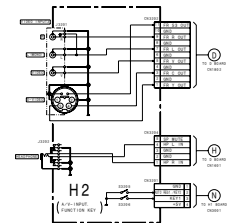
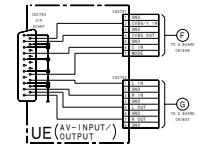
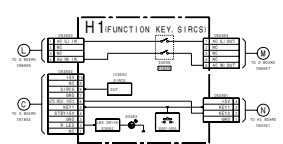
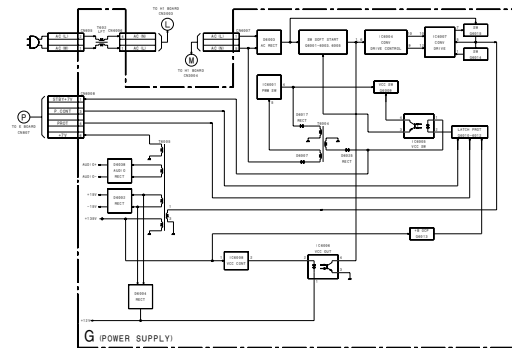
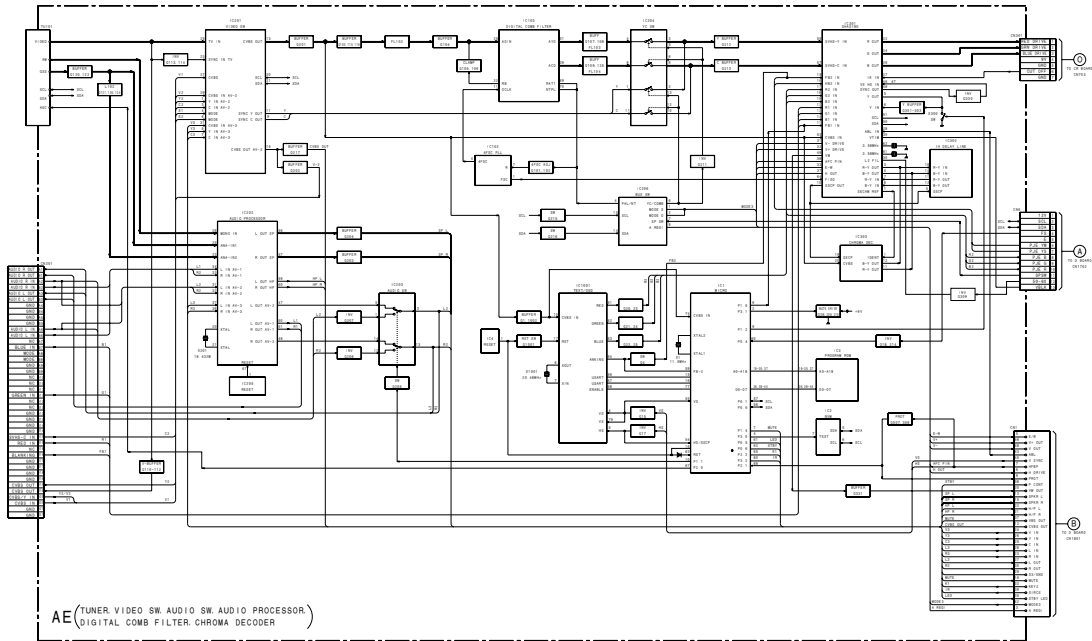
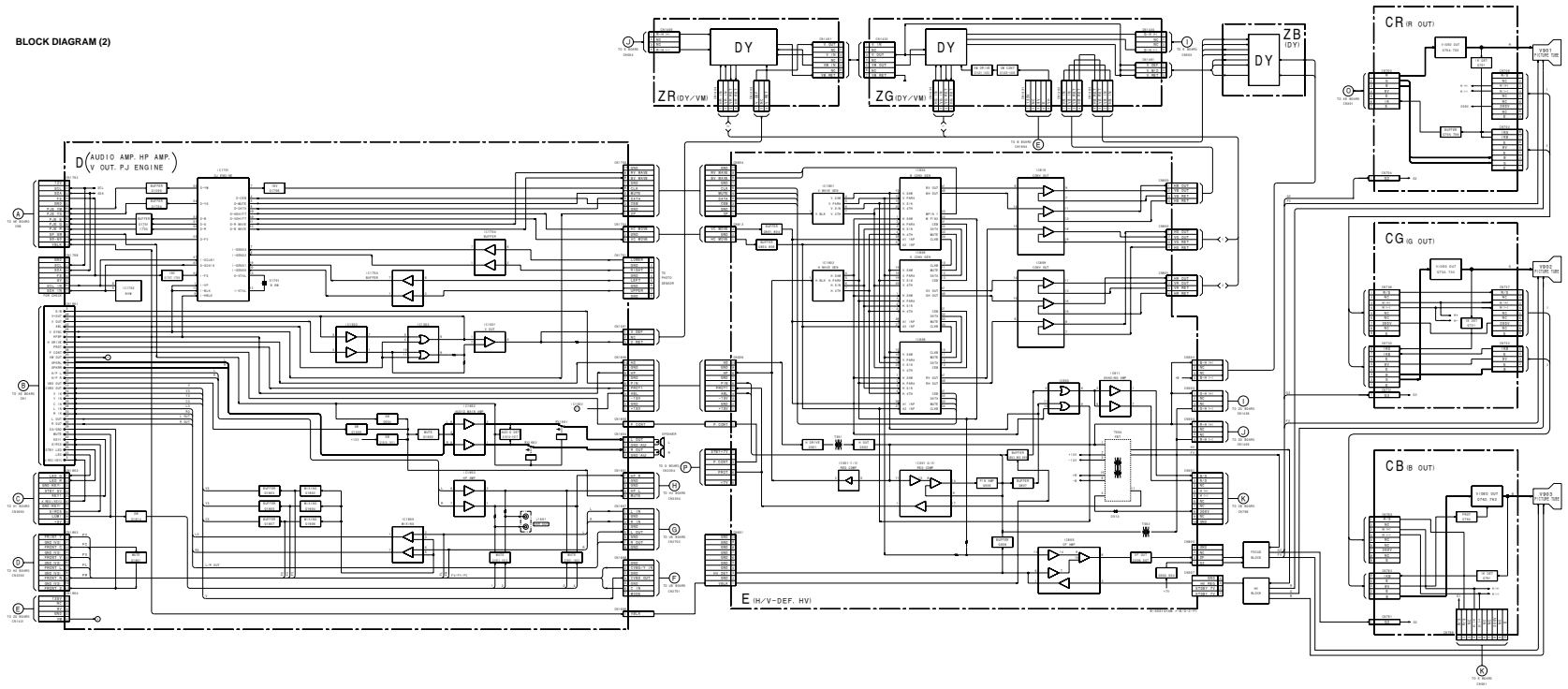


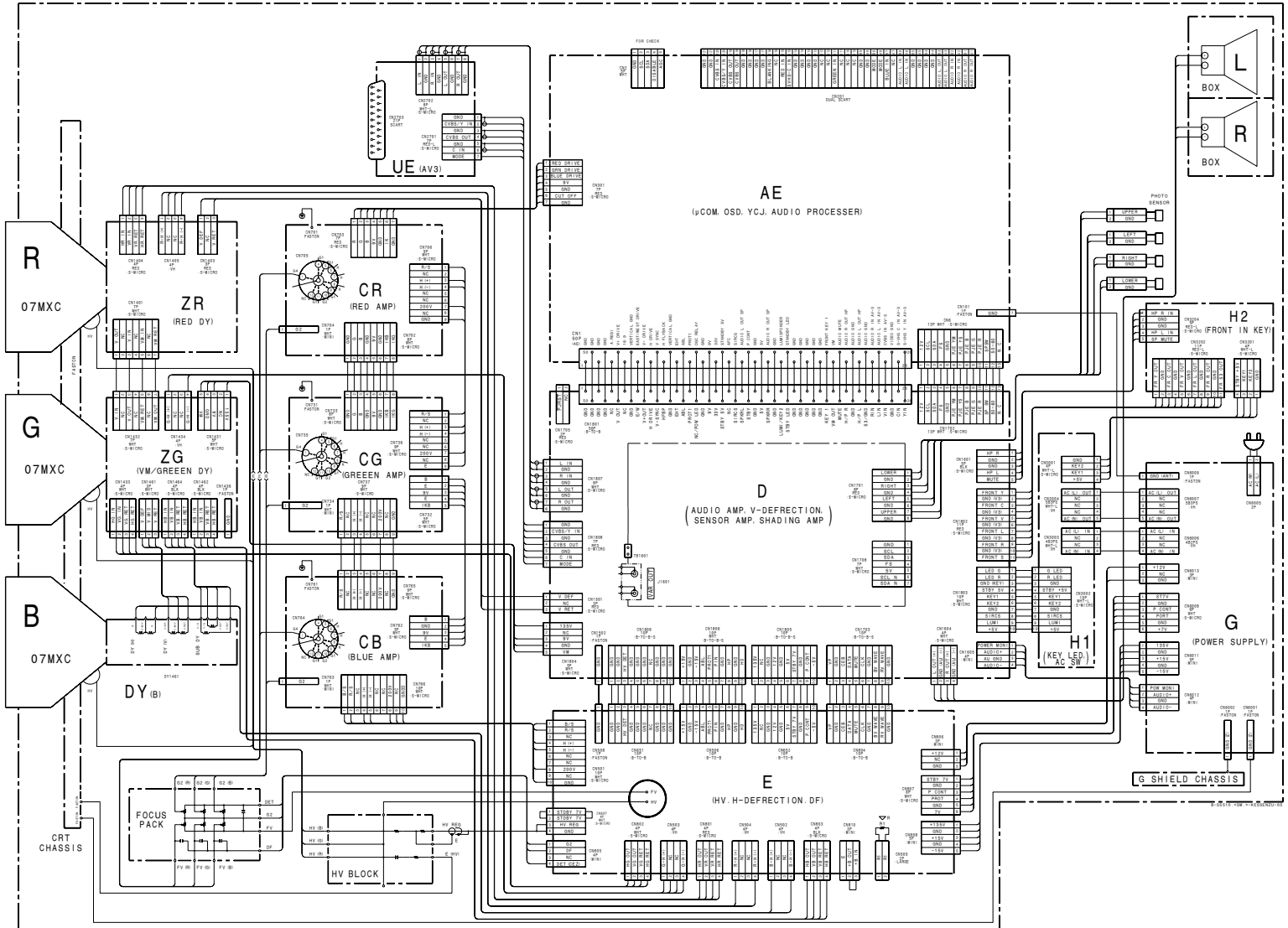
SECTION 6
DIAGRAM

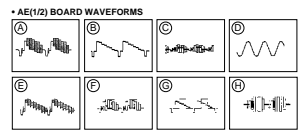
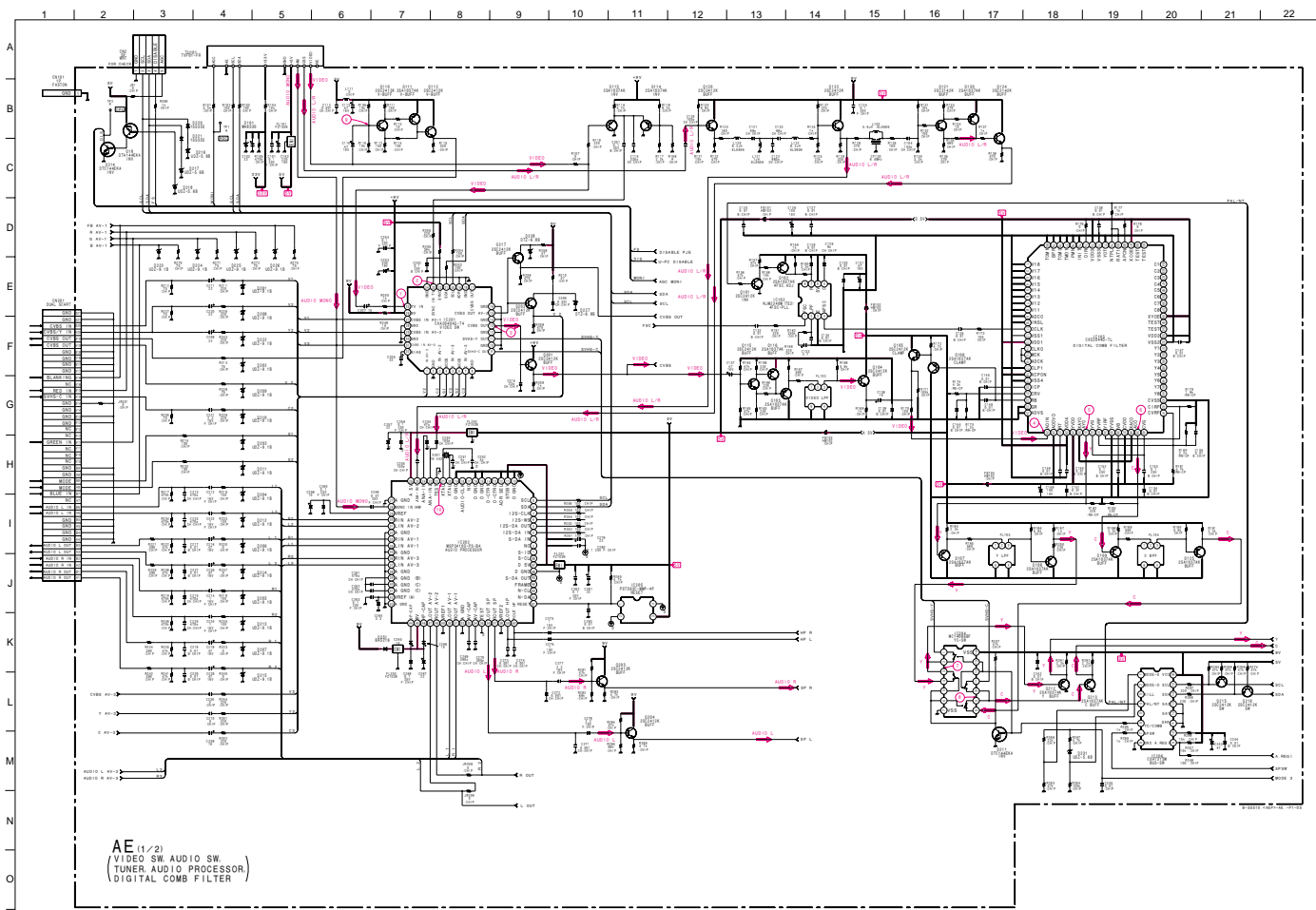
6-1. BLOCK DIAGRAM (1)



BLOCK DIAGRAM (2)







• WAVEFORMS AE(1/2) BOARD

CIRCUIT REFERENCE	PA	SECAM	NTSC
1	1	1	1
2	1	1	1
3	1	1	1
4	1	1	1
5	1	1	1
6	1	1	1
7	1	1	1
8	1	1	1
9	1	1	1
10	1	1	1
11	1	1	1
12	1	1	1
13	1	1	1
14	1	1	1
15	1	1	1
16	1	1	1
17	1	1	1
18	1	1	1
19	1	1	1
20	1	1	1
21	1	1	1
22	1	1	1

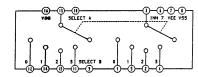
AE(1/2) BOARD IC VOLTAGE LIST

REF	NO	VOL	REF	NO	VOL	REF	NO	VOL
IC100	1	2.1	2	0.0	0.0			
	2	0.0	3	0.0	0.0			
	3	0.0	4	0.0	0.0			
	4	0.0	5	0.0	0.0			
	5	0.0	6	0.0	0.0			
	6	0.0	7	0.0	0.0			
	7	0.0	8	0.0	0.0			
	8	0.0	9	0.0	0.0			
	9	0.0	10	0.0	0.0			
	10	0.0	11	0.0	0.0			
	11	0.0	12	0.0	0.0			
	12	0.0	13	0.0	0.0			
	13	0.0	14	0.0	0.0			
	14	0.0	15	0.0	0.0			
	15	0.0	16	0.0	0.0			
	16	0.0	17	0.0	0.0			
	17	0.0	18	0.0	0.0			
	18	0.0	19	0.0	0.0			
	19	0.0	20	0.0	0.0			
	20	0.0	21	0.0	0.0			
	21	0.0	22	0.0	0.0			
	22	0.0	23	0.0	0.0			
	23	0.0	24	0.0	0.0			
	24	0.0	25	0.0	0.0			
	25	0.0	26	0.0	0.0			
	26	0.0	27	0.0	0.0			
	27	0.0	28	0.0	0.0			
	28	0.0	29	0.0	0.0			
	29	0.0	30	0.0	0.0			
	30	0.0	31	0.0	0.0			
	31	0.0	32	0.0	0.0			
	32	0.0	33	0.0	0.0			
	33	0.0	34	0.0	0.0			
	34	0.0	35	0.0	0.0			
	35	0.0	36	0.0	0.0			
	36	0.0	37	0.0	0.0			
	37	0.0	38	0.0	0.0			
	38	0.0	39	0.0	0.0			
	39	0.0	40	0.0	0.0			
	40	0.0	41	0.0	0.0			
	41	0.0	42	0.0	0.0			
	42	0.0	43	0.0	0.0			
	43	0.0	44	0.0	0.0			
	44	0.0						

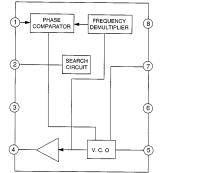
AE(1/2) BOARD TRANSISTOR VOLTAGE LIST

REF	NO	VOL	REF	NO	VOL
Q10	1	4.8	Q14	5	5.4
Q11	2	0.0	15	15	7.2
Q12	3	0.0	16	16	0.0
Q13	4	0.0	17	17	0.0
Q14	5	0.0	18	18	0.0
Q15	6	0.0	19	19	0.0
Q16	7	0.0	20	20	0.0
Q17	8	0.0	21	21	0.0
Q18	9	0.0	22	22	0.0
Q19	10	0.0	23	23	0.0
Q20	11	0.0	24	24	0.0
Q21	12	0.0	25	25	0.0
Q22	13	0.0	26	26	0.0
Q23	14	0.0	27	27	0.0
Q24	15	0.0	28	28	0.0
Q25	16	0.0	29	29	0.0
Q26	17	0.0	30	30	0.0
Q27	18	0.0	31	31	0.0
Q28	19	0.0	32	32	0.0
Q29	20	0.0	33	33	0.0
Q30	21	0.0	34	34	0.0
Q31	22	0.0	35	35	0.0
Q32	23	0.0	36	36	0.0
Q33	24	0.0	37	37	0.0
Q34	25	0.0	38	38	0.0
Q35	26	0.0	39	39	0.0
Q36	27	0.0	40	40	0.0
Q37	28	0.0	41	41	0.0
Q38	29	0.0	42	42	0.0
Q39	30	0.0	43	43	0.0
Q40	31	0.0	44	44	0.0
Q41	32	0.0	45	45	0.0
Q42	33	0.0	46	46	0.0
Q43	34	0.0	47	47	0.0
Q44	35	0.0	48	48	0.0
Q45	36	0.0	49	49	0.0
Q46	37	0.0	50	50	0.0
Q47	38	0.0	51	51	0.0
Q48	39	0.0	52	52	0.0
Q49	40	0.0	53	53	0.0
Q50	41	0.0	54	54	0.0
Q51	42	0.0	55	55	0.0
Q52	43	0.0	56	56	0.0
Q53	44	0.0	57	57	0.0
Q54	45	0.0	58	58	0.0
Q55	46	0.0	59	59	0.0
Q56	47	0.0	60	60	0.0
Q57	48	0.0	61	61	0.0
Q58	49	0.0	62	62	0.0
Q59	50	0.0	63	63	0.0
Q60	51	0.0	64	64	0.0
Q61	52	0.0	65	65	0.0
Q62	53	0.0	66	66	0.0
Q63	54	0.0	67	67	0.0
Q64	55	0.0	68	68	0.0
Q65	56	0.0	69	69	0.0
Q66	57	0.0	70	70	0.0
Q67	58	0.0	71	71	0.0
Q68	59	0.0	72	72	0.0
Q69	60	0.0	73	73	0.0
Q70	61	0.0	74	74	0.0
Q71	62	0.0	75	75	0.0
Q72	63	0.0	76	76	0.0
Q73	64	0.0	77	77	0.0
Q74	65	0.0	78	78	0.0
Q75	66	0.0	79	79	0.0
Q76	67	0.0	80	80	0.0
Q77	68	0.0	81	81	0.0
Q78	69	0.0	82	82	0.0
Q79	70	0.0	83	83	0.0
Q80	71	0.0	84	84	0.0
Q81	72	0.0	85	85	0.0
Q82	73	0.0	86	86	0.0
Q83	74	0.0	87	87	0.0
Q84	75	0.0	88	88	0.0
Q85	76	0.0	89	89	0.0
Q86	77	0.0	90	90	0.0
Q87	78	0.0	91	91	0.0
Q88	79	0.0	92	92	0.0
Q89	80	0.0	93	93	0.0
Q90	81	0.0	94	94	0.0
Q91	82	0.0	95	95	0.0
Q92	83	0.0	96	96	0.0
Q93	84	0.0	97	97	0.0
Q94	85	0.0	98	98	0.0
Q95	86	0.0	99	99	0.0
Q96	87	0.0	100	100	0.0

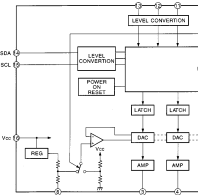
AE(1/2) BOARD : IC203 MC14052BDR2



AE(1/2) BOARD : IC102 NJM2240M(TE2)

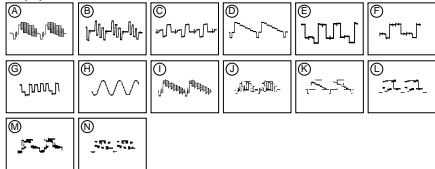


AE(1/2) BOARD : IC206 CX1A151M



AE(1/2)
(VIDEO SW, AUDIO SW,
TUNER, AUDIO PROCESSOR,
DIGITAL COMB FILTER)

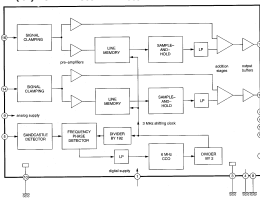
• AE(2/2) BOARD WAVEFORMS



• WAVEFORMS AE(2/2) BOARD

WAVEFORM REFERENCE	PAL	SECAM	NTSC
1	1.00000000	1.00000000	1.00000000
2	1.00000000	1.00000000	1.00000000
3	1.00000000	1.00000000	1.00000000
4	1.00000000	1.00000000	1.00000000
5	1.00000000	1.00000000	1.00000000
6	1.00000000	1.00000000	1.00000000
7	1.00000000	1.00000000	1.00000000
8	1.00000000	1.00000000	1.00000000
9	1.00000000	1.00000000	1.00000000
10	1.00000000	1.00000000	1.00000000
11	1.00000000	1.00000000	1.00000000
12	1.00000000	1.00000000	1.00000000
13	1.00000000	1.00000000	1.00000000
14	1.00000000	1.00000000	1.00000000
15	1.00000000	1.00000000	1.00000000
16	1.00000000	1.00000000	1.00000000
17	1.00000000	1.00000000	1.00000000
18	1.00000000	1.00000000	1.00000000
19	1.00000000	1.00000000	1.00000000
20	1.00000000	1.00000000	1.00000000

AE(2/2) BOARD : IC302 TDA4665T

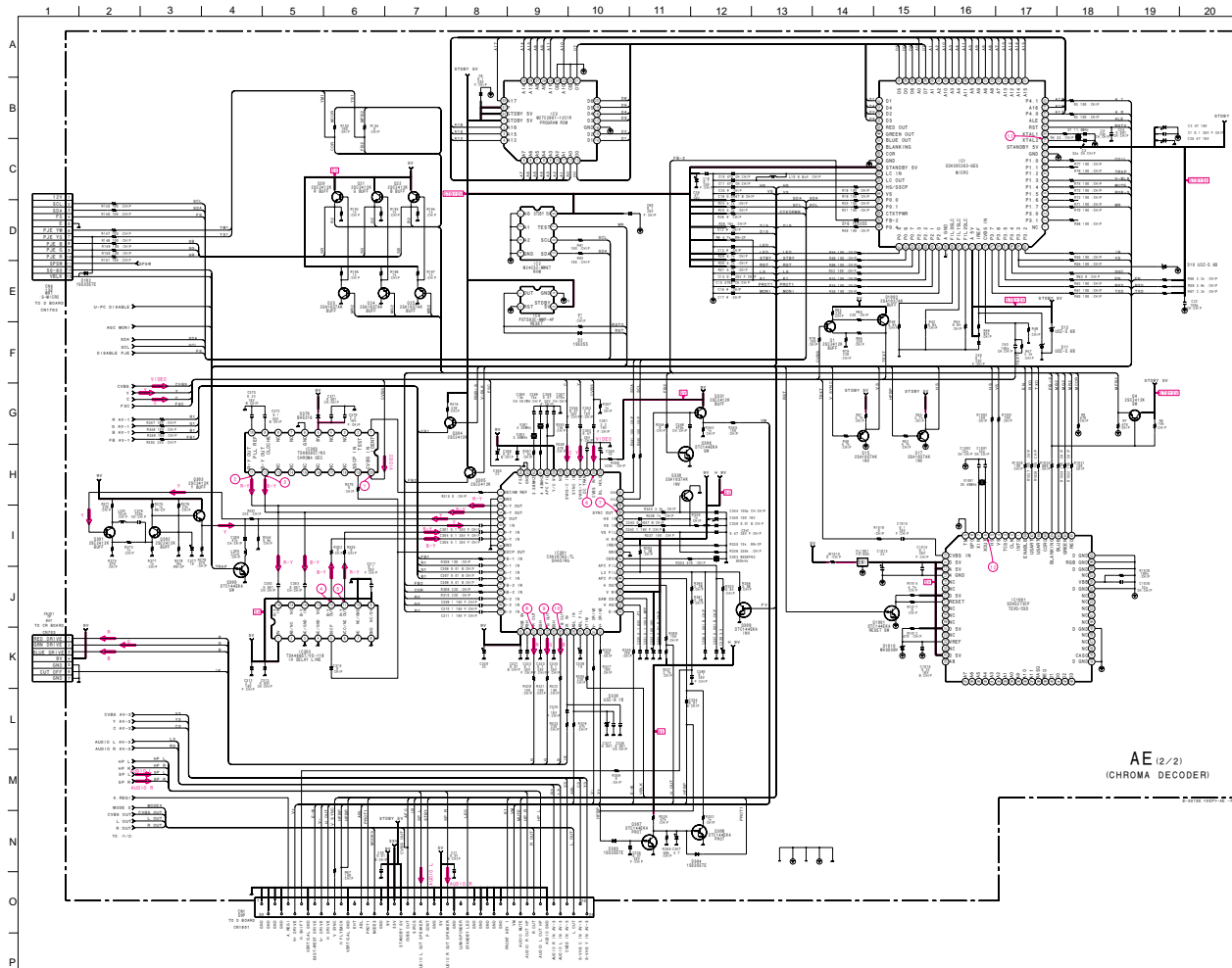


AE(2/2) BOARD IC VOLTAGE LIST

IC	NO.	VOL.	IC	NO.	VOL.
IC1	1	5.0	IC1	20	5.0
IC1	2	5.0	IC1	21	5.0
IC1	3	5.0	IC1	22	5.0
IC1	4	5.0	IC1	23	5.0
IC1	5	5.0	IC1	24	5.0
IC1	6	5.0	IC1	25	5.0
IC1	7	5.0	IC1	26	5.0
IC1	8	5.0	IC1	27	5.0
IC1	9	5.0	IC1	28	5.0
IC1	10	5.0	IC1	29	5.0
IC1	11	5.0	IC1	30	5.0
IC1	12	5.0	IC1	31	5.0
IC1	13	5.0	IC1	32	5.0
IC1	14	5.0	IC1	33	5.0
IC1	15	5.0	IC1	34	5.0
IC1	16	5.0	IC1	35	5.0
IC1	17	5.0	IC1	36	5.0
IC1	18	5.0	IC1	37	5.0
IC1	19	5.0	IC1	38	5.0
IC1	20	5.0	IC1	39	5.0
IC1	21	5.0	IC1	40	5.0
IC1	22	5.0	IC1	41	5.0
IC1	23	5.0	IC1	42	5.0
IC1	24	5.0	IC1	43	5.0
IC1	25	5.0	IC1	44	5.0
IC1	26	5.0	IC1	45	5.0
IC1	27	5.0	IC1	46	5.0
IC1	28	5.0	IC1	47	5.0
IC1	29	5.0	IC1	48	5.0
IC1	30	5.0	IC1	49	5.0
IC1	31	5.0	IC1	50	5.0
IC1	32	5.0	IC1	51	5.0
IC1	33	5.0	IC1	52	5.0
IC1	34	5.0	IC1	53	5.0
IC1	35	5.0	IC1	54	5.0
IC1	36	5.0	IC1	55	5.0
IC1	37	5.0	IC1	56	5.0
IC1	38	5.0	IC1	57	5.0
IC1	39	5.0	IC1	58	5.0
IC1	40	5.0	IC1	59	5.0
IC1	41	5.0	IC1	60	5.0
IC1	42	5.0	IC1	61	5.0
IC1	43	5.0	IC1	62	5.0
IC1	44	5.0	IC1	63	5.0
IC1	45	5.0	IC1	64	5.0
IC1	46	5.0	IC1	65	5.0
IC1	47	5.0	IC1	66	5.0
IC1	48	5.0	IC1	67	5.0
IC1	49	5.0	IC1	68	5.0
IC1	50	5.0	IC1	69	5.0
IC1	51	5.0	IC1	70	5.0
IC1	52	5.0	IC1	71	5.0
IC1	53	5.0	IC1	72	5.0
IC1	54	5.0	IC1	73	5.0
IC1	55	5.0	IC1	74	5.0
IC1	56	5.0	IC1	75	5.0
IC1	57	5.0	IC1	76	5.0
IC1	58	5.0	IC1	77	5.0
IC1	59	5.0	IC1	78	5.0
IC1	60	5.0	IC1	79	5.0
IC1	61	5.0	IC1	80	5.0
IC1	62	5.0	IC1	81	5.0
IC1	63	5.0	IC1	82	5.0
IC1	64	5.0	IC1	83	5.0
IC1	65	5.0	IC1	84	5.0
IC1	66	5.0	IC1	85	5.0
IC1	67	5.0	IC1	86	5.0
IC1	68	5.0	IC1	87	5.0
IC1	69	5.0	IC1	88	5.0
IC1	70	5.0	IC1	89	5.0
IC1	71	5.0	IC1	90	5.0
IC1	72	5.0	IC1	91	5.0
IC1	73	5.0	IC1	92	5.0
IC1	74	5.0	IC1	93	5.0
IC1	75	5.0	IC1	94	5.0
IC1	76	5.0	IC1	95	5.0
IC1	77	5.0	IC1	96	5.0
IC1	78	5.0	IC1	97	5.0
IC1	79	5.0	IC1	98	5.0
IC1	80	5.0	IC1	99	5.0
IC1	81	5.0	IC1	100	5.0

AE(2/2) BOARD TRANSISTOR VOLTAGE LIST

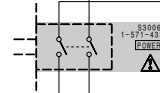
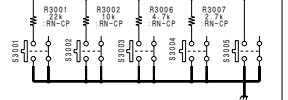
TR	NO.	VOL.	TR	NO.	VOL.
TR1	1	5.0	TR1	10	5.0
TR1	2	5.0	TR1	11	5.0
TR1	3	5.0	TR1	12	5.0
TR1	4	5.0	TR1	13	5.0
TR1	5	5.0	TR1	14	5.0
TR1	6	5.0	TR1	15	5.0
TR1	7	5.0	TR1	16	5.0
TR1	8	5.0	TR1	17	5.0
TR1	9	5.0	TR1	18	5.0
TR1	10	5.0	TR1	19	5.0
TR1	11	5.0	TR1	20	5.0
TR1	12	5.0	TR1	21	5.0
TR1	13	5.0	TR1	22	5.0
TR1	14	5.0	TR1	23	5.0
TR1	15	5.0	TR1	24	5.0
TR1	16	5.0	TR1	25	5.0
TR1	17	5.0	TR1	26	5.0
TR1	18	5.0	TR1	27	5.0
TR1	19	5.0	TR1	28	5.0
TR1	20	5.0	TR1	29	5.0
TR1	21	5.0	TR1	30	5.0
TR1	22	5.0	TR1	31	5.0
TR1	23	5.0	TR1	32	5.0
TR1	24	5.0	TR1	33	5.0
TR1	25	5.0	TR1	34	5.0
TR1	26	5.0	TR1	35	5.0
TR1	27	5.0	TR1	36	5.0
TR1	28	5.0	TR1	37	5.0
TR1	29	5.0	TR1	38	5.0
TR1	30	5.0	TR1	39	5.0
TR1	31	5.0	TR1	40	5.0
TR1	32	5.0	TR1	41	5.0
TR1	33	5.0	TR1	42	5.0
TR1	34	5.0	TR1	43	5.0
TR1	35	5.0	TR1	44	5.0
TR1	36	5.0	TR1	45	5.0
TR1	37	5.0	TR1	46	5.0
TR1	38	5.0	TR1	47	5.0
TR1	39	5.0	TR1	48	5.0
TR1	40	5.0	TR1	49	5.0
TR1	41	5.0	TR1	50	5.0
TR1	42	5.0	TR1	51	5.0
TR1	43	5.0	TR1	52	5.0
TR1	44	5.0	TR1	53	5.0
TR1	45	5.0	TR1	54	5.0
TR1	46	5.0	TR1	55	5.0
TR1	47	5.0	TR1	56	5.0
TR1	48	5.0	TR1	57	5.0
TR1	49	5.0	TR1	58	5.0
TR1	50	5.0	TR1	59	5.0
TR1	51	5.0	TR1	60	5.0
TR1	52	5.0	TR1	61	5.0
TR1	53	5.0	TR1	62	5.0
TR1	54	5.0	TR1	63	5.0
TR1	55	5.0	TR1	64	5.0
TR1	56	5.0	TR1	65	5.0
TR1	57	5.0	TR1	66	5.0
TR1	58	5.0	TR1	67	5.0
TR1	59	5.0	TR1	68	5.0
TR1	60	5.0	TR1	69	5.0
TR1	61	5.0	TR1	70	5.0
TR1	62	5.0	TR1	71	5.0
TR1	63	5.0	TR1	72	5.0
TR1	64	5.0	TR1	73	5.0
TR1	65	5.0	TR1	74	5.0
TR1	66	5.0	TR1	75	5.0
TR1	67	5.0	TR1	76	5.0
TR1	68	5.0	TR1	77	5.0
TR1	69	5.0	TR1	78	5.0
TR1	70	5.0	TR1	79	5.0
TR1	71	5.0	TR1	80	5.0
TR1	72	5.0	TR1	81	5.0
TR1	73	5.0	TR1	82	5.0
TR1	74	5.0	TR1	83	5.0
TR1	75	5.0	TR1	84	5.0
TR1	76	5.0	TR1	85	5.0
TR1	77	5.0	TR1	86	5.0
TR1	78	5.0	TR1	87	5.0
TR1	79	5.0	TR1	88	5.0
TR1	80	5.0	TR1	89	5.0
TR1	81	5.0	TR1	90	5.0
TR1	82	5.0	TR1	91	5.0
TR1	83	5.0	TR1	92	5.0
TR1	84	5.0	TR1	93	5.0
TR1	85	5.0	TR1	94	5.0
TR1	86	5.0	TR1	95	5.0
TR1	87	5.0	TR1	96	5.0
TR1	88	5.0	TR1	97	5.0
TR1	89	5.0	TR1	98	5.0
TR1	90	5.0	TR1	99	5.0
TR1	91	5.0	TR1	100	5.0



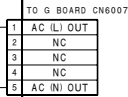
AE (2/2)
(CHROMA DECODER)

H1 (RMC, FUNCTION KEY)

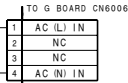
PROG+ PROG- VOL+ VOL- INPUT SELECT



CN3004
SB3P2
WHT-L
:VH



CN3003
4B3P2
WHT-L
:VH



H1 BOARD IC VOLTAGE LIST

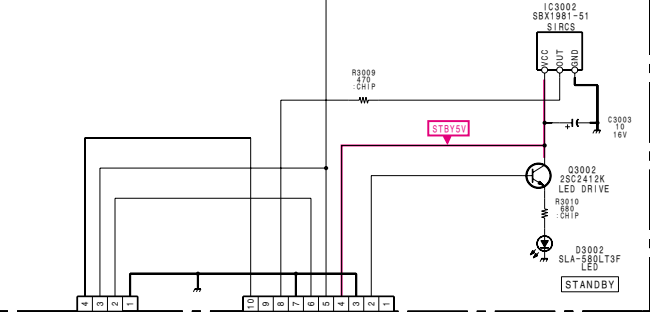
REF. NO.	VOL.
IC3002 VCC	5.0
IC3002 OUT	5.0
IC3002 GND	GND

• All voltage are in V.

H1 BOARD TRANSISTOR VOLTAGE LIST

REF.	VOL.
Q3002 B	0.5
Q3002 E	0.1
Q3002 C	5.0

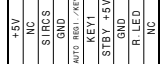
• All voltages are in V.



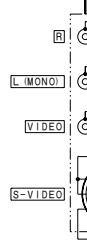
CN3001
4P
WHT-L
:S-MICRO



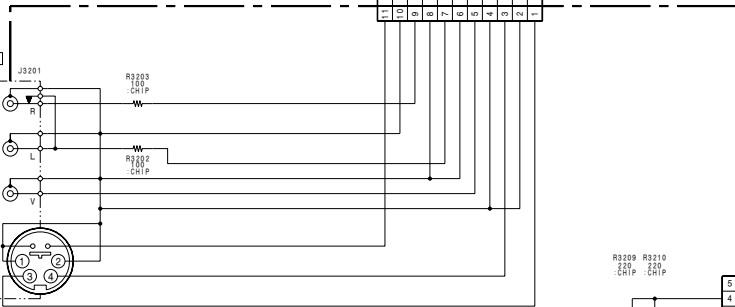
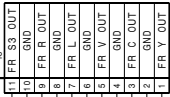
CN3002
9P
WHT-L
:S-MICRO



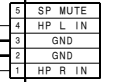
VIDEO INPUTS



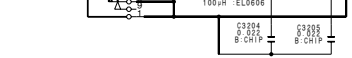
CN3202
11P
RED-L
S-MICRO



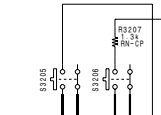
CN3204
5P
BLK-L
S-MICRO



HEADPHONE



AUTO CONVERGENCE AUTO PRESET



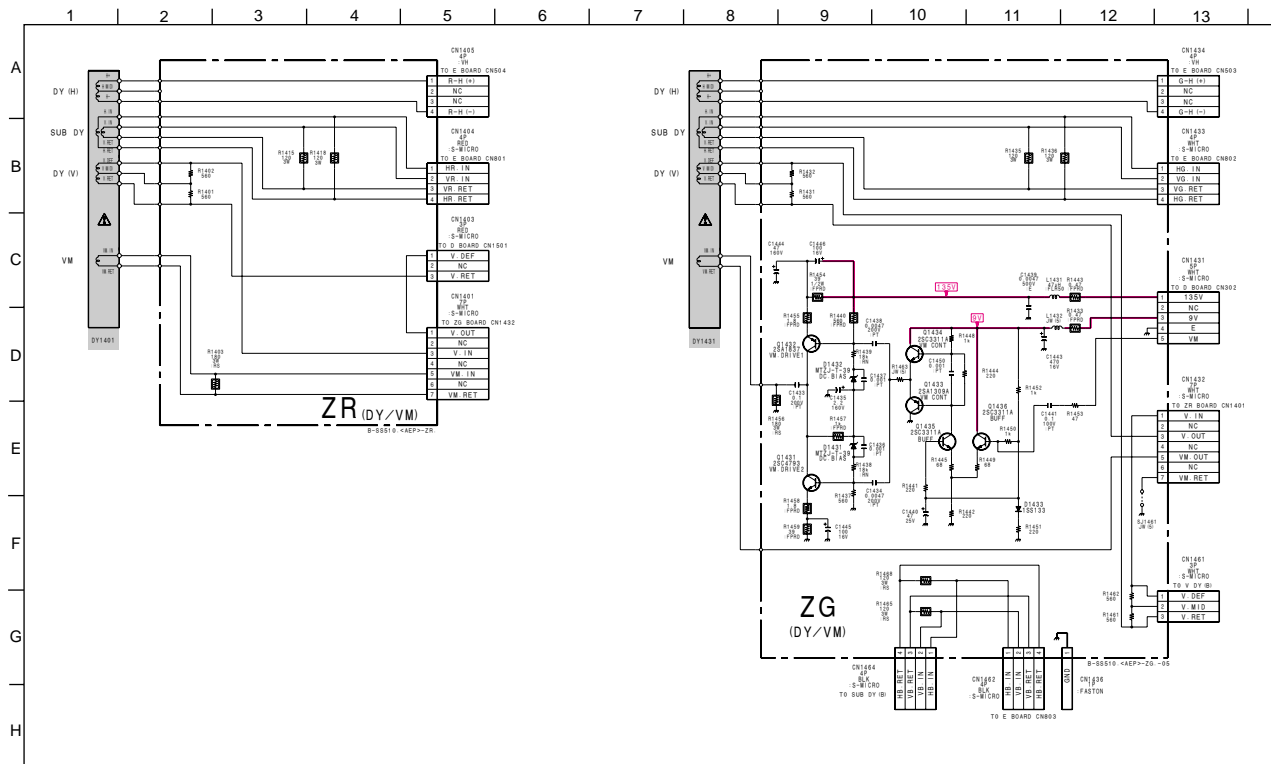
CN3201
4P
WHT-L
:S-MICRO



H2 (A/V INPUT, FUNCTION KEY)

B-S6510 <AEP>-H2

TO H1 BOARD CN3001

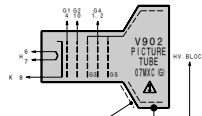
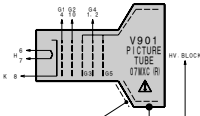


ZG BOARD TRANSISTOR
VOLTAGE LIST

REF	VOL
Q1431	B 1.0
	E 0.5
	C 68.6
Q1432	B 134.5
	E 134.9
	C 68.6
Q1434	B 5.9
	E 6.1
	C GND
Q1435	B 6.5
	E 6.1
	C 9.0
Q1435	B 2.2
	E 1.6
	C 5.9
Q1436	B 2.2
	E 1.6
	C 9.0

All voltages are in V.

A
B
C
D
E
F
G
H
I
J



CR BOARD TRANSISTOR VOLTAGE LIST

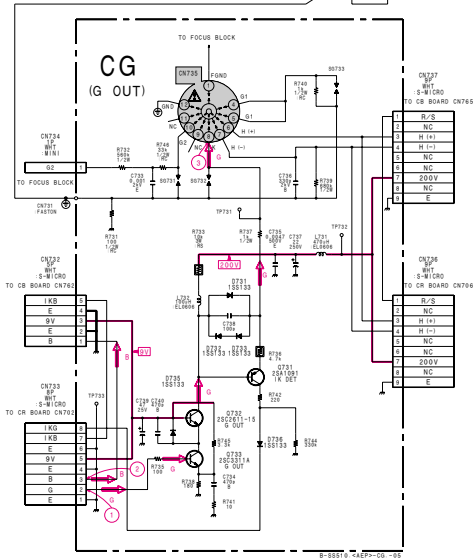
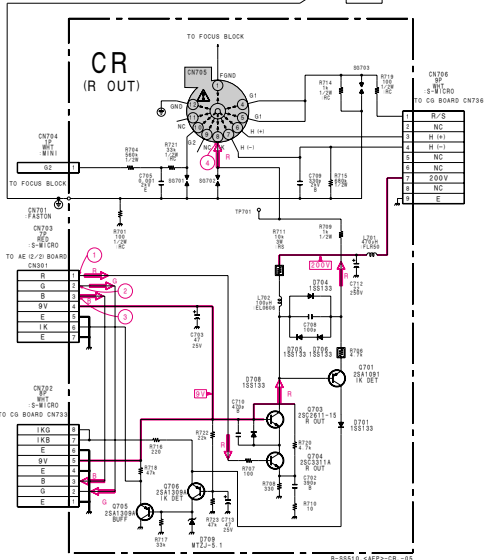
REF.	VOL.
Q701 B	160.9
Q701 E	156.9
Q703 B	9.0
Q703 E	8.5
Q704 B	160.9
Q704 E	1.2
Q705 B	3.4
Q705 C	8.5
Q705 D	3.2
Q706 B	5.7
Q706 E	10.9
Q706 C	3.4

All voltages are in V.

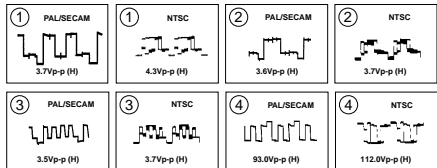
CG BOARD TRANSISTOR VOLTAGE LIST

REF.	VOL.
Q731 B	150.4
Q731 E	144.4
Q732 B	11.5
Q732 E	8.5
Q733 B	150.4
Q733 E	1.3
Q733 C	8.5

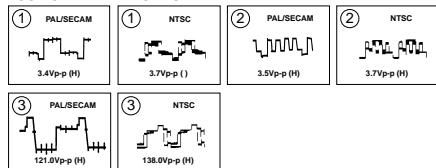
All voltages are in V.

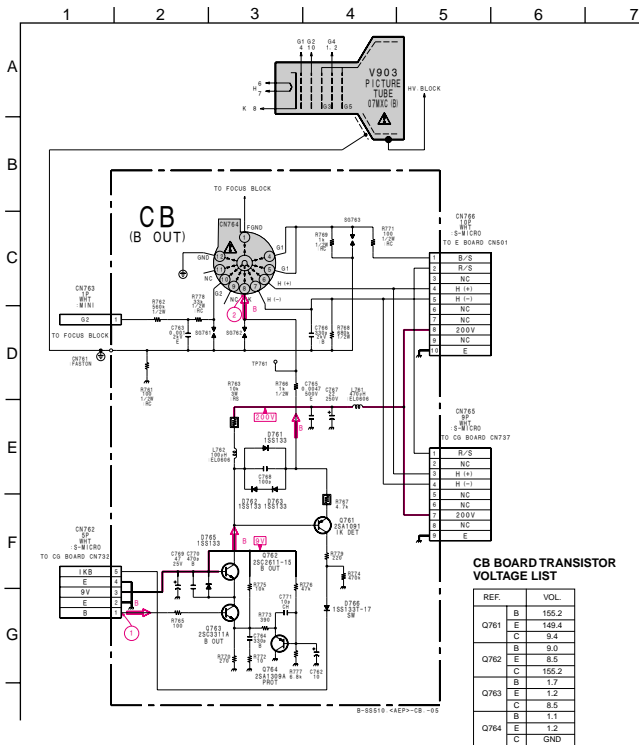


• CR BOARD WAVEFORMS



• CG BOARD WAVEFORMS





• CB BOARD WAVEFORMS

