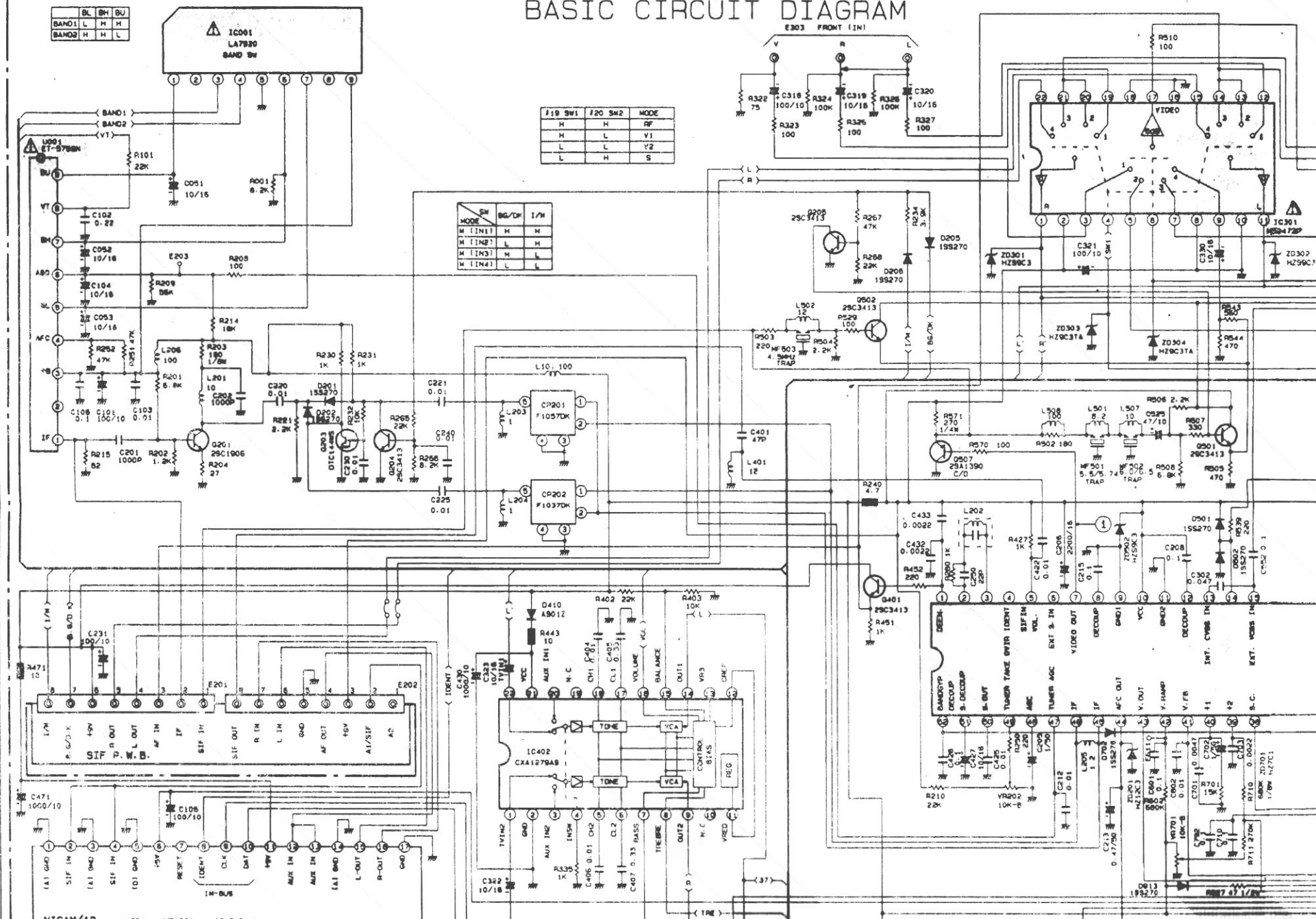
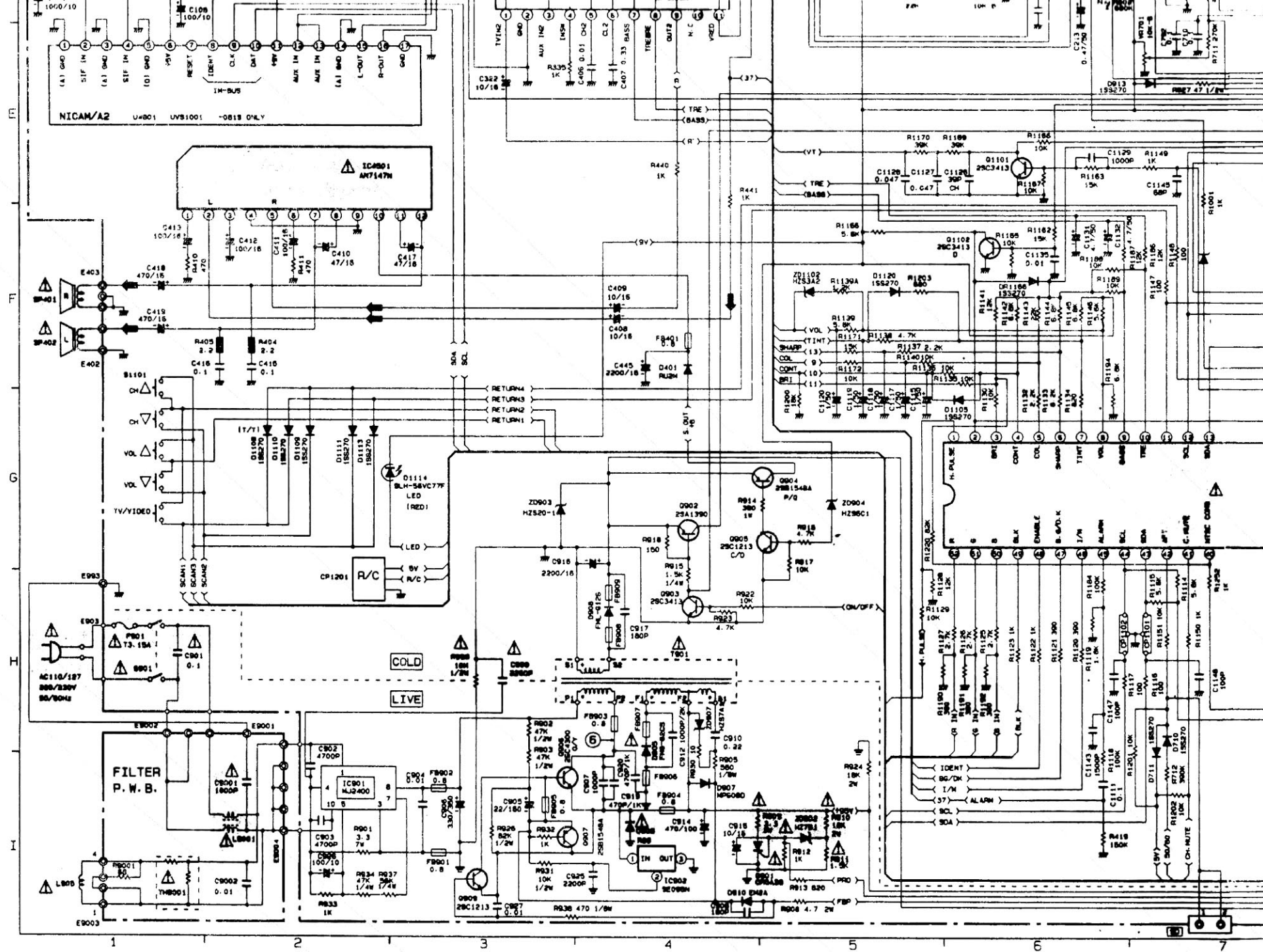
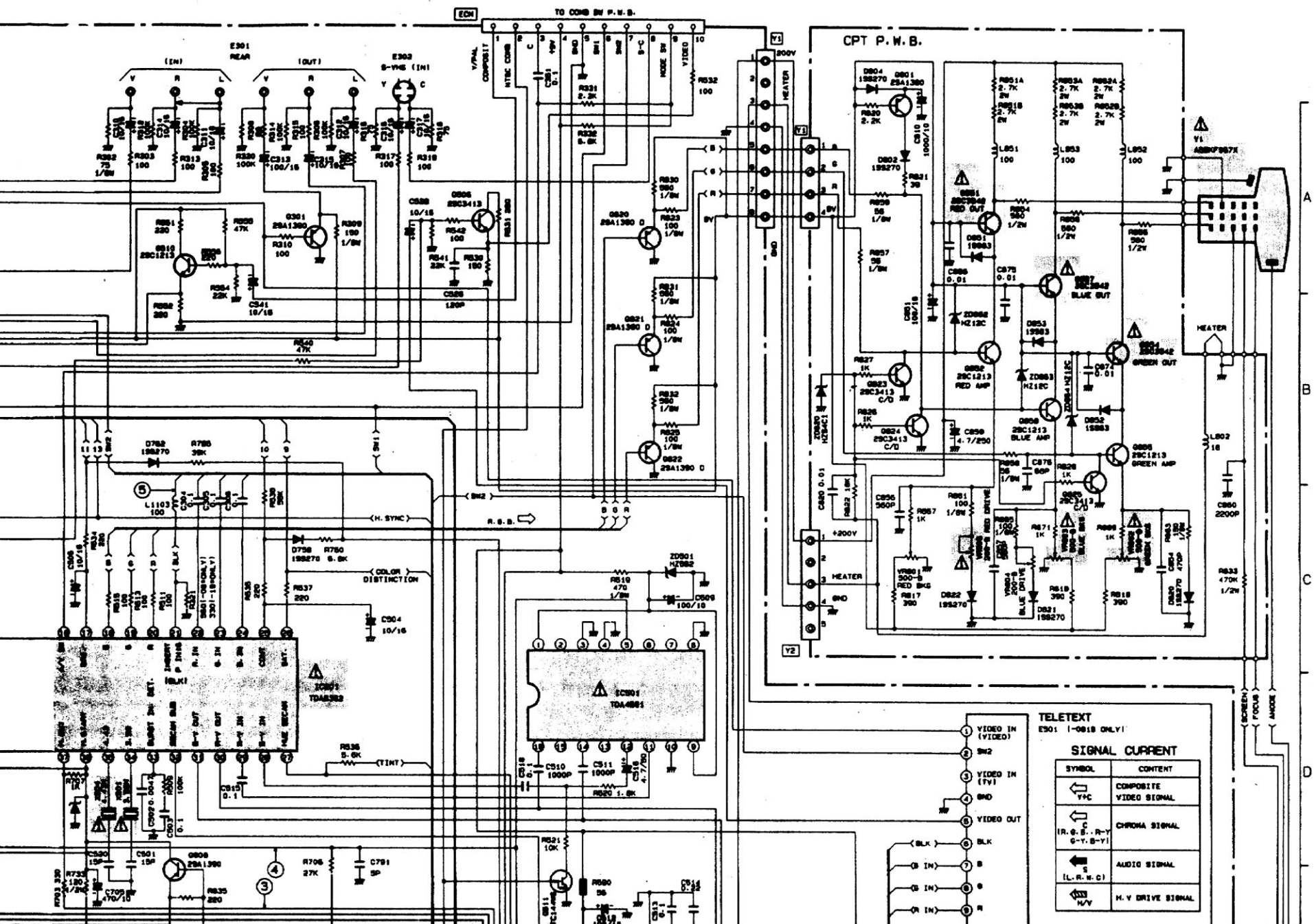
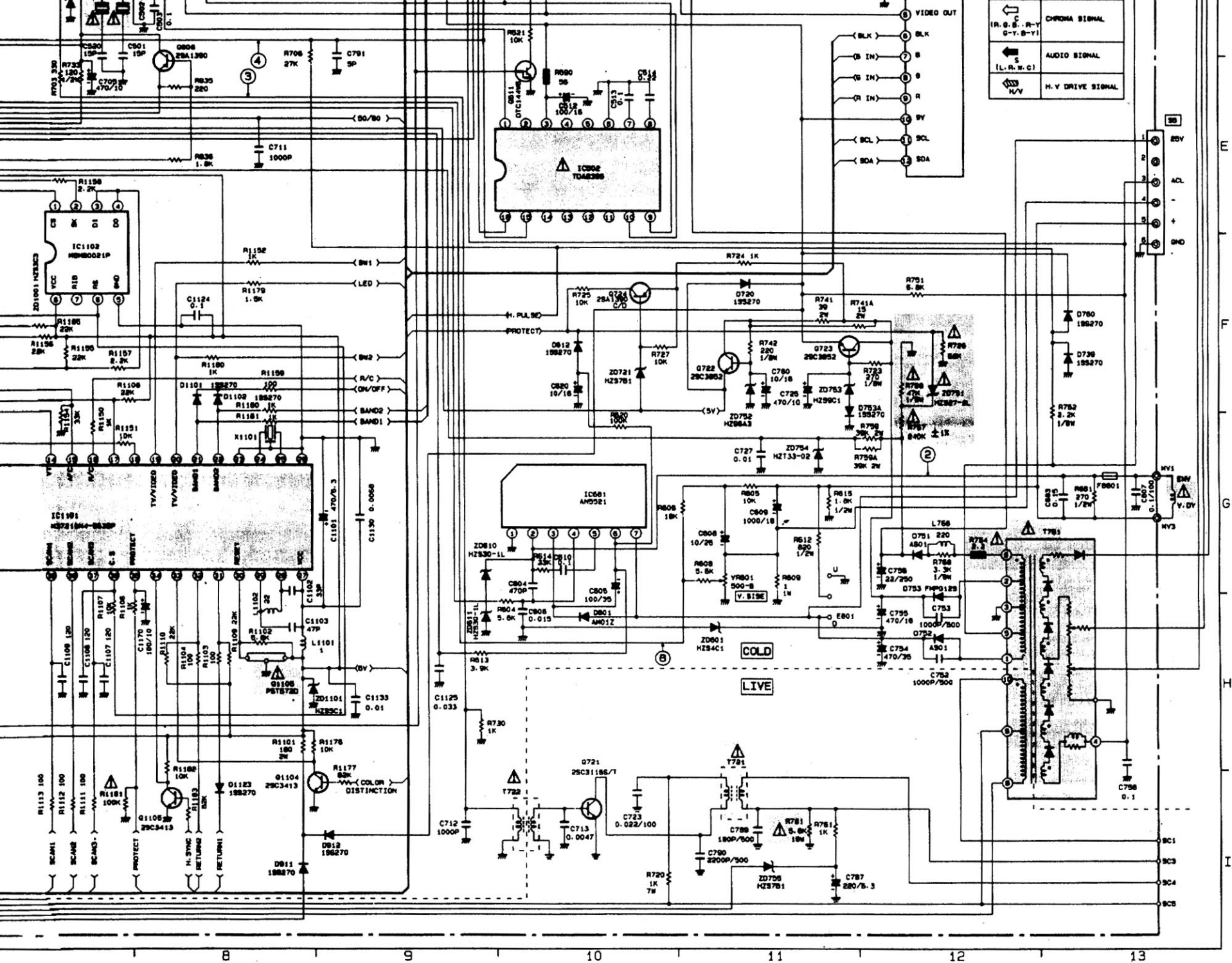


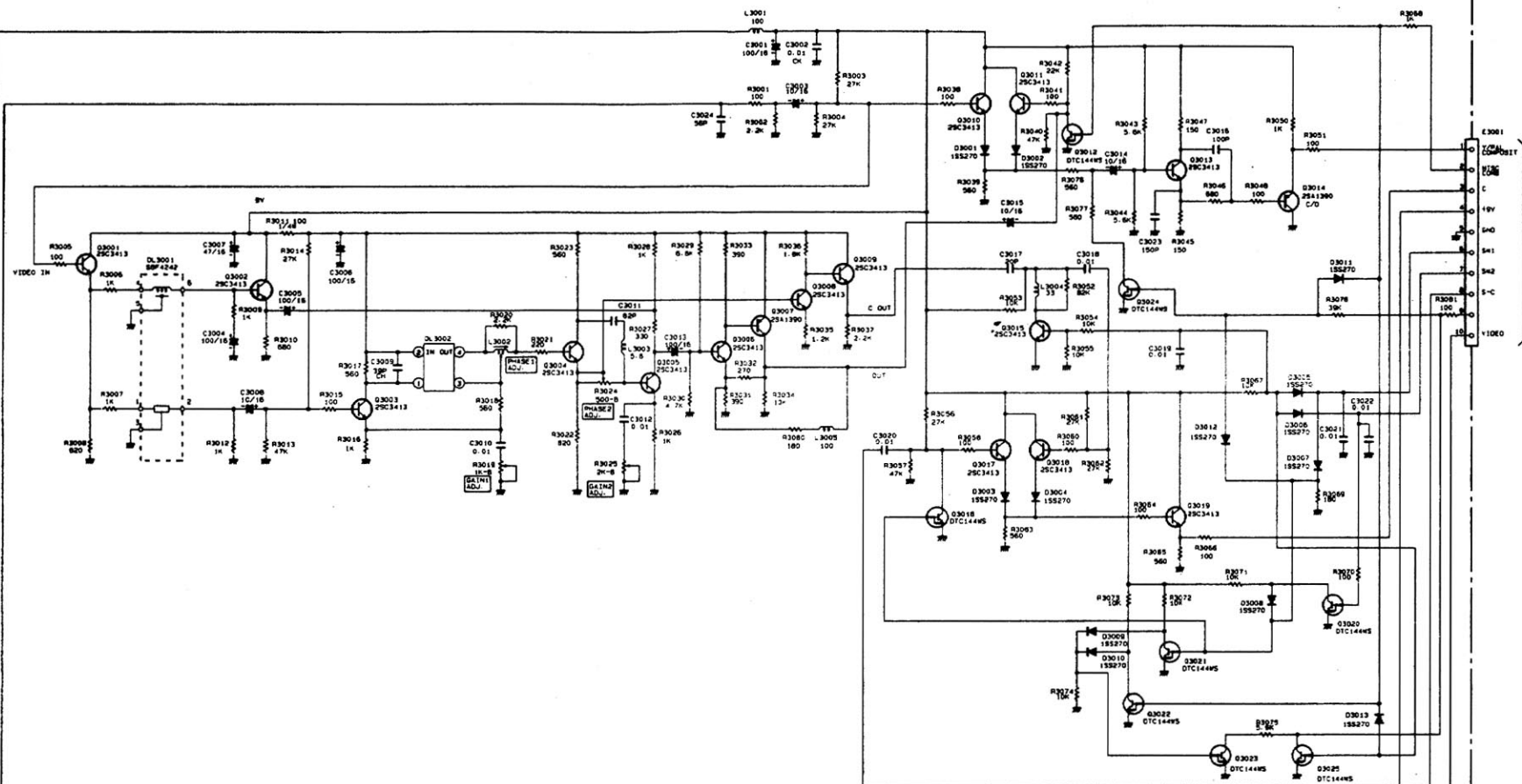
BASIC CIRCUIT DIAGRAM

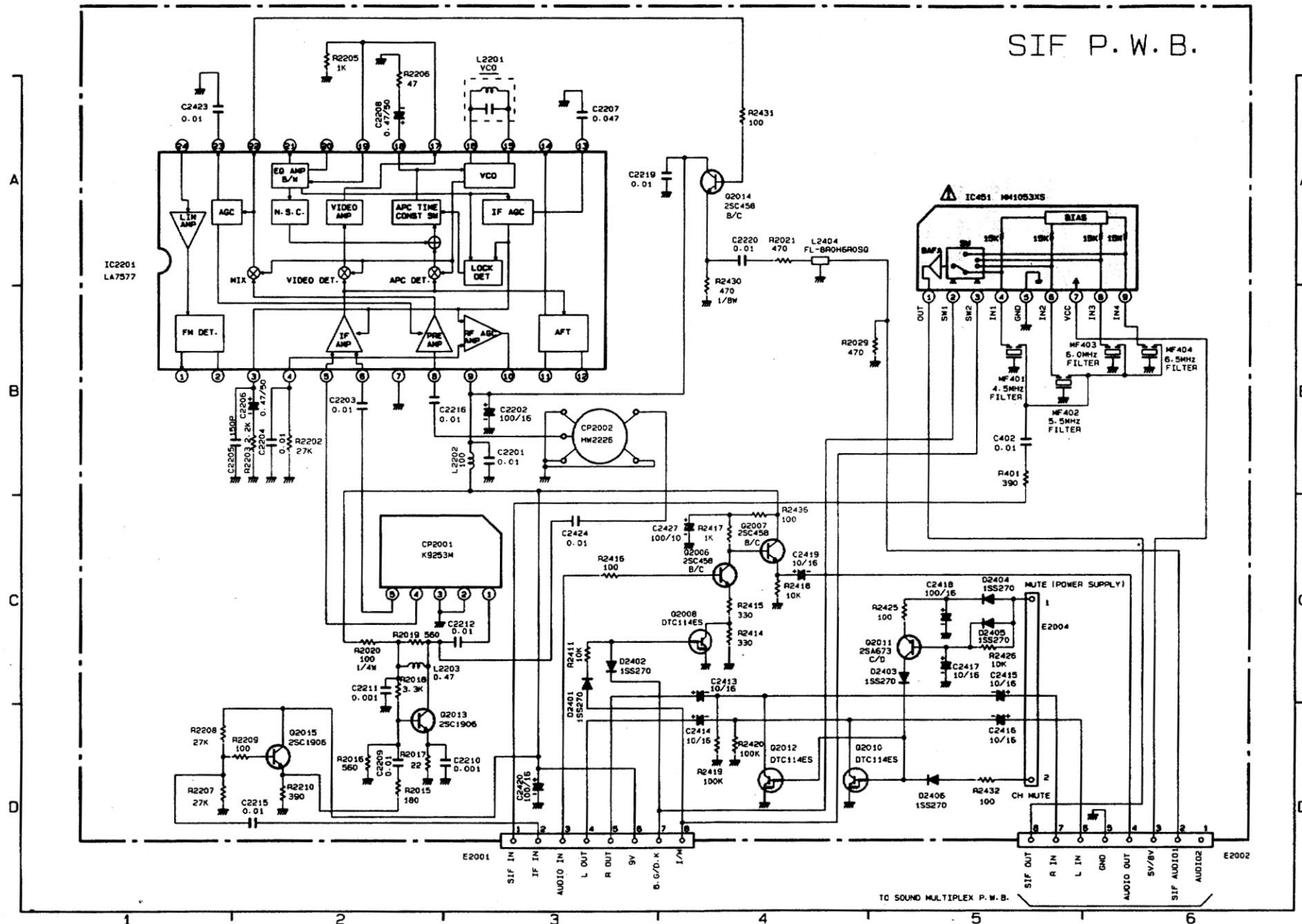


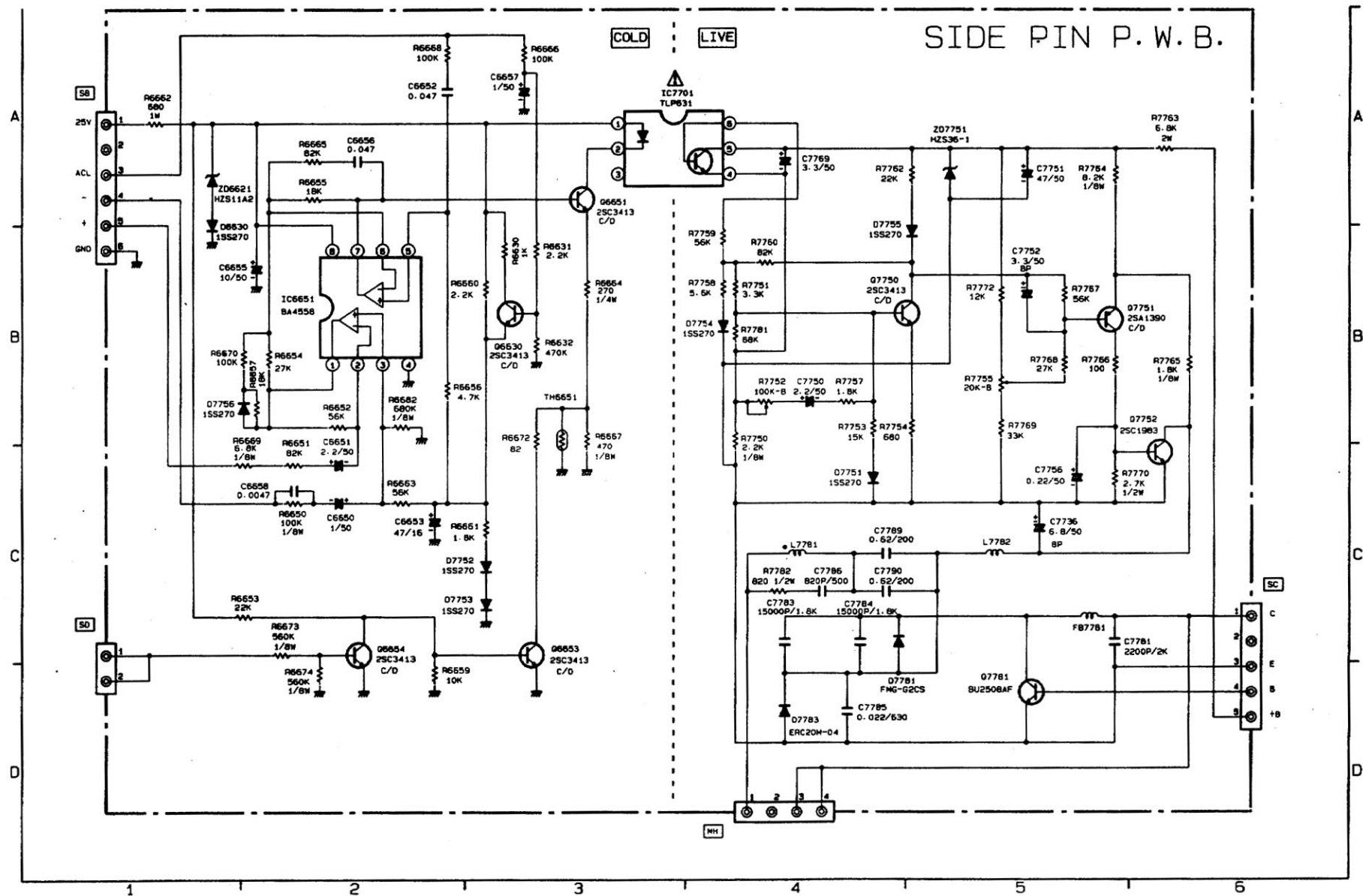




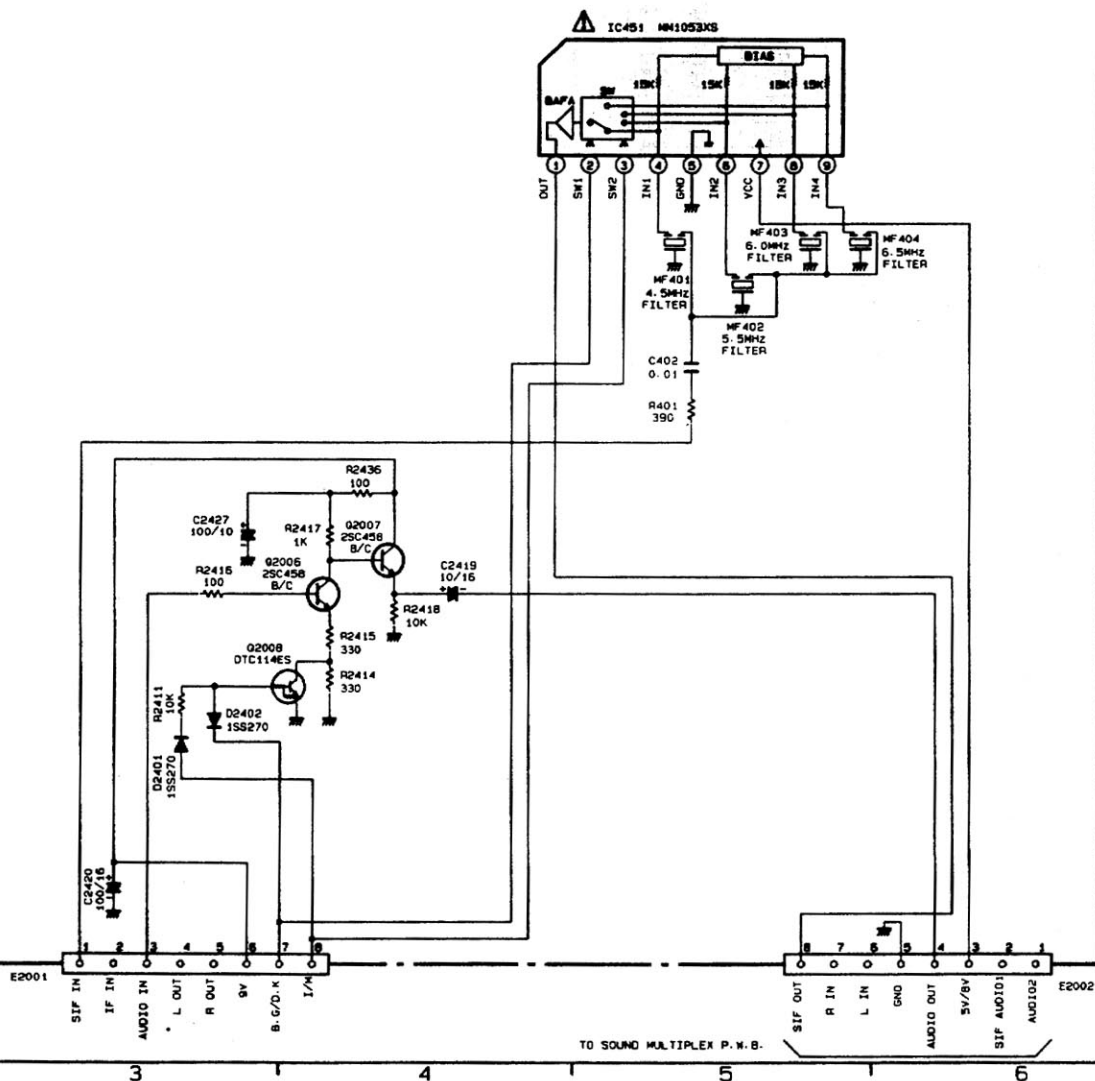








SIF P.W.B.





SIGNAL CURRENT	
SYMBOL	CONTENT
← Y+C	COMPOSITE VIDEO SIGNAL

HITACHI

CMT2579

-191
-192
-192S
-081S

Q1101			Q1102			Q1104			Q1105			Q1106		
PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
0.4	7.2	0	0.3	8.8	0	0.2	15	0	0.1	5.4	0	0.1	5.3	0

Q721			Q722			Q723			Q724			Q781		
PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	1	5.4	1	1	5.4	1

Q801			Q851			Q852			Q853		
PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC
B	C	E	B	C	E	B	C	E	B	C	E
9.1	0	9	9.1	0	9	9.1	0	9	9.1	0	9

Q901			Q902			Q903			Q904			Q905		
PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC
K	A	G	K	A	G	K	A	G	K	A	G	K	A	G
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

IC001	Pin No.	1	2	3	4	5	6	7	8	9
PAL	8.8	0	4.8	0	0	0	0	8.4	0	
SECAM	0	8.9	4.6	4.6	0	0	0	7	9	
NTSC	8.8	0	4.6	0	0	0	0	8.4	9	

IC101	Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
PAL	0.4	5.4	1.6	3.8	1.6	1.6	7.5	1.4	0	0	5.2	5.2	0	3.7	3	5.2	5.2	5.2	5.2	5.1	0	0	2.5	2.2	0	0	4.9	4.7	5.2	5.2	5.2		
SECAM	0.4	5.4	1.6	3.8	1.6	1.6	7.5	1.4	0	0	5.2	5.2	0	3.2	2.4	5.2	5.2	5.2	5.2	5.1	0	0	2.5	2.2	0	0	4.7	4.7	5.2	5.2	5.2		
NTSC	0.4	5.2	1.6	3.7	1.5	1.6	2.6	1.4	0	0	5.2	5.2	0	2.3	3	5.2	5.2	5.2	5.2	5.1	0	0	2.5	2.2	0	0	4.7	4.8	5.2	5.2	5.2		

IC102	Pin No.	1	2	3	4	5	6	7	8
PAL	0	5.2	0	0	0	0	0	5.2	5.2
SECAM	0	5.2	0	0	0	0	0	5.2	5.2
NTSC	0	5.2	0	0	0	0	0	5.2	5.2

IC201																																
Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
PAL	3	6.3	6.1	8.3	2	3.9	3.3	1.8	0	6.2	0	3	4.2	3.2	3.4	0	3.6	2.5	2.6	2.7	0.1	3.5	3.4	3.4	2.5	2.2	5.8	0.2	3.8	1.5	1.5	1.7
SECAM	3	6.3	6.1	8.3	2	3.8	3.4	1.8	0	6.1	0	3	4.3	3.2	3.4	0	3.6	2.6	2.8	2.7	0.1	3.5	3.4	3.4	2.4	2.2	5.7	3.9	3.8	2.9	3	4.5
NTSC	3	6.3	6.1	8.2	2	3.8	3.7	1.8	0	6.2	0	3.1	4.4	3.7	3.4	0	3.6	2.8	2.8	2.8	0.1	3.5	3.4	3.4	2	0.1	5.8	3.8	3.8	1.5	1.5	1.7
Pin No.	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52												
PAL	4.2	2	2	7.6	0	0.7	3.6	3.7	2.4	2.7	2	4.9	4.2	4.2	5.0	5.8	1.9	3.5	4.8	6.8												
SECAM	4.2	2	2	7.6	0	0.7	3.6	3.7	2.4	2.7	2	4.6	4.2	4.2	3.9	5.0	3.1	3.5	4.8	6.8												
NTSC	4.1	2	2	7.6	0	0.7	3.6	3.7	2.5	2.6	2	4.9	4.1	4.2	1.7	3.9	1.9	3.5	5.5	7.6												

IC4501													
Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	
PAL	1.3	0	14	0	0	0.1	12	13	0	14	13	6.5	
SECAM	1.3	0	14	0	0	0.1	12	13	0	14	13	6.5	
NTSC	1.3	0	14	0	0	0.1	12	13	0	14	13	6.5	

IC451										
Pin No.	1	2	3	4	5	6	7	8	9	
PAL	4.1	0.8	4.1	4.8	0	4.8	4.3	4.8	4.8	
SECAM	4.1	0.8	4.1	4.8	0	4.8	4.3	4.8	4.8	
NTSC	4.1	4.8	4.1	4.7	0	4.8	4.3	4.8	4.8	

IC501																
Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PAL	4.8	0	0	0	0.7	0	0.2	0	4.8	0	3	3	0	1.5	0	1.3
SECAM	4.8	0	0	0	0.7	0	0.2	0	4.8	0	3	3	0	1.3	0	1.3
NTSC	4.8	0	0	0	0.7	0	0.2	0	4.8	0	3	3	0	1.3	0	1.3

IC502																	
Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
PAL	1.7	1.2	8	0	0	0	3.1	4.1	1.5	1.5	0	0	0	0	0.7	5.8	
SECAM	4.5	1.2	8	0	0	0	3.1	4.3	2.9	3	0	0	0	0	0.7	5.8	
NTSC	1.7	1.1	8	0	0	0	3.3	4.3	1.5	1.5	0	0	0	0	0.7	5.8	

IC601								
Pin No.	1	2	3	4	5	6	7	
PAL	0	13.7	26	1.3	0	1.2	25	
SECAM	0	13.7	26	1.3	0	1.2	25	
NTSC	0	14.3	28	1.3	0	1.5	25	

IC901						
Pin No.	1	2	3	4	5	
PAL	0	47	0.7	45	3.3	
SECAM	0	47	0.7	46	3.3	
NTSC	0	47	0.7	46	3.3	

IC902						
Pin No.	1	2	3	4	5	6
PAL	0.1	0	0	3.3	46	3.2
SECAM	0.1	0	0	3.3	46	3.2
NTSC	0.1	0	0	3.3	46	3.2

Q201			Q203			Q204			Q205		
PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC
B	C	E	B	C	E	B	C	E	B	C	E
1.3	5.5	0.5	1.3	5.5	0.5	1.3	5.5	0.5	1.3	5.5	0.5

Q301			Q303		
PAL	SECAM	NTSC	PAL	SECAM	NTSC
B	C	E	B	C	E
5.5	0.1	6.1	5.5	0.1	6.1

Q501			Q502			Q506			Q510		
PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC	PAL	SECAM	NTSC
B	C	E	B	C	E	B	C	E	B	C	E
6.2	6.2	5.5	6.2	6.2	5.5	6.2	6.2	5.5	6.2	6.2	5.5

WAVEFORMS

