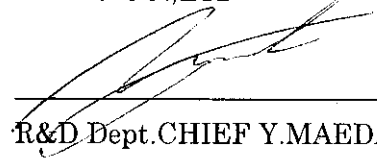


TP7740 CIRCUIT EXPLANATION

(FCC ID:CVTTP7740)

- 1)The power circuit status to operate when SW1 or SW2 are turn ON.
- 2)TR2 forms the Radio Frequency oscillator.
- 4)The Amplitude Modulation of the Radio Frequency is performed in TR3 by placing the waves on Audio Frequency.
- 5)AM. waves are output into the collector of TR3,passed through the filter, and is transmitted from the Antenna.

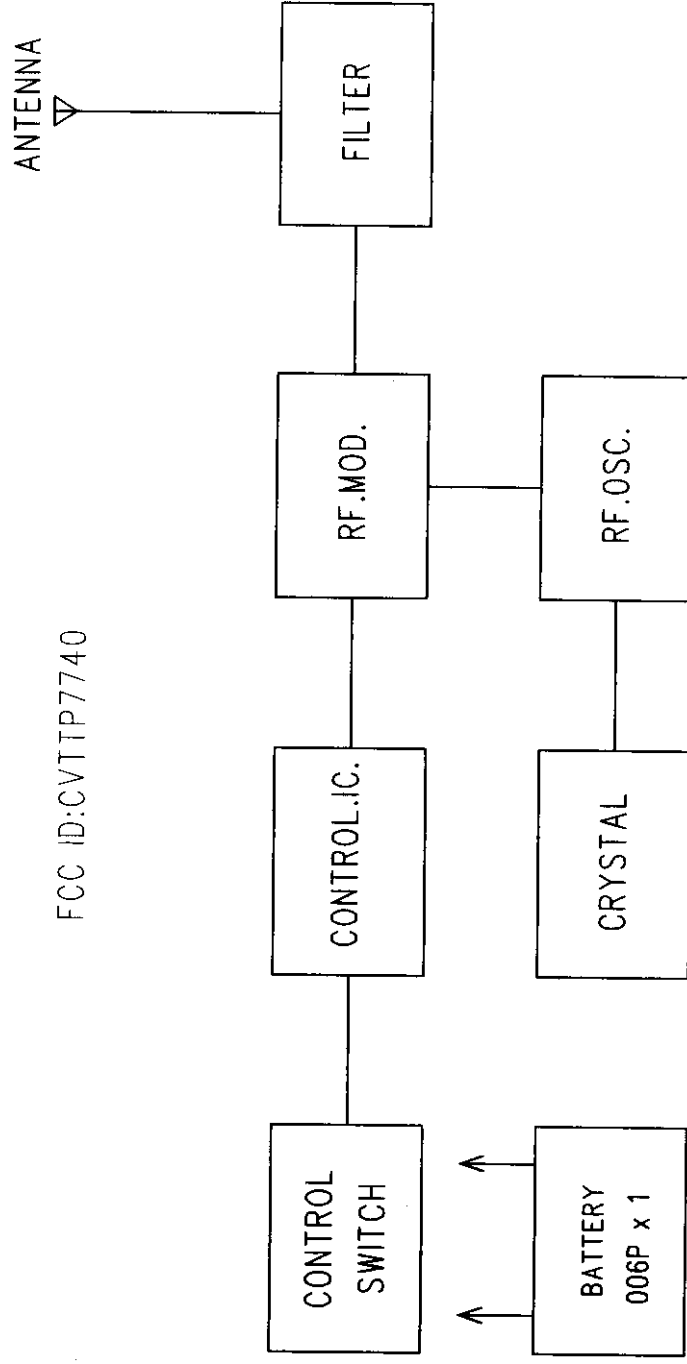
NIKKO CO.,LTD

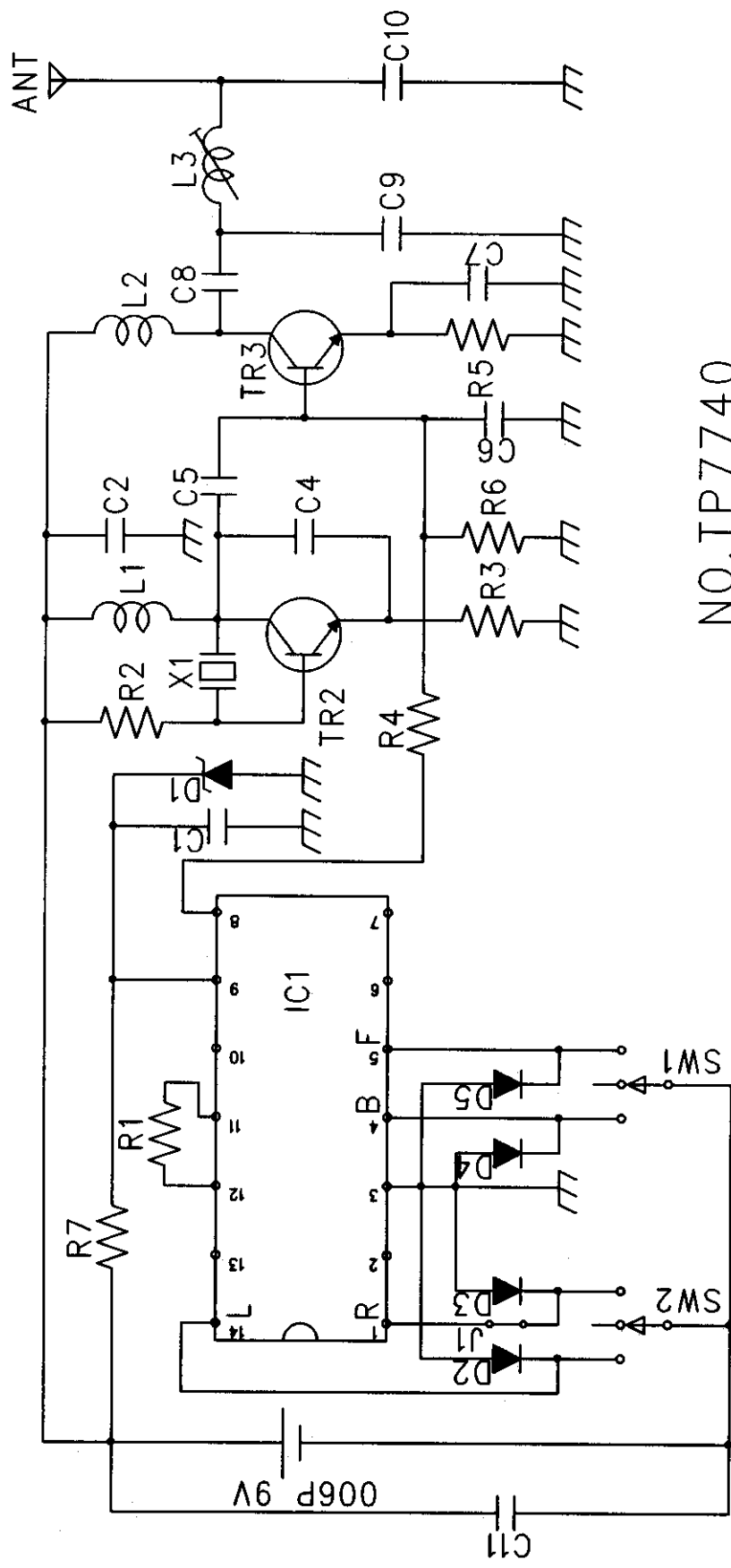


R&D Dept. CHIEF Y. MAEDA

NO.TP7740 TRANSMITTER BLOCK DIAGRAM

FCC ID:CVTTP7740





NO.TP7740
CIRCUIT DIAGRAM

FCC ID:CVTTP7740

NO. TP7740 PCB. PARTS LIST

FCC ID:CVTTP7740

NO.	DESCRIPTION	CODE	PARTS NAME	NOTE
1	I. C.	IC 1	PT8A977P (PERTCOM)	
2	TRANSISTOR	TR 2	2SC945Q or equivalent	
3		TR 3	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	1N4148 or equivalent	
9	RESISTOR	R 1	220K	
10		R 2	270K	
11		R 3	100	
12		R 4	6.8K	
13		R 5	100	
14		R 6	33k	
15		R 7	330	
16	CAPACITOR	C 1	103 (C)	
17		C 2	103 (C)	
18		C 4	68p (C)	
19		C 5	47p (C)	
20		C 6	47p (C)	
21		C 7	103 (C)	
22		C 8	47p (C)	
23		C 9	100p (C)	
24		C10	15p (C)	
25	INDUCTOR	L 1	SP 2.2uH	
26		L 2	SP 2.2uH	
27		L 3	11.5T	
28		L 4	0 ohm	
29	JUMPER	J 1	0 ohm	
30	EXTRA PARTS	EP 1	X1:27.145MHz	
31		EP 2	SUP PCB:NO. S2 x 2	
32		EP 3	MAIN PCB:NO. TP7740	

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, $\pm 20\%$