

FCC ID : CVTTP6770

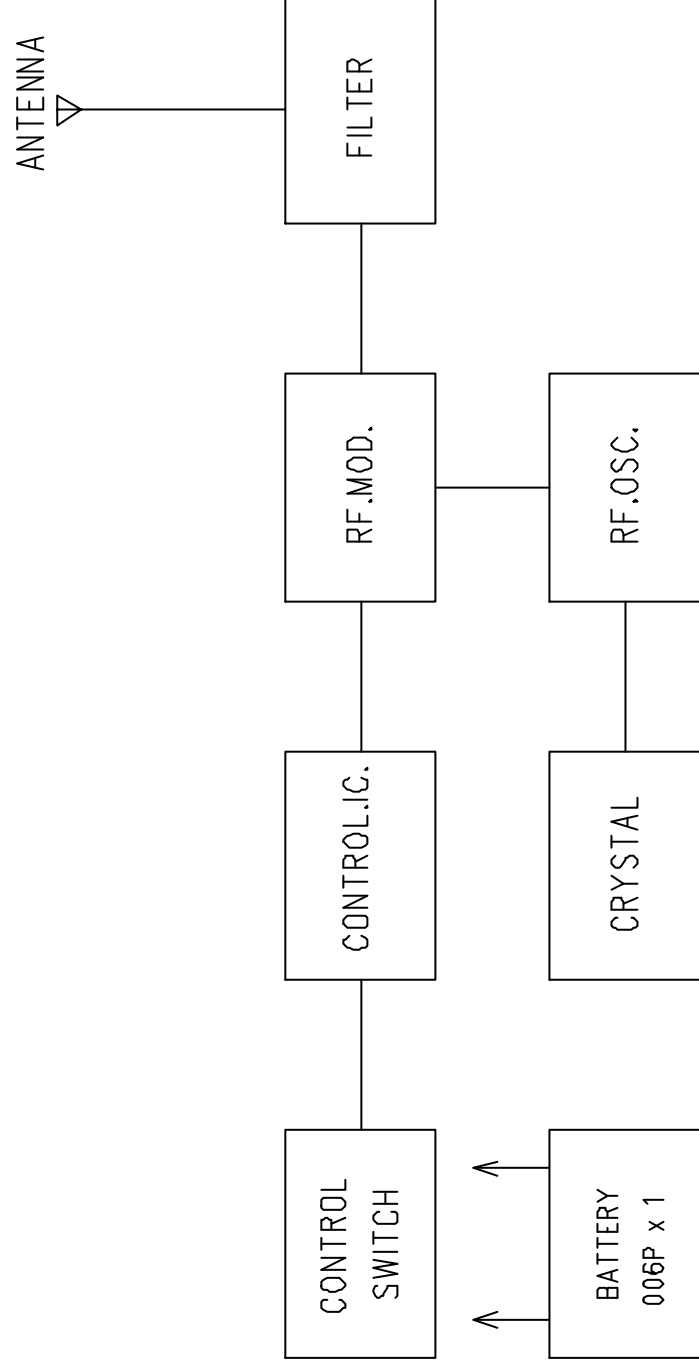
TP6770 CIRCUIT EXPLANATION

- 1)The power circuit status to operate when SW(1-4) are turn ON.
- 2)TR3 forms the Radio-Frequency(27.145MHz) 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

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FCC ID : CVTTP6770
NO.TP6770 TRANSMITTER BLOCK DIAGRAM



NO.TP6770 PCB.PARTS LIST

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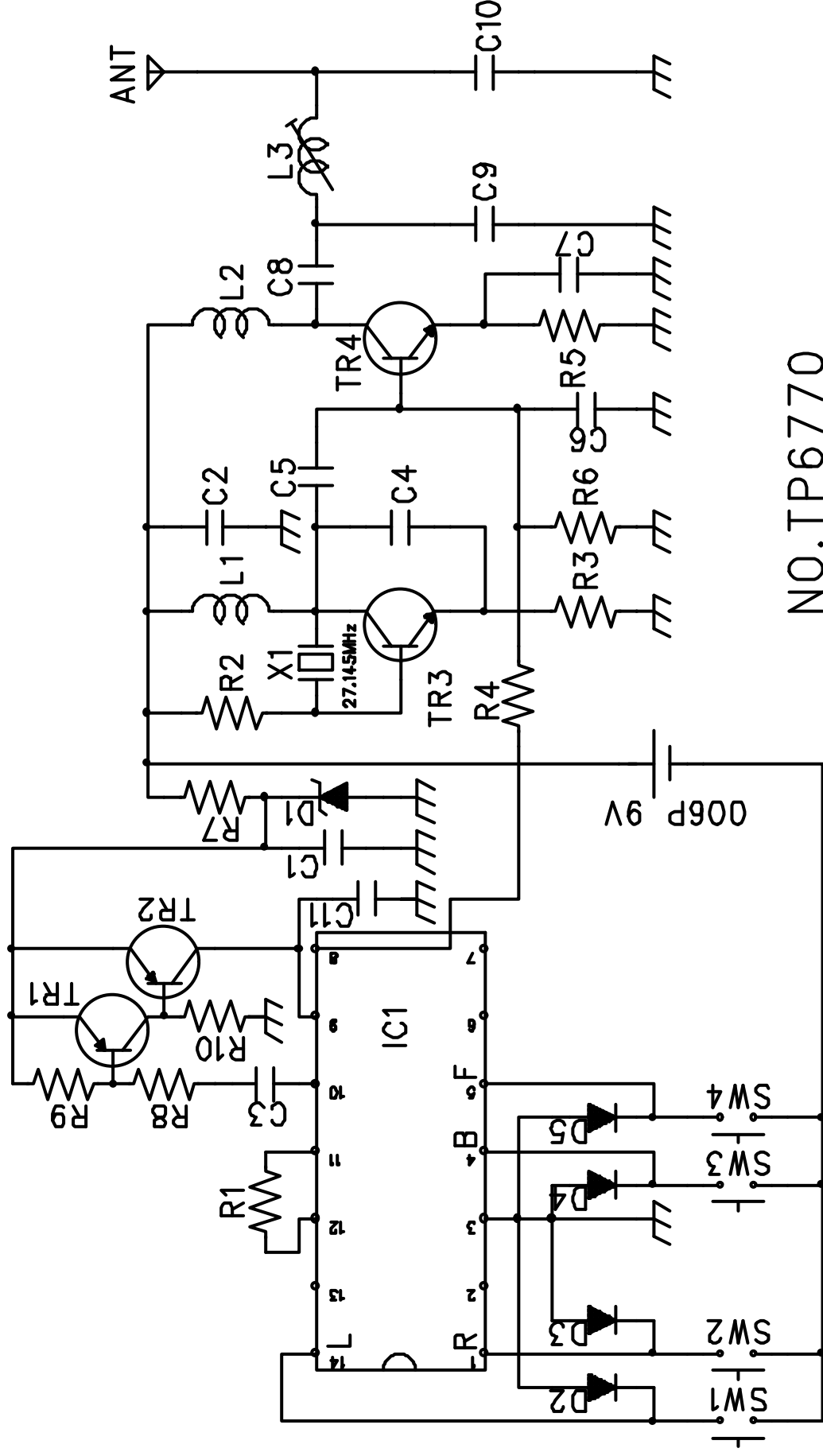
NO.	DESCRIPTION	CODE	PARTS NAME	NOTE
1	I.C.	IC 1	PT8A977P(PERICOM)	
2	TRANSISTOR	TR 1	2SA733Q or equivalent	
3		TR 2	2SA733Q or equivalent	
4		TR 3	2SC945Q or equivalent	
5		TR 4	2SC945Q or equivalent	
6	DIODE	D 1	4.3V(ZENER)	
7		D 2	1N4148 or equivalent	
8		D 3	1N4148 or equivalent	
9		D 4	1N4148 or equivalent	
10		D 5	1N4148 or equivalent	
11	RESISTOR	R 1	120K	
12		R 2	270K	
13		R 3	100	
14		R 4	6.8K	
15		R 5	100	
16		R 6	33K	
17		R 7	330	
18		R 8	100K	
19		R 9	100K	
20		R10	10K	
21	CAPACITOR	C 1	103(C)	
22		C 2	103(C)	
23		C 3	103(M)	
24		C 4	47p(C)	
25		C 5	47p(C)	
26		C 6	47p(C)	
27		C 7	103(C)	
28		C 8	47p(C)	
29		C 9	100p(C)	
30		C10	39p(C)	
31		C11	103(C)	
32	INDUCTOR	L 1	SP 2.2uH	
33		L 2	SP 2.2uH	
34		L 3	S115	
35	EXTRA PARTS	EP 1	X1:27.145MHz	49U. type
36		EP 2	SW1,2,3,4 : SOA 111 RS/R66(1-1)	
37		EP 3	PCB:NO.TP6770	

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

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

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

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



NO.TP6770
CIRCUIT DIAGRAM

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(FREQUENCY:27.145MHZ)