FCC ID : CVTTP6770H

TP6770 CIRCUIT EXPLANATION

1)The power circuit status to operate when SW(1-4) are turn ON.

2)TR3 forms the Radio-Frequency(49.860MHz) oscillator.

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

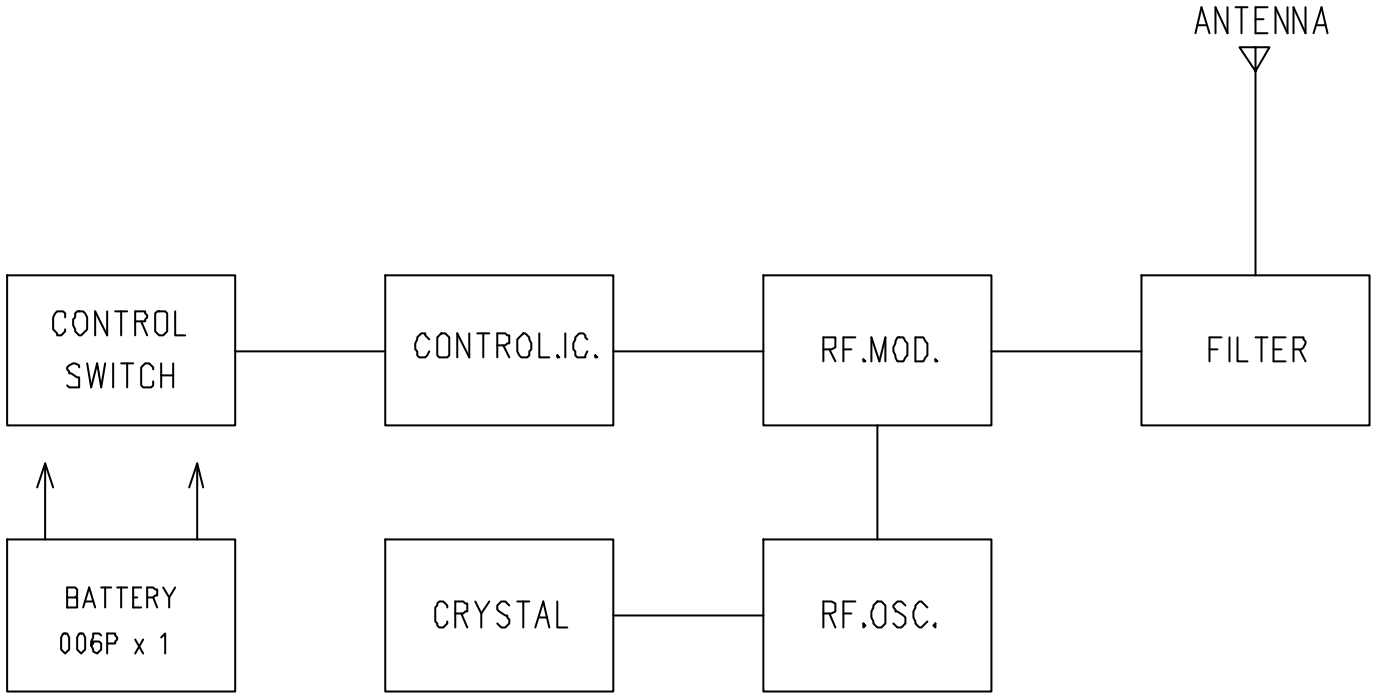
5)AM. waves are output into the collector of TR4,passed through the filter, and is transmitted from the Antenna.

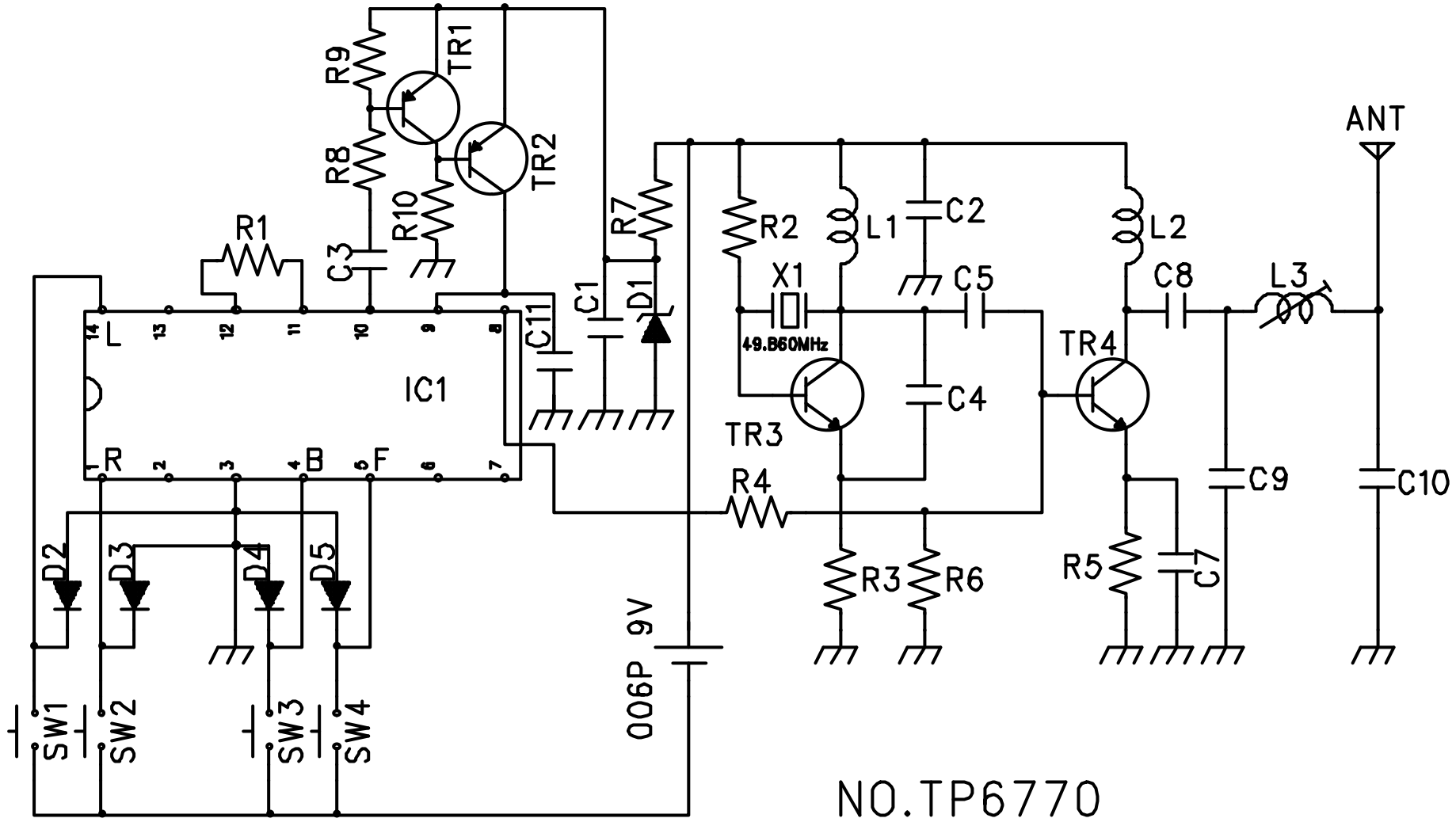
NIKKO CO.,LTD

R&D Dept.CHIEF Y.MAEDA

FCC ID : CVTTP6770H

NO.TP6770 TRANSMITTER BLOCK DIAGRAM





NO.TP6770
CIRCUIT DIAGRAM

FCC ID:CVTTP6770H

(FREQUENCY:49.860MHz)

NO.TP6770 PCB.PARTS LIST

FCC ID : CVTTP6770H

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	120K	
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	22p(C)	
25		C 5	5p(C)	
26		C 6	-	
27		C 7	103(C)	
28		C 8	22p(C)	
29		C 9	47p(C)	
30		C10	5p(C)	
31		C11	103(C)	
32	INDUCTOR	L 1	SP 1uH	
33		L 2	SP 1uH	
34		L 3	S115	
35	EXTRA PARTS	EP 1	X1:49.860MHz	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%