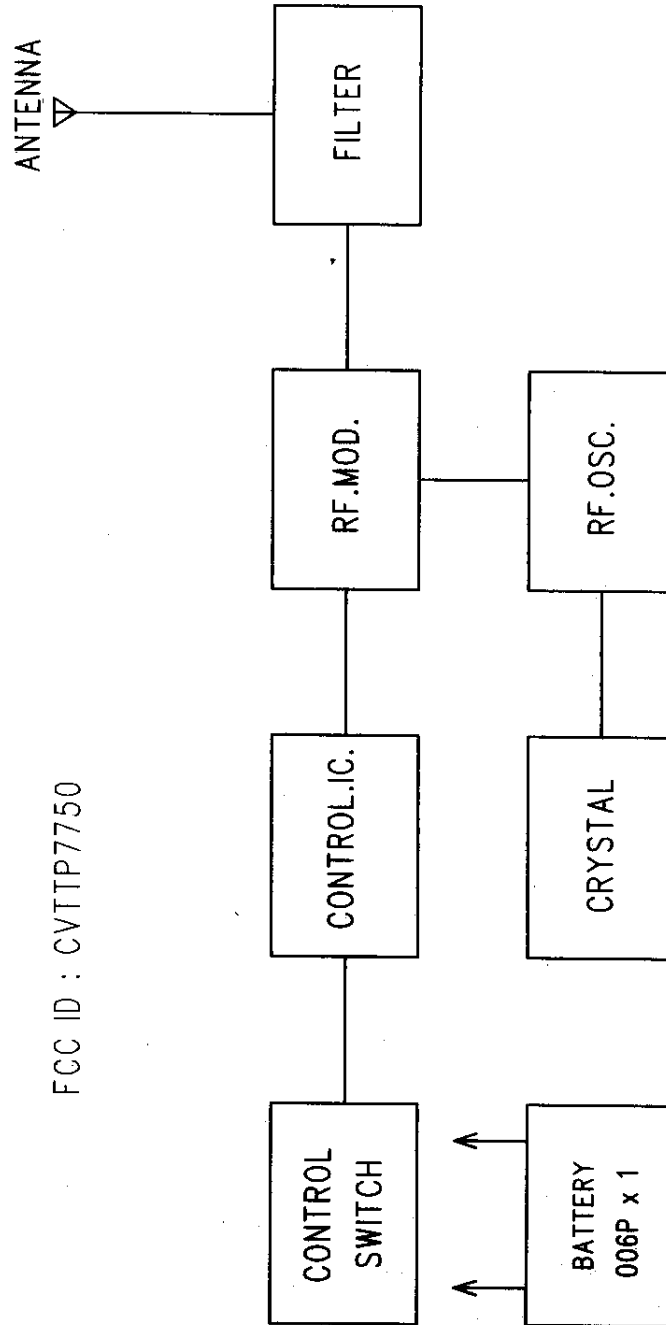
NIKKO CO.,LTD



R&D Dept.CHIEF Y.MAEDA

NO.TP7750 TRANSMITTER BLOCK DIAGRAM

FCC ID : CVTTP7750





FCC ID : CVTTP7750

NO. TP7750 PCB. PARTS LIST

FCC ID : CVTTP7750

NO.	DESCRIPTION	CODE	PARTS NAME	NOTE
1	I.C.	IC 1	PT8A977P(PERICOM)	
2	TRANSISTOR	TR 1	2SC945Q or equivalent	
3		TR 2	2SC945Q or equivalent	
4	DIODE	D 1	4.3V(ZENER)	
5		D 2	1N4148 or equivalent	
6		D 3	1N4148 or equivalent	
7		D 4	1N4148 or equivalent	
8		D 5	0 ohm	
9		D 6	0 ohm	
10		D 8	0 ohm	
11		D10	0 ohm	
12		D13	1N4148 or equivalent	
13		D14	LED:D5mm	
14		D15	1N4148 or equivalent	
15		D16	1N4148 or equivalent	
16	RESISTOR	R 1	120K	
17		R 2	270K	
18		R 3	100	
19		R 4	6.8K	
20		R 5	100	
21		R 6	33k	
22		R 7	330	
23		R 8	1K	
24	CAPACITOR	C 1	103(C)	
25		C 2	103(C)	
26		C 4	68p(C)	
27		C 5	47p(C)	
28		C 6	47p(C)	
29		C 7	103(C)	
30		C 8	47p(C)	
31		C 9	100p(C)	
32		C10	15p(C)	
33	INDUCTOR	L 1	SP 2.2uH	
34		L 2	SP 2.2uH	
35		L 3	11.5T	
36	JUMPER	J 1	0 ohm	
37		J 3	0 ohm	
38		J 5	0 ohm	
39		J 6	0 ohm	
40		J 7	0 ohm	
41	EXTRA PARTS	EP 1	X1:27.145MHz	
42		EP 2	SUP PCB:NO. S2 x 2	
43		EP 3	MAIN PCB:NO. TP7750	

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

CAPACITOR (C): Ceramic, 50WV, +80-20% (T): Tantalum, 16WV, $\pm 10\%$

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

(E): Electrolytic, 16WV, $\pm 20\%$ (N): Non pole electrolytic, 16WV, $\pm 20\%$