

JVC

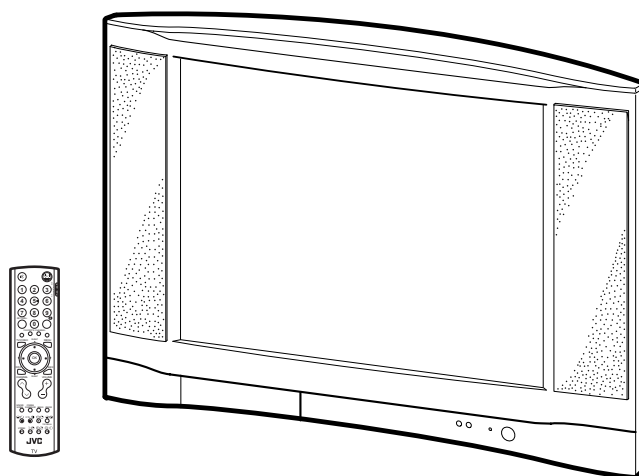
SCHEMATIC DIAGRAMS

COLOUR TELEVISION

HV-Z29V1, HV-Z29V1_{/E}
HV-Z29V1_{/H}, HV-Z29V1_{/S}

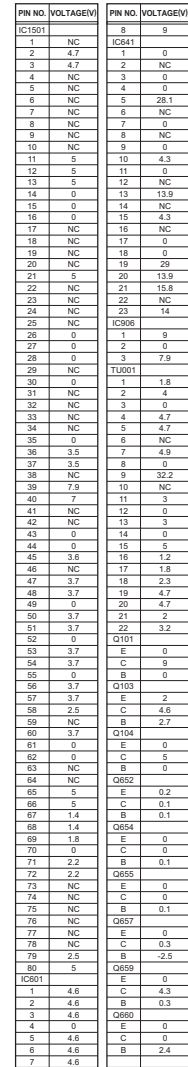
CD-ROM No.SML200401

BASIC CHASSIS
MM

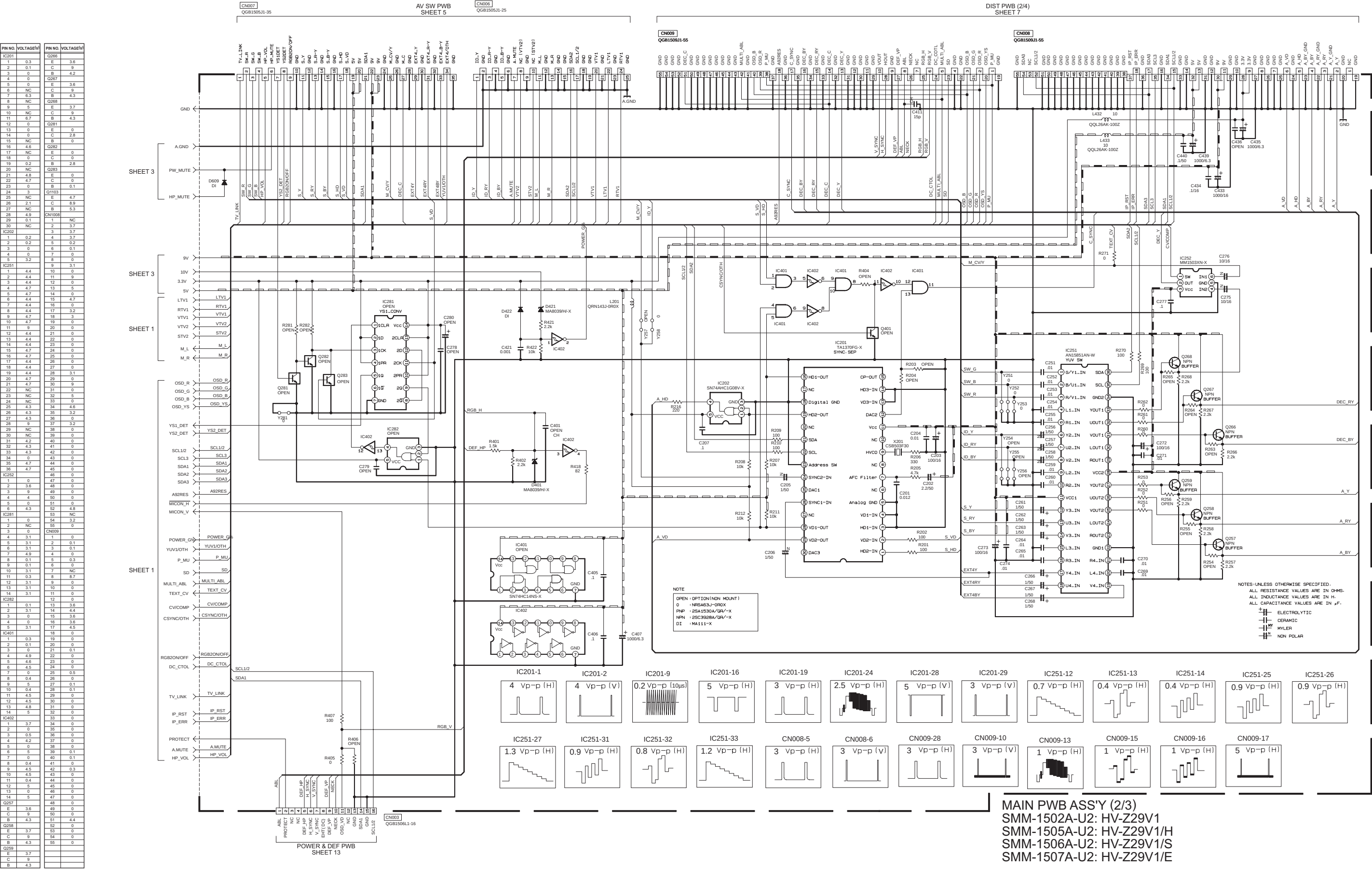


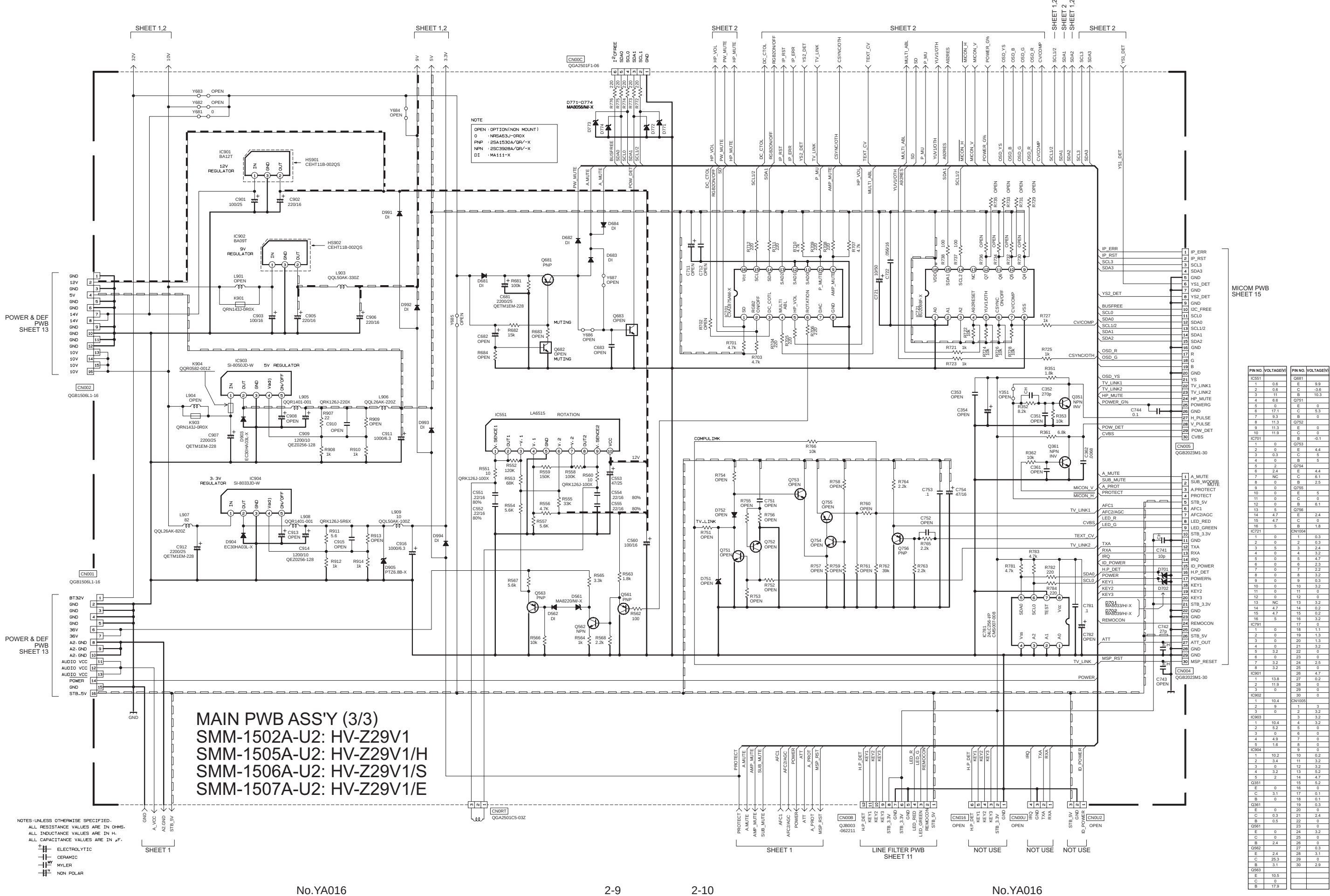
D.I.S.T.
Digital Image Scaling Technology

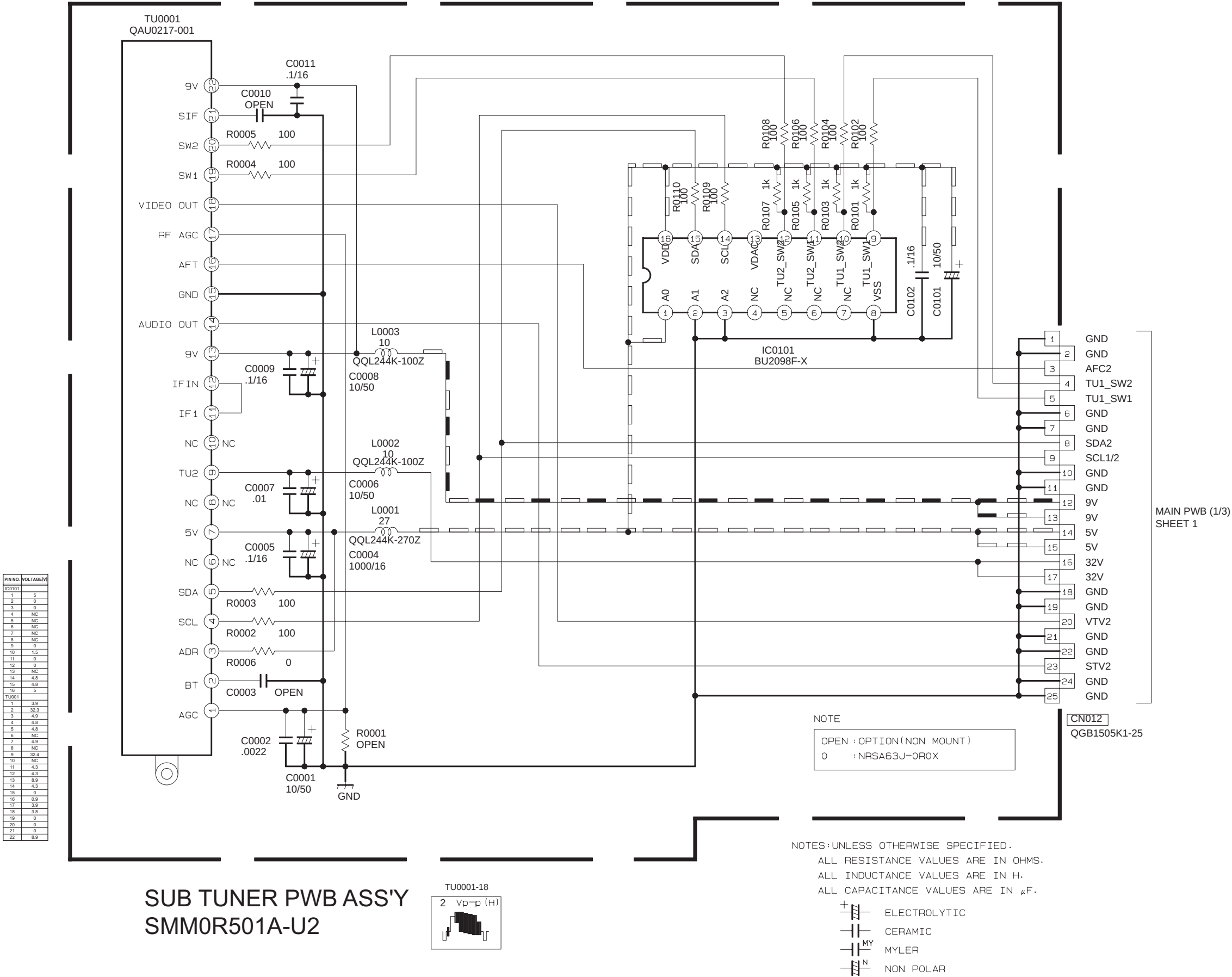
MAIN PWB CIRCUIT DIAGRAM (1/3) SHEET1



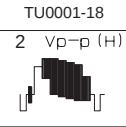
MAIN PWB CIRCUIT DIAGRAM (2/3) SHEET 2

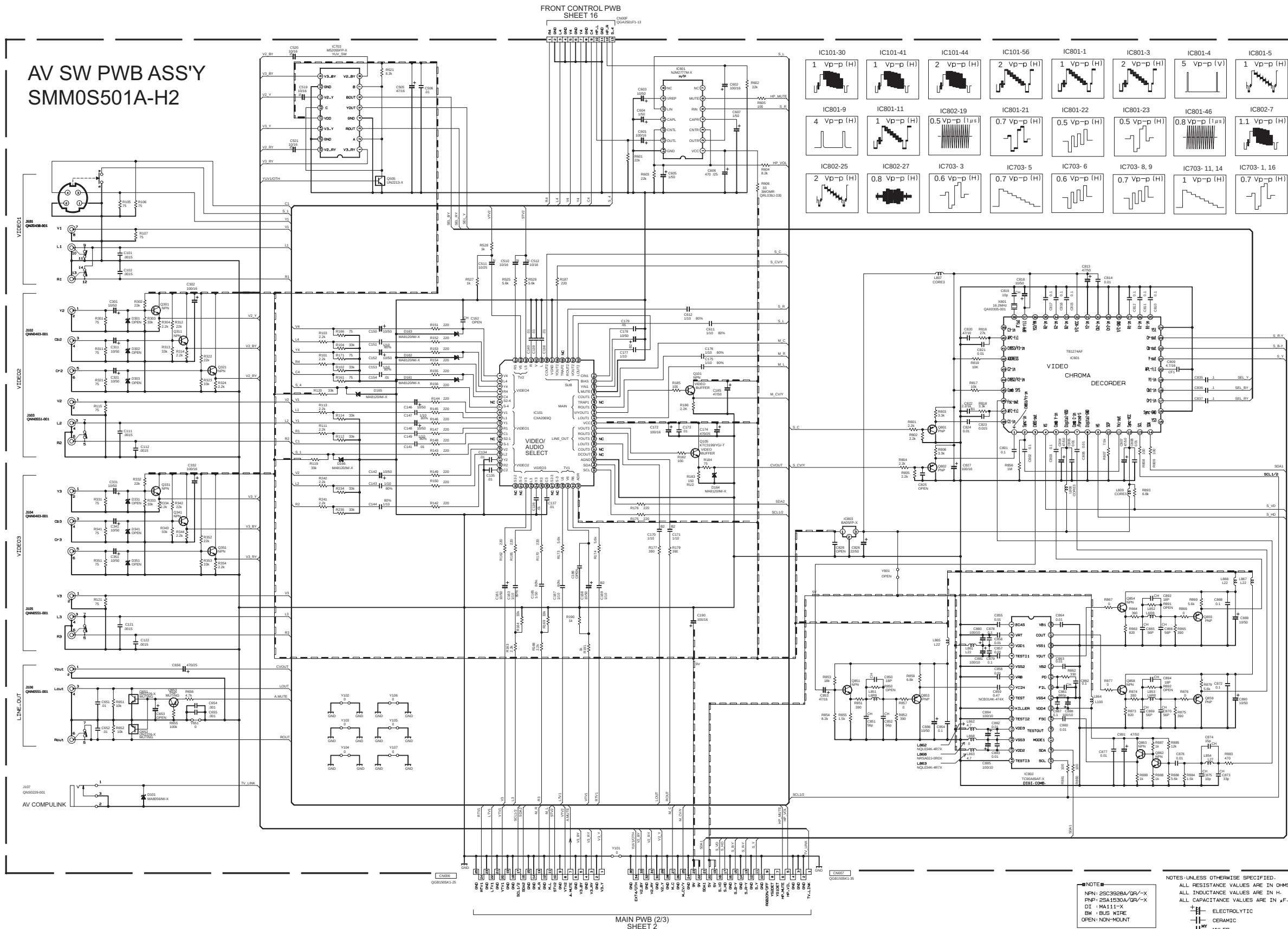






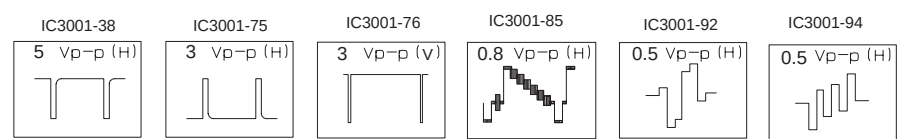
SUB TUNER PWB ASS'Y
SMM0R501A-U2





PIN NO.	VOLTAGE(V)	PIN NO.	VOLTAGE(V)
IC101	6	1.7	
1	3.8	7	2.3
2	4.4	8	NC
3	3.9	9	0
4	4.4	10	0
5	4.4	11	4.9
6	NC	12	0
7	0	13	5
8	3.9	14	0
9	4.4	15	4.7
10	3.9	16	4.7
11	4.4	17	NC
12	4.3	18	NC
13	6.7	19	2.4
14	0	20	4.9
15	3.9	21	0
16	4.4	22	2.8
17	3.9	23	2.7
18	4.4	24	3.3
19	4.3	25	3.3
20	6.6	26	0
21	0	27	3.4
22	3.9	28	1.5
23	4.4	Q101	
24	3.8	E	3.7
25	4.4	C	8.9
26	4.4	B	4.3
27	6.6	Q102	
28	0	C	6.2
29	4.4	C	-0.4
30	4.3	B	0
31	4.4	Q103	
32	3.9	E	0
33	4.7	C	0
34	4.7	B	-0.2
35	0	Q104	
36	NC	E	0
37	NC	C	0
38	4.4	B	-0.4
39	NC	Q105	
40	4.4	E	2.9
41	3.5	C	8.9
42	9	B	3.5
43	4.4	Q131	
44	4.4	E	1.9
45	4.4	C	0
46	NC	B	1.2
47	4.3	Q201	
48	0	E	0
49	4.8	C	6.7
50	4.4	B	0
51	4.3	Q202	
52	4.4	E	0
53	4.4	C	6.7
54	4.4	B	0
55	NC	Q211	
56	4	E	0
57	0	C	6.7
58	4.2	B	0
59	4.4	Q212	
60	4.2	E	0
61	4.4	C	6.7
62	4.4	B	0
63	3.9	Q221	
64	4.4	E	0
65	4.4	C	6.6
IC801	1	B	0
2	4	Q222	
3	1.7	E	0.1
4	1.5	C	6.6
5	4.1	B	0
6	0.1	Q231	
7	NC	E	1.4
8	NC	C	4.7
9	4	B	0
10	4	Q232	
11	1.5	E	5
12	1.7	C	4.4
13	0	B	0
14	0	Q233	
IC703	1	E	0
2	4.6	C	7.4
3	2.4	B	6.4
4	3.1	Q234	
5	0	E	0
6	2.3	C	0
7	2.2	B	7.4
8	6.4	Q301	
9	4.6	E	3.7
10	1.2	C	8.9
11	0	B	4.3
12	6.4	Q311	
13	8.9	E	3.7
14	3.7	C	8.9
15	0	Q321	
16	3.7	E	3.7
17	0	C	8.9
18	3.7	B	4.3
19	0	Q351	
20	1.8	E	0
21	3.1	C	1.4
22	0.1	C	0
23	5	B	-3.2
24	0	Q352	
25	2.5	E	0
26	0	C	0
27	0.2	B	-3.3
28	0.7	Q353	
29	0.2	E	0.2
30	5	C	-3.3
31	4.7	B	0.1
32	4.7	Q354	
33	4.7	E	4.7
34	0	C	2.6
35	0	B	0
36	2.5	E	2.4
37	2.4	C	2.4
38	0	B	1.9
39	1.6	Q355	
40	1.8	E	2
41	2.4	C	9
42	2.4	B	2.8
43	0	Q356	
44	2.4	E	1.6
45	2.4	C	8.9
46	1.7	B	0.9
47	3.7	E	0.9
48	1.7	C	3.9
49	1.7	B	1.5
IC802	1	E	1.2
2	3.1	E	3.3
3	4.9	C	4.9
4	2.4	B	3.9
5	0		

DIST PWB ASS'Y (1/4)
SMM0Z502A-H2



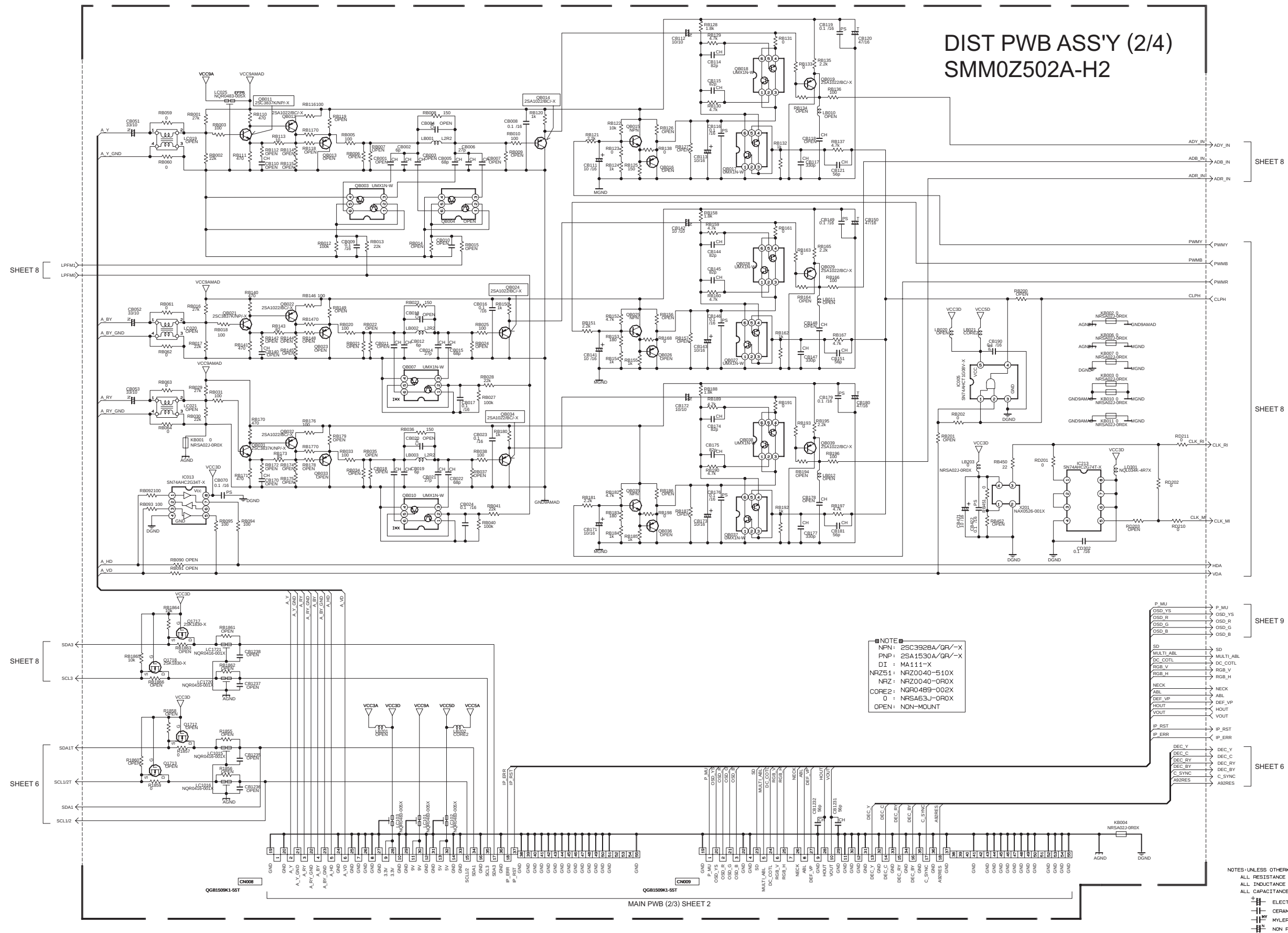
PIN NO.	VOLTAGE(V)
1	0
2	0
3	1.2
4	0
5	2.9
6	0
7	1.3
8	0
9	0
10	1.4
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	1.4
22	0
23	0
24	2.9
25	0
26	0
27	0
28	0
29	0
30	2.9
31	4.7
32	4.7
33	0
34	0
35	0
36	1.4
37	0
38	4.5
39	0
40	0
41	0
42	2.9
43	1
44	1
45	0
46	1
47	1.7
48	0
49	0
50	0
51	1.4
52	0
53	2.4
54	1
55	1.1
56	0
57	0
58	1.3
59	1.4
60	0
61	0
62	0
63	0
64	2.9
65	1.1
66	1.1
67	0
68	1.1
69	1.1
70	1.4
71	1
72	0.9
73	0
74	1.8
75	0.1
76	0
77	0
78	1.4
79	0
80	1.1
81	0.8
82	1.6
83	1.1
84	0
85	1.1
86	2.3
87	0.8
88	0.7
89	1.6
90	1.1
91	2.4
92	1.1
93	0
94	1.1
95	0.6
96	2.4
97	0
98	0
99	1
100	0

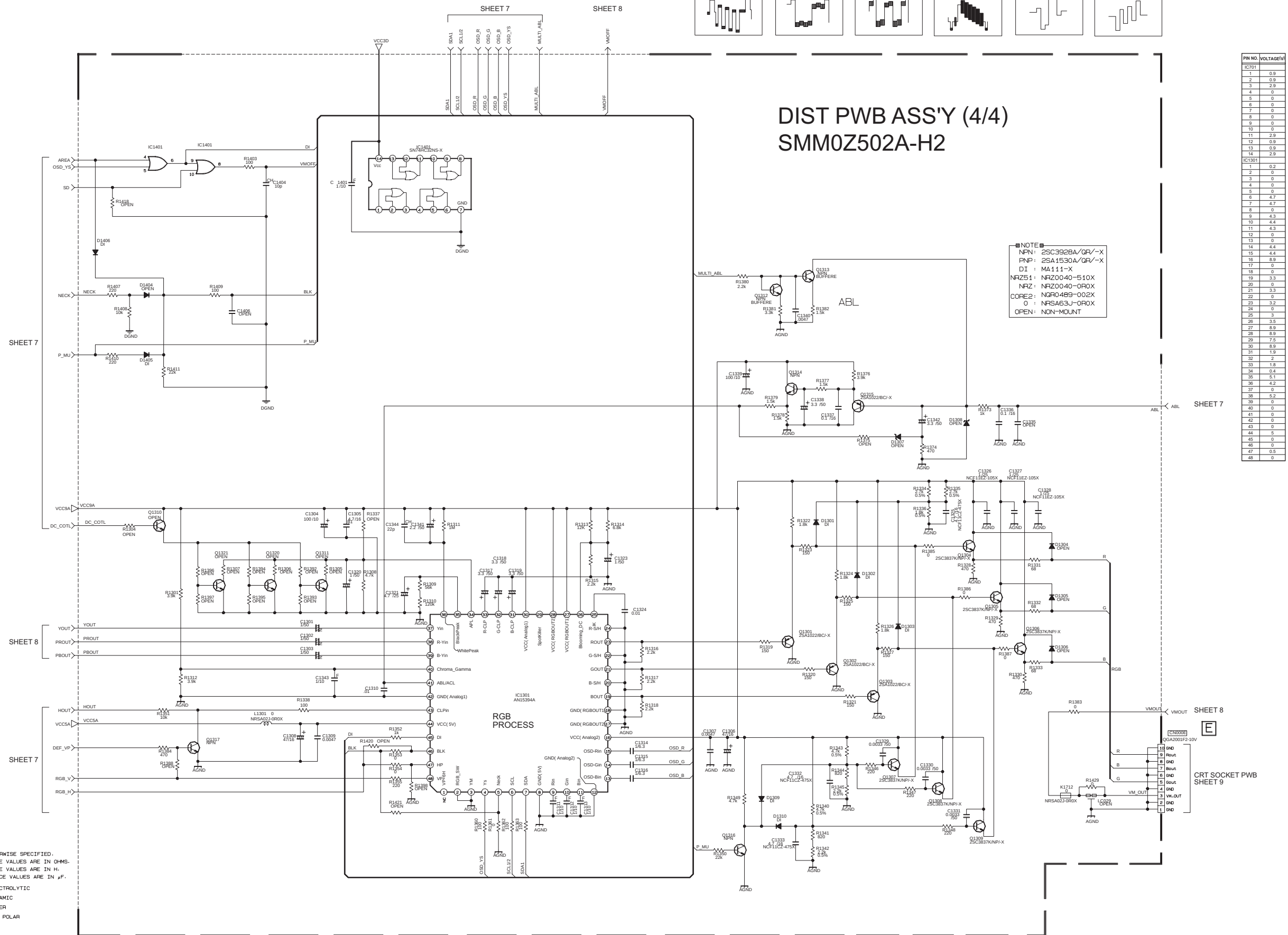
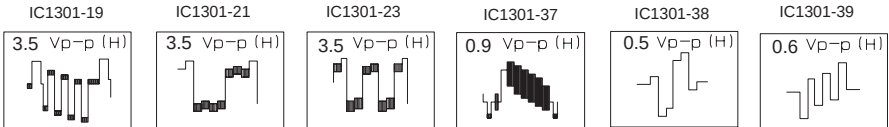
SHEET 8

SHEET 8

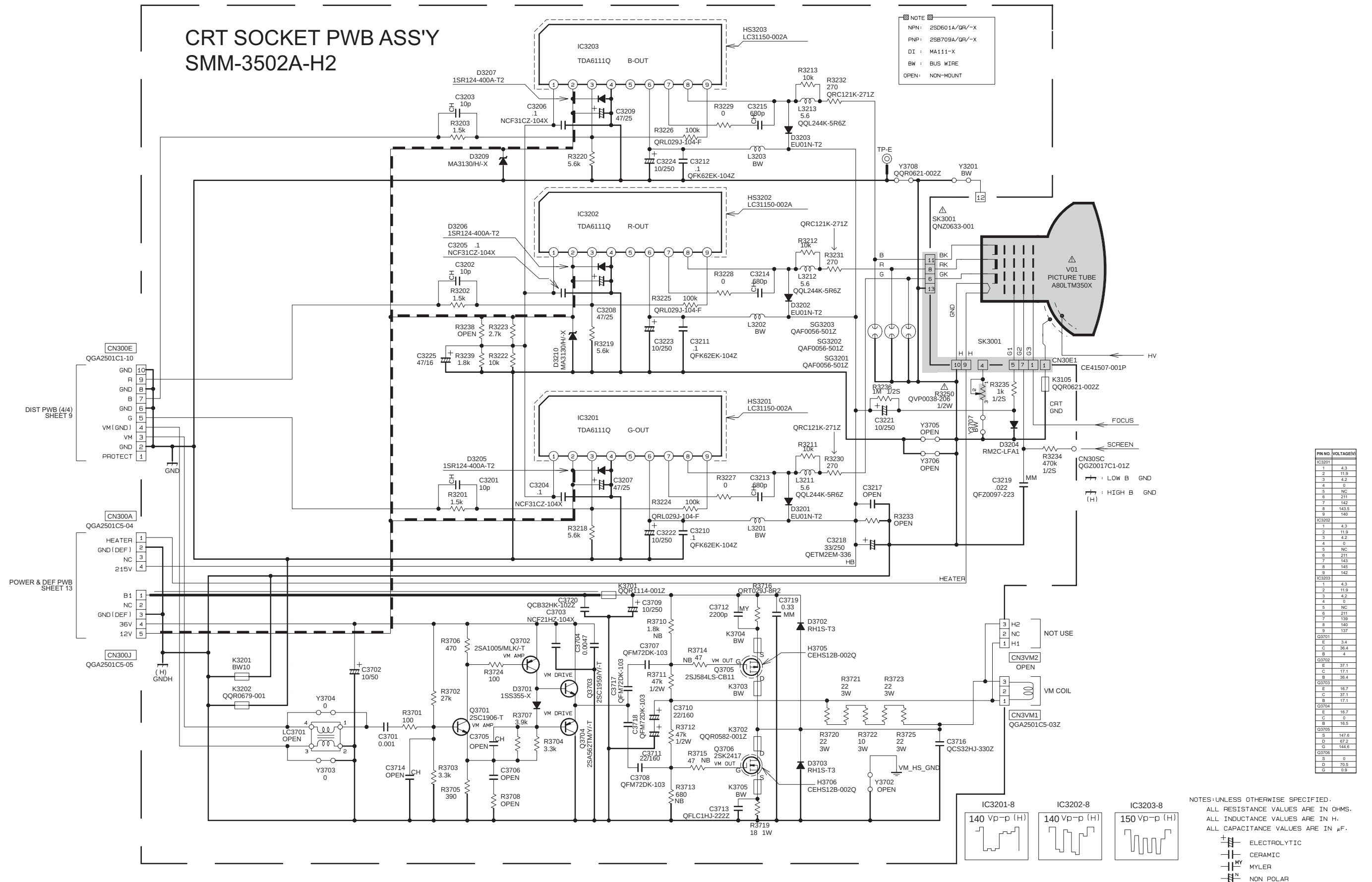
NOTE
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
DI : MA111-X
NRZ51 : NRZ0040-510X
NRZ : NRZ0040-0R0X
CORE2 : NGR0489-002X
O : NRS463J-0R0X
OPEN : NON-MOUNT

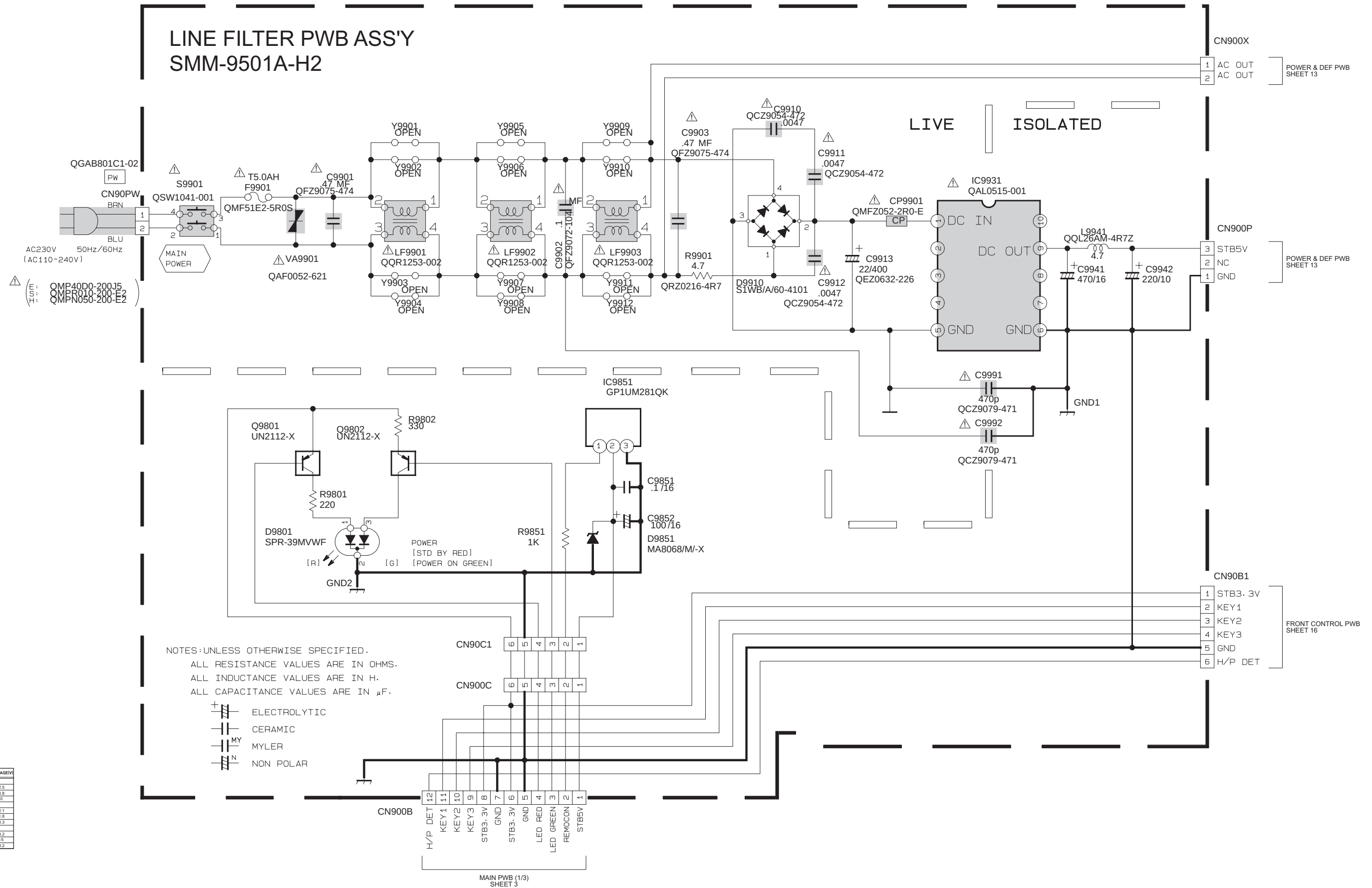
NOTES: UNLESS OTHERWISE SPECIFIED,
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN P.F.
ELECTROLYTIC
CERAMIC
MYLER
NON POLAR



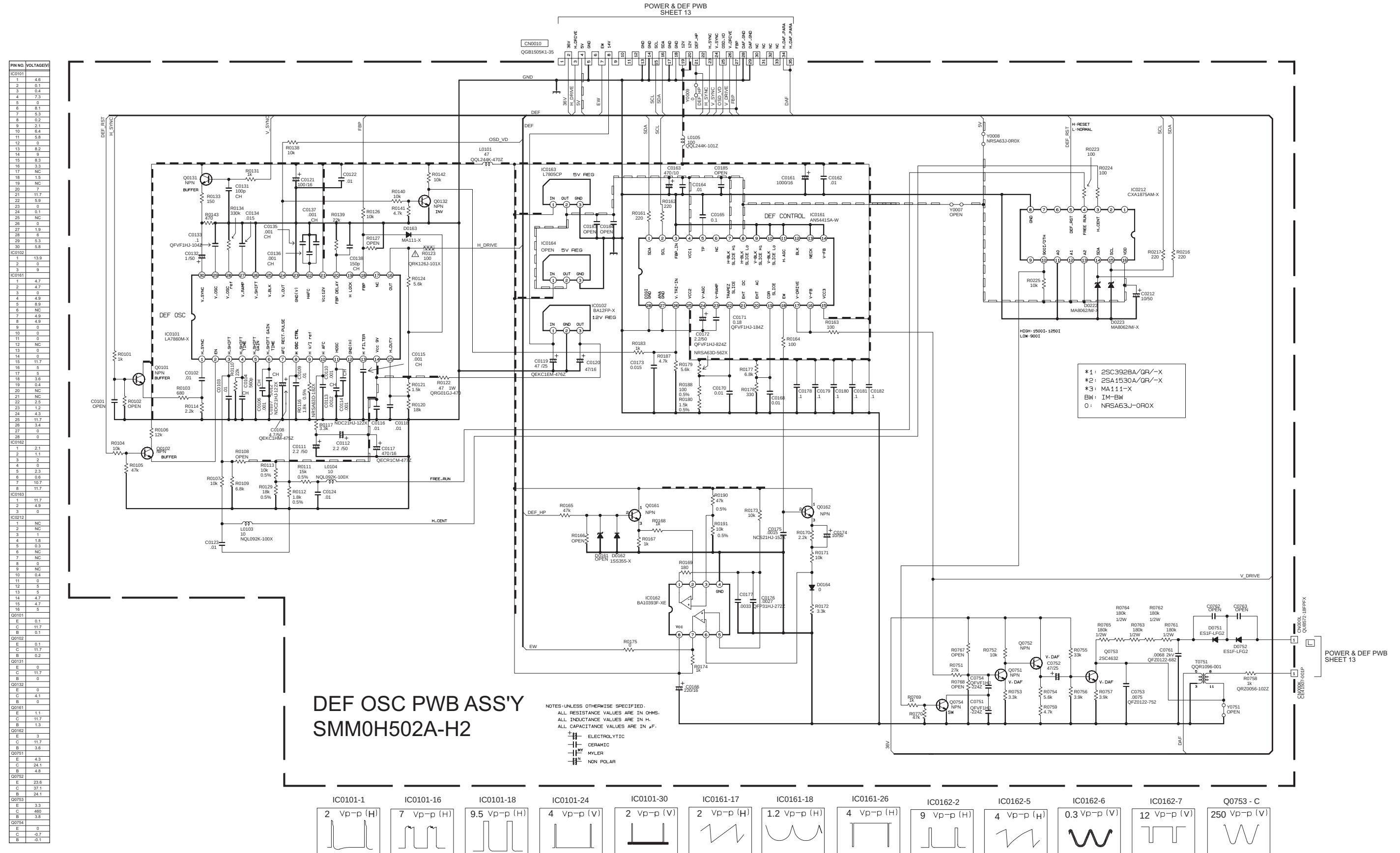


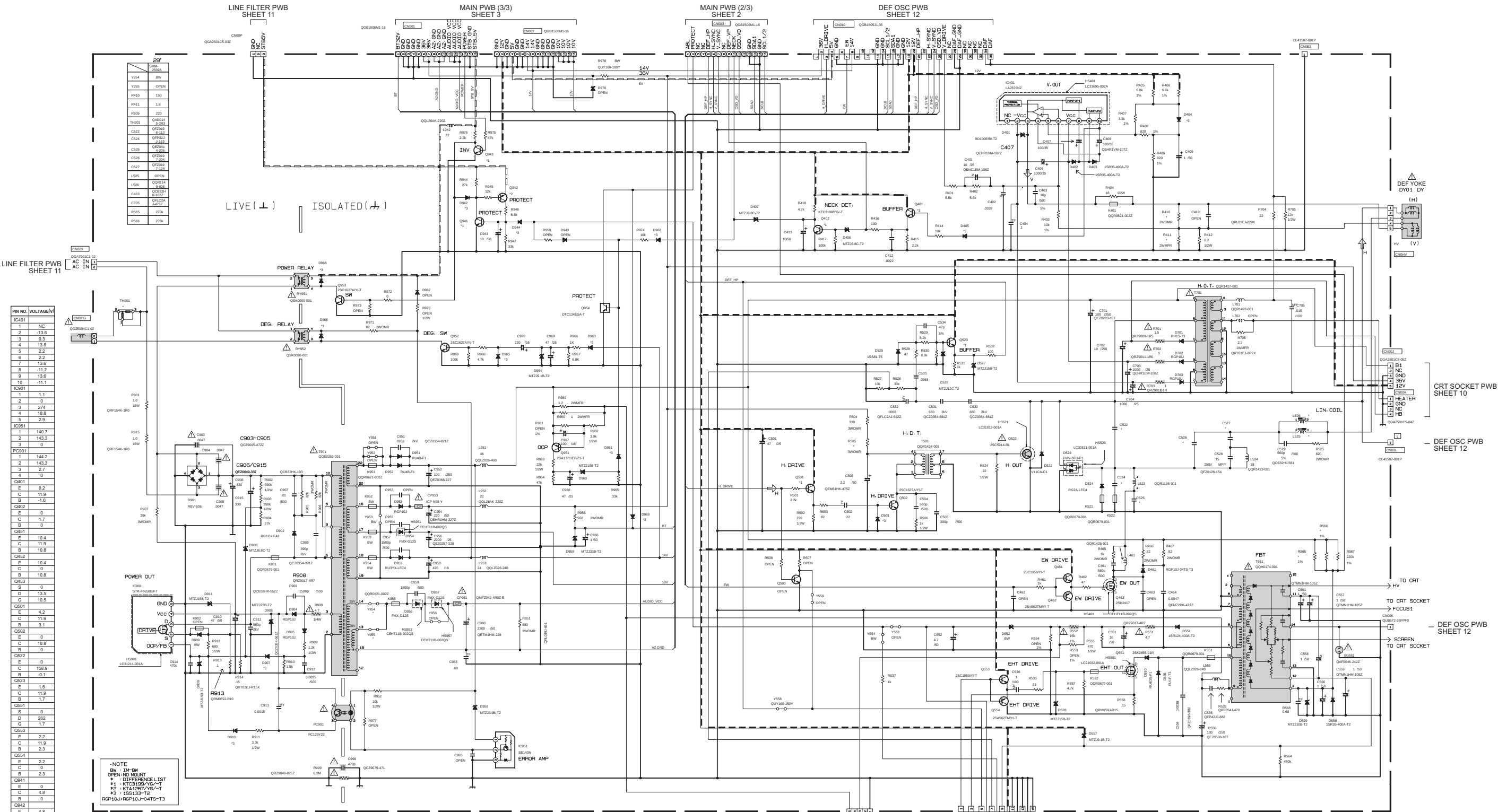
FCN1	VOLTAGE[V]
1	0.9
2	0.9
3	2.9
4	0
5	0
6	0
7	0
8	0
9	0
10	2.9
11	2.9
12	0.9
13	0.9
14	2.9
IC1301	
1	0.2
2	0
3	0
4	0
5	0
6	4.7
7	4.7
8	0
9	4.3
10	4.4
11	4.3
12	0
13	4.4
14	4.4
15	8.9
16	8.9
17	0
18	0
19	3.3
20	0
21	3.3
22	0
23	3.2
24	0
25	3
26	3.5
27	8.9
28	8.9
29	4.5
30	8.9
31	1.9
32	0
33	1.8
34	0.4
35	5.1
36	5.2
37	0
38	5.2
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0.5
47	0.5
48	0



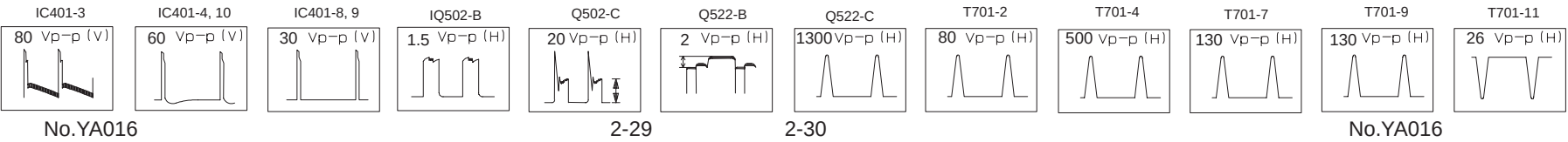


PIN NO.	VOLTAGE(V)
IC9851	
1	2.5
2	4.8
3	0
Q9801	
E	2.1
C	1.8
B	0.3
Q9802	
E	3.2
C	-5
B	3.2



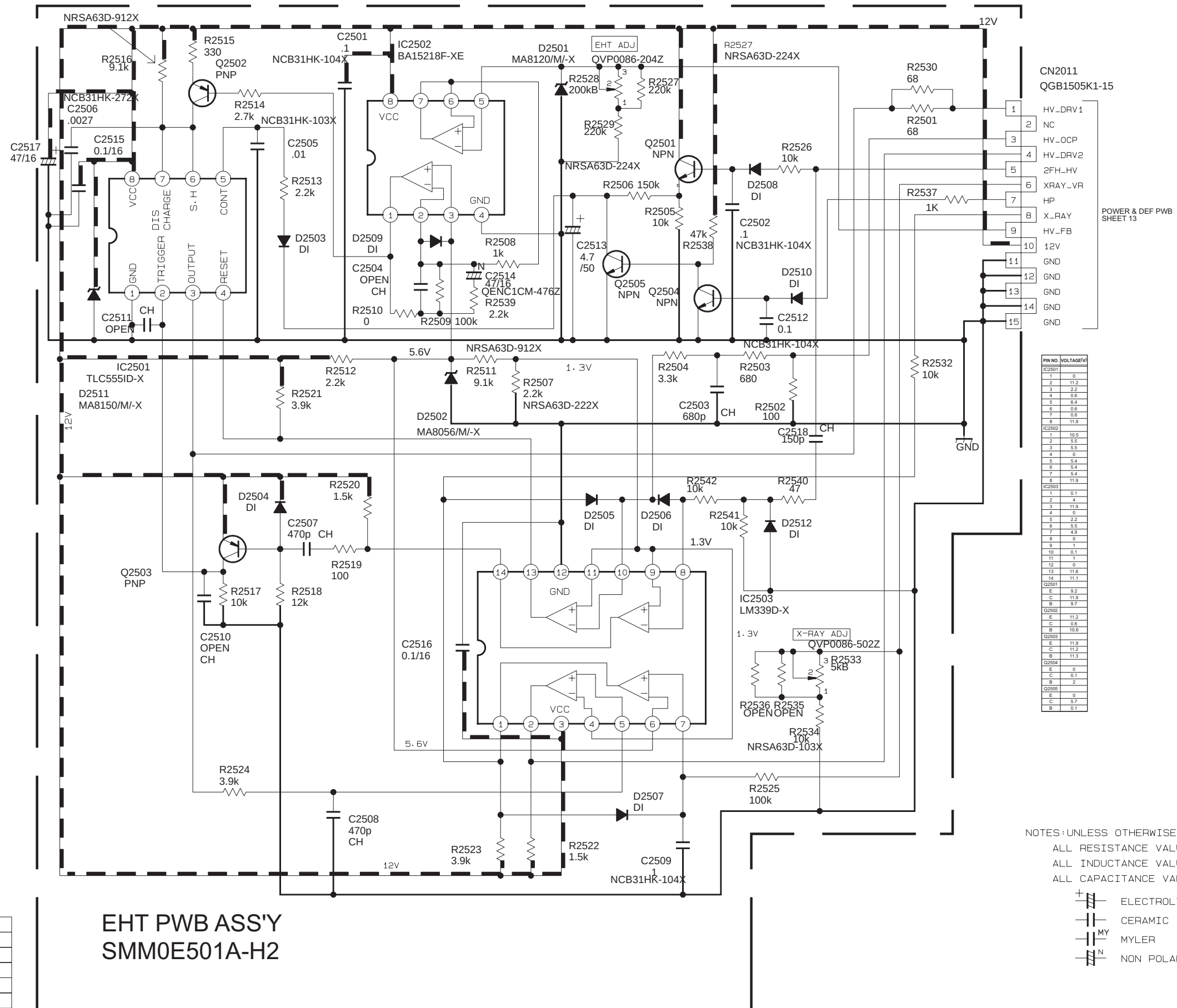


POWER & DEF PWB ASS'Y
SMM-2502A-U2



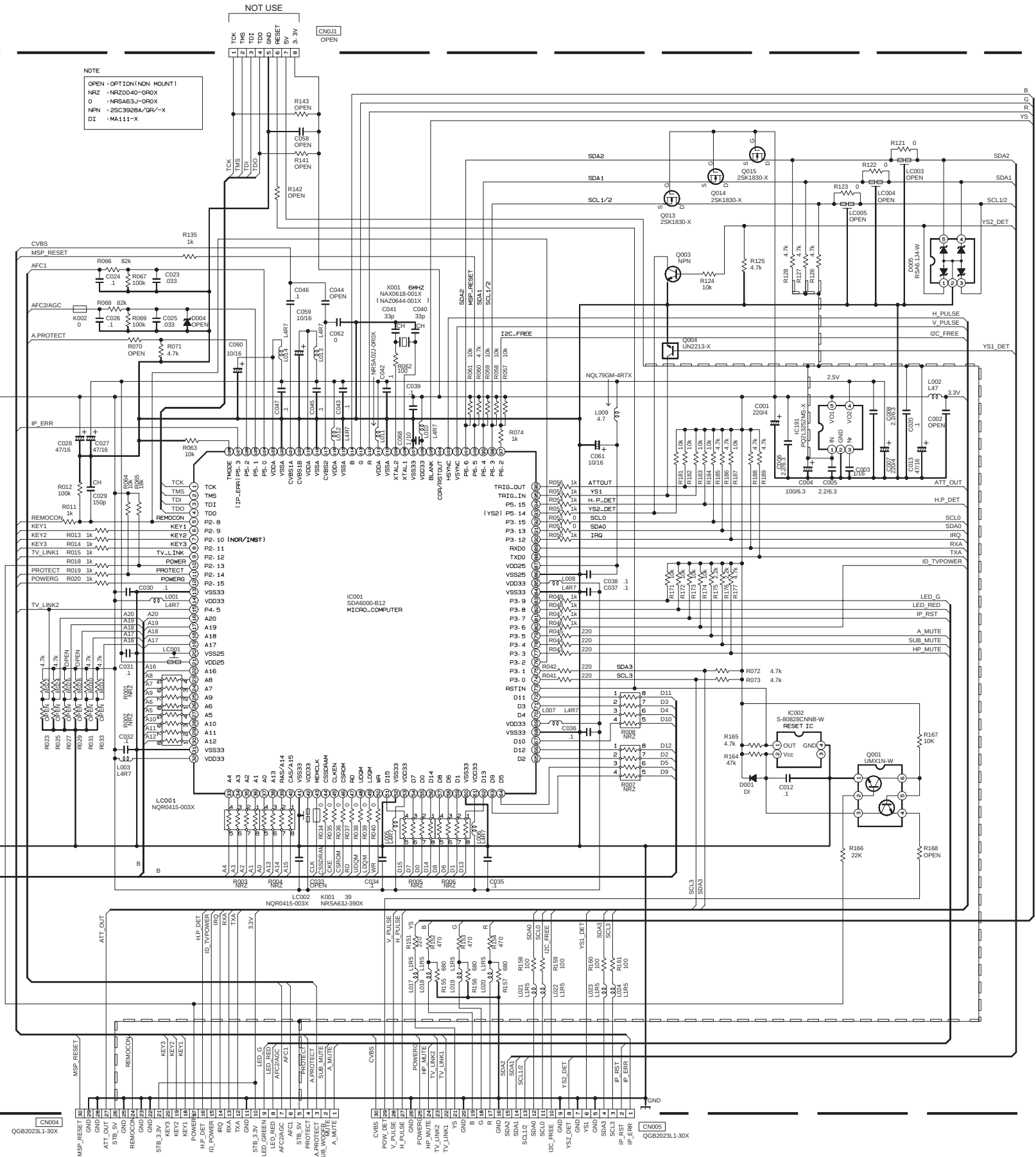
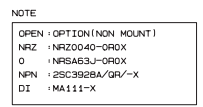
NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

SYMBOLS:
ELECTROLYTIC
CERAMIC
MYLER
NON POLAR



NPN	2SC3928A/QR/-X
PNP	2SA1530A/QR/-X
DI	MA111-X
*4:	DTC124EKA-X
BW:	IB-BW
OPEN:	-

Figure 1 displays three waveforms corresponding to different ICs. The first waveform, labeled IC001-102, shows a signal with a peak-to-peak voltage of 3 V. The second waveform, labeled IC001-103, shows a signal with a peak-to-peak voltage of 3.5 V. The third waveform, labeled IC001-108,109, shows a signal with a peak-to-peak voltage of 1 V and a time scale of 1 μs.



	ELECTROLYTIC
	CERAMIC
	MYLAR
	NON POLAR

FRONT CONTROL PWB ASS'Y
SMM-8501A-H2

