

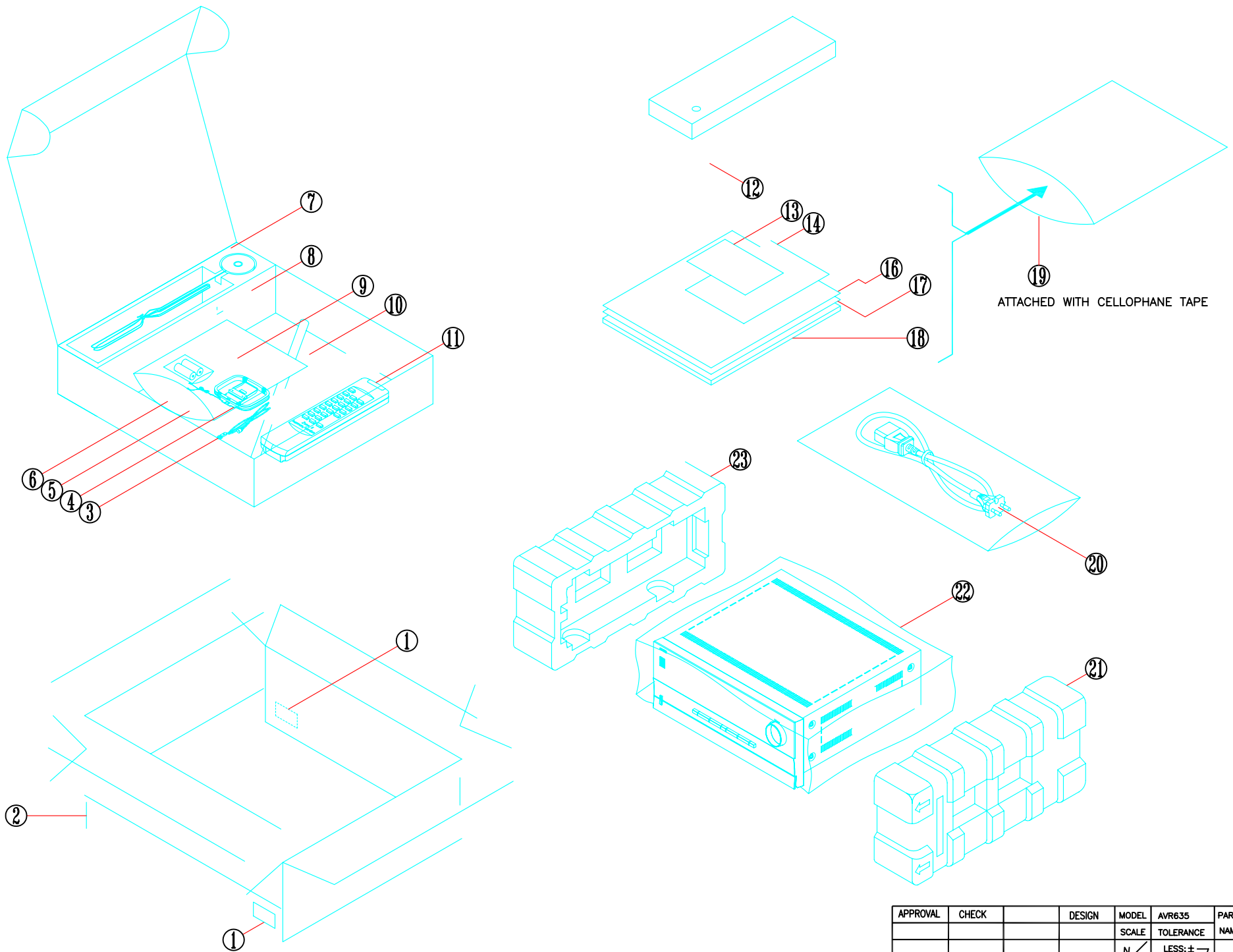
AVR 435/230

SERVICE MANUAL



harman/kardon®

Power for the Digital Revolution®



ATTACHED WITH CELLOPHANE TAPE

APPROVAL	CHECK	DESIGN	MODEL	AVR635	PARTS	PACKING DRAWING AVR635/435 EU MODEL NO.
			SCALE	TOLERANCE	NAME	
			N	LESS; ±	NO.	
			S	LESS; ±		
			UNIT	LESS; ±		
			m/m	LESS;		

NO	AVR435	DESCRIPTION	Q'TY
1	ZKD2073HA00	LABEL BARCODE AVR435 EU	2
2	ZKD2004HA00	BOX CARTON AVR435 EU	1
3	H03-WAD01200303	ANTENNA WIRE 75 OHM WIRE CT03-FM 00	1
4	H03-ATALF039ABK	ANTENNA WIRE ANTENNA LOOP CT01-AM	1
5	BTA3A1511SF	BATTERY ALKALINE 1.5V AAA	2
6	ZBP00020350	POLYBAG BATTERY	1
7	ZKD1202HA00	CARTON BOX MIC	1
8	H03-MCD12TWBKNN	AVR635/435 MICROPHONE ASSY	1
9	ZBP00161851	BAG PE 160X180MM	1
10	H03-ZPD1212INBK	MICROPHONE ASSY EXTENSION PIECE	1
11	H03-RYC1202HA00	REMOCON ZONE 2	1
12	H03-RYD2001HA00	REMOCON AVR435 EU	1
13	ZKC1113HA00	CARD WARRANTY	1
14	ZKC1263HA00	INSERT RS232 NOTE PAPER	1
15			1
16	ZKC1214HA00	LABEL SAFETY LEAFLET	1
17	H03-ZKEUR63HA00	BROCHURE AVR EU	1
18	ZKD2001HA00	MANUAL AVR435 EU	1
19	ZBP00122051	BAG PE 330 X 245 T0.05	1
20	H03-WAD022000BK	POWER CORD H05VVF 0.75MMSQ 2G BLACK 2000MM	1
21	ZQD1201HAWH	CUSHION POLY EPS RIGHT AVR635	1
22	ZHC1201AAWH	FILM SHEET PE 920 X 1000 0.3~0.7T	1
23	ZQD1202HAWH	CUSHION POLY EPS LEFT AVR635	1

NO	Part number	DESCRIPTION	
1	H03-ZMC11S00200	AL DOOR AVR	1
2	H03-ZMC11S00300	AL PANEL AVR	1
3	H03-ZMC12S20A00	BADGE AL HARMAN/KARDON SILVER	1
4	H03-ZMGEN00GAGY	AL LOGO BADGE TOP	1
5	H03-ZMC11S08A00	COVER TOP AVR	1
6	H03-ZVC11DWT200	TAPE PANEL	1
7	H03-ZVC11DWT100	TAPE DOOR	1
8	H03-ZMD12S01A00	SHIELD IR	1
9	H03-SOSS9CKX3NN	JACK PHONE 6.35 H70980110S 9P BK	1
10	H03-ZMB01S00100	BKT HEADPHONE JACK	1
11	H03-SWA2B21PDA&	SW PUSH POWER SDDL15700 5A 250V	1
12	ZPC1006GAWH	BUTTON STANDBY	1
13	ZPC1003GAGY	BUTTON POWER	1
14	ZPC1007GAMW	INDICATOR STAND-BY	1
15	H03-ZMC11S12A00	CAP BUTTON STAND-BY	1
16	ZFD122062SB	RUBBER TOP 20X15X6.2t	1
17	ZPD1201GAGY	PANEL FRONT	1
18	H03-ZMC11S14A00	BKT DOOR	1
19	ZPC1002GAGY	DOOR AVR	1
20	H03-ZMD05S16A00	BKT HINGE	2
21	H03-ZPC1018GART	FILTER VFD	1
22	H03-ZPD1119GABT	WINDOW DISPLAY AVR435+BADGE NAME	1
23	H03-ZPD0317GACR	CAP KNOB VOLUME	1
24	H03-ZPD0316GASG	COVER KNOB	1
25	H03-ZPD0315GAMW	VOLUMN KNOB	1
26	H03-ZVC11GEAR01	DAMPER GEAR DP120	1
27	ZPC1102GAMW	INDICATOR VIDEO 4	2
28	ZPC1005GAGY	BUTTON 8 KEY	1
29	H03-ZPC1004GASG	BUTTON 7 KEY	1
30	ZFNR19720SB	RUBBER FOOT 19.7X19.7X2T BK	4
31	ZPC1103GAGY	FOOT 50MM 15.8MM	4
32	H03-ZMC11S13A00	CH MAIN	1
33	H03-SORA3313PNN	JACK RCA 3P YWR	1
34	H03-SORA8OSC5N8	JACK S-VIDEO 1P C40160261N	1
35	H03-ZMC12S17A00	SHIELD DIGITAL	1
36	H03-SORA1JE01NN	JACK RCA 1P JE010003MN GND OR	1
37	H03-SOTOR179LBA	D-LEM TORX-179L	4
38	H03-SO3P5179NNN	JACK PHONE 3.5PI PJ0435179N	1
39	ZFD122072SB	RUBBER TOP 20X20X7.2t	1
40	H03-ZMC11S06A00	SPRING STOPPER	1
41	H03-SWE3A0505S1	SW ROT EC16B24204 5V 500U0A 10T 3P 0 0	1
42	H03-ZMD12S01B00	SHIELD MICROPHONE	1
43	H03-VDHCA18LL03	FL HCA-18LL03	1
44	ZPC1017GABK	HOLDER VFD	1
45	H03-ZMC11S07A00	CH FRONT	1
46	ZFNR1SENSOR	RUBBER SENSOR	1
47	H03-ZVC11FAN100	FAN JF0925S1L	1
48	H03-ZMC11S09A00	BKT FAN FRONT	1
49	H03-ZMC12S08B00	BKT TRANS BOTTOM	1
50	H03-TXPWMMMD20B0	POWER TRANSFORMER	1
51	H03-ZMC12HS0100	HEATSINK 17*15*30	1
52	H03-SOPA20019BK	AC OUTLET	1
53	ZMC12S15AYE	STANDOFF HEX M4X0.7 6X111.2H	1
54	H03-ZMC12S19A00	BKT AC INLET	2
55	H03-ZMD12S04B00	BKT FRAME GUIDE	1
56	H03-ZMD12HS0100	HEATSINK H/SINK AMP	1
57	H03-ZMC12S09A00	BKT HEATSINK	7
58	H03-SOPA8SH0612	JACK SPEAKER 6P SH0612707P	1
59	H03-SORA11Y00NN	JACK RCA+S VIDEO C5016031DN	7
60	H03-ZMC12S16A00	BKT GROUND	1

NO	Part number	DESCRIPTION	
61	H03-SOJW2350SNN	JACK PHONE 3.6 EP-1401A 1P BK	4
62	SOPA96063NN	JACK D-SUB 9P 87204-6063 W/DUST COVER BK	1
63	H03-ZMC11HS0200	H/SINK MAIN	1
64	H03-ZMC11S10A00	BKT FAN REAR	1
65	H03-SORA40GNDNN	JACK RCA 4P JB040131PN WWRR	5
66	H03-ZMD20S02A00	PANEL REAR	1
67	H03-ZVC11TUNE01	TUNER MODULE KST-MB011MW0-81 US	1
68	H03-SOJB04013HN	JACK RCA 4P OR ,OR, OR, OR JB040131HN	1
69	H03-SOTOT179LBA	D-LEM TOTX-179L	1
70	H03-SORA40RSANN	JACK RCA 4P JB040131ZN GN BN PP TA	2
71	H03-SORA40RSCNN	JACK RCA 4P JB040131QN WH BU RD GY	2
72	H03-ZMC11S04B00	BKT FRAME GUIDE	1
73	ZMC12S13AYE	STANDOFF HEX M4X0.7 6X31.9H	3
74	SO0A18P8CNN	JACK-TELE SNAP-IN GOLDEN TELECOM GDL1-8P8C 8T BK 0 0	1
75	H03-SOPA81900NN	TERMINAL SPKR 8P SH081136JP FE 19MM 8 -- 0 0	1
76	H03-ZMC11HS0400	HEATSINK DIODE 47X26X12 AVR630 -- ME	1
77	ZMC12S14AYE	STANDOFF HEX M4X0.7 6X61.9H	3
78	H03-ZMD11HS0400	HEATSINK REG. TR 68X20X50	1
79	ZMC1221AA00	CLAMP WIRE-FIX UL 55212250	1
80	ZFNR13830SB	RUBBER SIDE 50X22X3t	6
81	H03-ZMC12S07A00	COVER BOTTOM	1
82	ZUC1201AABK	SPONGE 30X30X10T BK	3
83	H03-SOR12BJ12NN	JACK RCA 12P BJ120154JN	1
SW	H03-SWC2A112FS1	SWITACT TACT SKQONADD010 12V 50MA	20
	H03-ZMB01S02200	SPRING PLATE GND C5212 0.2T	8

N1	ZNSSM4045HZ	NUT M4 HEXAGON CIRCULAR EXTERNAL	4
S1	ZSTBM3010BB	SCREW ST BH 3X10	64
S2	ZSTWM3008BY	SCREW ST WPH 3X8	49
S3	ZSMCM4010BB	SCREW BM 4X10	4
S4	ZSTWM4008BC	SCREW ST WPH 4X8 SILVER CHROM	12
S5	ZSTWM3006BB	SCREW ST WPH 3X6	7
S7	ZSTBM3012BY	SCREW ST BH 3X12 PIVOT	36
S8	ZSMCM4008BY	SCREW BM 4X8	5
SG	ZSTGM3010BB	SCREW ST BH 3X10 GROUND	50

W1	ZWM623108SZ	WASHER SPRING 3	39
W2	ZWM803305PZ	WASHER PLAIN 3	20
W3	ZWM763109SZ	WASHER SPRING 4	4
W4	ZWMC04810PZ	WASHER PLAIN 4	4

FRONT BD		
Part Number	Description	Position No
3SA-4120US-FCMI-1-0	IMA FRONT BD AVR435US	
H03-CEMGC0476AH-0	CAP ELEC 47uF 25v M 5x11 SHL P5MM	C101 718
CZZFI0104BF-8	CAP CHIP 100N0F +80% -20% 16.0V Y5V 0603	C102 124 521
CZJII0101BE-2	CAP CHIP 100P0F +5% -5% 50.0V NPO 0603	C120 121 122 404 717 900
H03-CFHKA0473NN-9	CAP POLYESTER METAL 47NF 100V 20% CPM	C125 126
CEHFC01075E-1	CE 100UF +-20% 16.0V D5XL11 P5MM 85C	C127
CCZID0104NA-2	CC 100N0F +80% -20% 50.0V F	C128
CZKII0223BC-6	CAP CHIP 22N0F +10% -10% 50.0V X7R 0603	C201 211
CZJII0821CE-0	CAP CHIP 820pF 50V SL J NPO 0805	C300 301
H03-CEMGC04762R-6	CAP ELEC 47UF 25V M 6.3X5 SRE P2.5MM	C501 502 708
H03-CEMFC01062R-8	CAP ELEC 10UF 16V M 3.5X5 SRE P2.5MM	C503 504
CZKII0221BA-3	CAP CHIP 220PF 50V K SL 0603	C505 506
CEHEC02275E-9	CE 220UF +20% 10.0V D6.3XL11 P5MM 85C	C517
CZDII0100CE-7	CAP CERAMIC/CHIP 10PF 50V CH D N 0805	C701 704 706
CZJII0101CE-1	CAP CERAMIC/CHIP 100PF 50V CH J NPO 0805	C702
CZJII0122CC-8	CAP CHIP 1n2F 50V SL J X7R 0805	C703 705 707
CZKII0104CC-2	CAP CHIP 100NF 50.0V X7R K 0805	C709
H03-DG1N04148NB-A	D-SLP 1N4148 100.0V 150E-3A	D101 301
H03-DSUDZ05V1NB-A	DIODE ZENER UDZ5.1B 5.1V 200MIOW	D110
H03-DS1S50094NB-5	D-SLP 1SS355 35.0V 225MIOA	D701 702 715
H03-DL3BA05V0BA-8	D-LEM BLUE/AMBER 3PIE RD RND CL L-3VYMB	D831
H03-DL30B2015AA-5	D-LEM 30B3-20-15 GaN SUPER BLUE WATER CLEAR 15	D853 854 855 856
H03-VDHCA18LL03-2	FL HCA-18LL03	DP1
H03-IC74HC4094D-1	IC CD74HC4094D(R-PDSO-G16) SOP16	IC101
H03-ICLM02068D2-5	IC-OPERAMP NJM2068M-TE1 DUAL SOP8	IC50
H03-LAINB047OCR-9	LF 4U7H +10% 1.7 OHM 190.0A	L120
H03-LAINB047OCR-8	LF 47U0H +10% 5.8 OHM 500MIOA	L121
H03-WG03AB80900-8	WIRECONASY DL 2.0MM 03P 90MM ANG-DOWN UL1007 RIBBON 26 1 B2011HR2	N201
H03-WG08SD84000-7	WIRE ASS'Y UL1007#24 STR 400mm 2.5mm 8P WHT	N202
H03-WG07SB82000-A	WIRE ASS'Y UL1007#26STR 200mm 2.0mm 7P WHT	N203
H03-WS4261005FN-3	WIRE ASS'Y UL2547/1007#26 100MM 4P 2.0MM WHT	N204
H03-WS7260805EN-6	WIRE ASS'Y UL1533/1007#26 80MM 2.0MM 7P WHT SHILED	N222
H03-WN19AB00000-4	CONN 2.0MM 19 MA R NAT SOCKET MOLEX 35237-1910 0 0	N602
H03-WN15AI00001-2	CONNECT GF120-15S-LS 1.25mm 15P	P201
H03-WN27AI00000-A	CONNECT 1.25mm 27P GF120-27S-LS	P211
H03-WN11SB00000-3	CONN 2.0MM 11P MA ST NAT MOLEX 35336-1110 0 0	P233
H03-WN11AB00000-6	CONN 2.0MM 11 MA R NAT SOCKET MOLEX 35237-1110 0 0	P234
H03-WN19SB00000-1	CONN 2.0MM 19 MA ST NAT MOLEX 35336-1910 0 0	P602 603
H03-WN06SB01000-4	CNT PLUG BD/BD PLUG 2.0mm 35336-0610 6P	P604
H03-TRKTC3875ND-A	TRANSISTOR NPN KTC3875S SOT23	Q701 702
H03-TRKTA1504ND-2	TRANSISTOR PNP KTA1504Y(S)SOT-23	Q703 704 705
H03-TRDTC114YNI-0	TR-SSD DTC114YKA N 10K0 OHM 47K0 OHM	Q820 822
H03-TRMPSA06NNA-A	TR-SLPLF MPSA06 N 500MIOA TO-92	Q821
H03-TRMPSA56YNA-0	TR-SLPLF MPSA56 Y P -500MIOA -300V	Q823
H03-TRDTA114YNI-4	TR-SSD DTA114YKA P 10K0 OHM 47K0 OHM	Q824 831 832 833
RS3AD0102NA-3	RES CHIP 1K0 OHM +5% 62MI5W 0603	R101 102 103 201 211 503 515 824
RC3DI0102IN-9	RCF 1K0 OHM +5% 250MIOW	R104
RC3DI0101IN-0	RCF 100R0 OHM +5% 250MIOW	R105 122 123 501 502
RC3DI0103IN-7	RCF 10K0 OHM +5% 250MIOW	R111 112 113
RC3DI0471IN-0	RCF 470R0 OHM +5% 250MIOW	R120 121
RS3AD0122NA-8	RES CHIP 1K2 OHM +5% 62MI5W 0603	R202 212
RS3AD0152NA-A	RES CHIP 1K5 OHM +5% 62MI5W 0603	R203 213
RS3AD0222NA-4	RES CHIP 2K2 OHM +5% 62MI5W 0603	R204 214 510 519
RS3AD0272NA-0	RES CHIP 2K7 OHM +5% 62MI5W 0603	R205 215
RS3AD0332NA-8	RES CHIP 3K3 OHM +5% 62MI5W 0603	R206 216 506
RS3AD0562NA-2	RES CHIP 5K6 OHM +5% 62MI5W 0603	R207 217
RS3AD0822NA-2	RES CHIP 8K2 OHM +5% 62MI5W 0603	R208 218
RS3AD0183NA-A	RES CHIP 18K0 OHM +5% 62MI5W 0603	R209 219
RS3AD0683NA-1	RES CHIP 68K0 OHM +5% 62MI5W 0603	R301 302
RS3AD0103NA-1	RES CHIP 10K0 OHM +5% 62MI5W 0603	R505 822
RS3AD0911NA-3	RES CHIP 910 OHM +5% 62MI5W 0603	R508
RS3AD0472NA-3	RES CHIP 4K7 OHM +5% 1/16W 0603	R509

FRONT BD		
Part Number	Description	Position No
RS3AD0104NA-A	RES CHIP 100K0 OHM +5% 62MI5W 0603	R516
RC3DI0182IN-7	RCF 1K8 OHM 5% 1/4W	R518
RS3AD0473NA-1	RES CHIP 47K0 OHM +5% 62MI5W 0603	R520
RS3BB0683NA-6	RES,CHIP,68K 1/10W +/-5%,0805	R701
RS3BB0103NA-6	RES,CHIP,10K 1/10W +/-5%,0805	R702 704 709 710
RS3BB0272NA-5	RES,CHIP,2.7K 1/10W +/-5%,0805	R703
RS3BB0564NA-3	RES,CHIP,560K OHM,1/10W +/-5%,0805	R705
RS3BB0105NA-2	RES,CHIP,1M 1/10W +/-5%,0805	R706 707
RS3BB0511NA-2	RES,CHIP,510 1/10W +/-5%,0805	R708
RS3CB0102NN-8	RES,CHIP,1K,1/8W,+/-5%,0805	R711 715
RS3BB0221NA-0	RES,CHIP,220R 1/10W +/-5%,0805	R712 713
RS3BB0471NA-A	RES, CHIP 470 OHM 1/10W +/-5%, 0805	R714
RS3AD0101NA-5	RES CHIP 100R0 OHM +5% 62MI5W 0603	R746
RS3AD0563NA-0	RES CHIP, 56K 1/16W +/-5%, 0603.	R821
RS3AD0221NA-6	RES CHIP 220R0 OHM +5% 62MI5W 0603	R823
RC3DI0151IN-7	RCF 150 OHM 5% 1/4W	R831
RC3DI0331IN-5	RCF 330R0 OHM +5% 250MI0W	R832
RC3DI0561IN-A	RCF 560R0 OHM +5% 250MI0W	R851 852
CCKID0101NA-7	CC 100P0F +10% -10% 50.0V Y5P	REWORK C5 C6
CCKID0680NN-5	CC 68PF +10% -10% 50.0V 2B4	REWORK C7
H03-ICRPM6938NN-9	IC-REMOTE RPM6938-RSIP-A3 RECEIVER 38KHZ	RM71
H03-DPLP200LNNN-2	PIN PHOTO DIODE LP-200TL	RM72
H03-ZMB01S02200-4	SPRING PLATE GND C5212 0.2T	S2 4 5 6 7
H03-SWC2A112FS1-3	SWITACT VERTICAL SKQONADD010 12V 50MA	S201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220
H03-ZMD12S01A00-9	SHIELD IR	SH11
H03-ZMC12S16A00-5	BKT GROUND	SH12
H03-ZMD12S01B00-0	SHIELD MICROPHONE	SH22
H03-SWE3A0505S1-4	SWIROT EC16B24204 5V 500U0A 10T 3P 0 0	VR100
ZFNR1SENSOR-0	RUBBER SENSOR	
MAIN BD		
Part Number	Description	Position No
3SA-4120US-MAMI-1-3	IMA MAIN BD AVR435US	
CCKIC0222NA-1	CC 2N2F +10% -10% 50.0V Y5P	C1 C2
CCKID0101NA-7	CC 100P0F +10% -10% 50.0V Y5P	C101 102 107 108 111 112 114 115 116 209
CCKID0470NA-9	CC 47PF +10% -10% 50.0V Y5P	C103 104 109 110 113 117 118
CCZID0104NA-2	CC 100N0F +80% -20% 50.0V F	C119 120 212 214 527
CEHGC01075E-5	CE 100U0F +20% 25.0V 6.3X11 85C P5MM	C206 208 213 309 310 405 406 526
H03-CEMIC0475AH-3	CE 4.7UF 50V M 5X11 SHL SAMYOUNG P5MM	C207
CEHIC01055E-6	CE 1UF +20% 50V D5XL11 P5MM 85C	C210
H03-CEMKC0106AH-9	CAP ELEC 10UF 100V M 6.3X11 SHL	C211 319 320 413 414
CEHIC01065E-4	CE 10U0F +20% 50.0V 85C P5MM 5X11	C301 302 401 402 429 518 519 521
CEMJC02275E-0	CAP ELEC 220UF 63V M 10X16 85C 120HZ ELITE P5MM	C303 304 305 306 421 422 423 424
CCKID0680NN-5	CC 68PF +10% -10% 50.0V 2B4	C307 308 403 404
CCKID0271NN-0	CC 270P0F +10% -10% 50.0V 2B4	C313 314 569 570
CCJIC0120NN-2	CAP CERAMIC 12PF 50V J CH TAP	C315 316 409 410
CCJIC0330NE-9	CAP CERAMIC 33PF 50V +/-5% NPO	C317 318 411 412
CFLJC0683NN-7	CPM 68N0F +5% 63.0V	C323 324 430 431
H03-CPKJC0104NN-2	CAP POLY NON METAL 0.1UF 63V K TAP PCMT365 75104	C325 326 327 328 417 418 419 420
CCKIC0222NA-1	CC 2N2F +10% -10% 50.0V Y5P	C329 330 425 426
CEHEC02275E-9	CE 220UF +20% 10.0V D6.3XL11 P5MM 85C	C331 332 407 408
CCMFD0472NN-6	CC 4N7F +20% -20% 16.0V Y5R	C333 434
CEMGC04775E-9	CE 470U0F +/-20% 25.0V 10X13 85C	C432
CCMFD0103NN-4	CC 10N0F +20% -20% 16.0V Y5S	C433 601 602
CFIOC0104NN-5	CPM 100N0F +10% 250.0V	C501 502 503
H03-CEMJA0129KB-8	CAP ELEC 12000uF 63V M 35x45 LSW123M1J045M	C504 505
CPIKC0473NN-0	CPF 47N0F +10% 100.0V	C506 507 508 516 528 529
CEHHC0228MN-A	CE 2M12F +20% 35.0V 85C ELITE	C509 510
CEHIA0228MN-4	CE 2M12F +20% 50.0V 85C ELITE	C517

MAIN BD		
Part Number	Description	Position No
H03-DS05GBUSCNB-5	DIODE PG05GBUSC	D1
H03-DR1N04004NA-7	D-SR 1N4004 400.0V 1.0A	D101 507 508 509
H03-DZMTZ12V0NB-6	D-ZENER MTZJ 12.0V 500MIOW	D204
H03-DG1N04148NB-A	D-SLP 1N4148 100.0V 150E-3A	D205 206 301 302 303 304 305 306 307 308 401 402 403 404 405 406 407 408 409 410 411 412
H03-DZMTZ05V1NB-3	DIODE ZENER MTZ J 5.1B 5.1V 500MW DO-34	D207
H03-DRBU10040BA-1	D-BRDLC BRIDGE BU10-04	D501
H03-DRW204F00BA-5	DIODE BRIDGE W2-04F FRONTIER	D502 505
H03-FURN2200663-8	FUSE 663 SERIES 0663 002. 250V 2.0A TIMELUG	F501 502 505 506
H03-ZNMSA4004SN-A	TERMLUG GND	G101 102
H03-ZMC11HS0400-6	AC HEATSINK DIODE 47X26X12 AVR630 -- ME	HS11
H03-ZMD11HS0400-2	HEATSINK REG. TR 68X20X50	HS12
H03-ICLM02068D2-5	IC-OPERAMP NJM2068M-TE1 DUAL SOP8	IC22
H03-ICLM07815BD-6	IC-REGPOSFXD KIA7815API NORMAL	IC51
H03-ICLM07915BD-4	IC-REGNEGFXD KIA7915API NORMAL TO-220AB	IC52
H03-ICKIA7824I2-2	IC-REGPOSFXD KIA7824API TO-220IS NORMAL	IC54
H03-ICKIA7812I2-8	IC-REGPOSFXD KIA7812API NORMAL	IC59
H03-LCNNNA050NA-7	LFA 1MM 10MM 5 LEFT 0.0MM NONE	L301 302 401 402
H03-WG02SB808AA-4	WIRECONASY UNIQUE 2P 80MM UL1007 PVC DISCRETE 26 BOTH	N801 802 803 804
H03-WS8262505EN-6	WIRE ASS'Y UL1533#26 250MM 2.0MM 8P WHT SHIELD	N805
H03-WS263905EN-0	WIRECONASY DL 2.0MM 15P 390MM UL1533 SHIELD 26 1	N806
H03-WG03SB821AA-0	WIRECONASY DL 2.0MM 3P 210MM UL1007 RIBBON 26 12 BOTH	N807
H03-WG05SB84000-7	WIRE ASS'Y UL1007#26STR 400MM 2.0MM 5P WHT	N808
H03-WG03SB82200-4	WIRE ASS'Y UL1007#26STR 220mm 2.0mm 3P WHT	N809
H03-SORA40RSCNN-5	JACK RCA 4P JB040131QN WH BU RD GY	NJ11
H03-SORA40RSANN-1	JACK RCA 4P JB040131ZN GN BN PP TA	NJ12
S00A18P8CNN-7	JACK-TELE SNAP-IN GOLDEN TELECOM GDL1-8P8C 8T BK 0 0	NJ13
H03-SOPA81900NN-3	CONN-SPE TERMINAL SPKR 8P SH081136JP FE 19MM 8 -- 0 0	NJ14
H03-WN02SD00000-2	CONN 2.5MM 2 MA ST NAT 5267-02A 0 0	P801 802 803 804 809
H03-WN07SB00001-4	CONN 2.0MM 7P GIL-S-7P-S2T2-EF	P806
H03-WN03SE00000-9	CON 3.96MM PITCH MOLEX 35313-0310	P807
H03-WN05SD100WH-6	CONN WAFER 2.5MM 5P 5267-05A WHT	P808
H03-WN19SB00000-1	CONN 2.0MM 19 MA ST NAT MOLEX 35336-1910 0 0	P811
H03-TRKTC3200NA-4	TR-SHPLF KTC3200BL N 100MIOA 120V	Q301 302 303 304 305 306 313 314 337 338 401 402 403 404 405 406 409 415 416 425
H03-TRKTC3198NA-9	TR-SLPLF KTC3198BL N 150MIOA	Q307 308 407 408 426 441 606 608
H03-TR2SA1145NA-8	TR-SLPLF 2SA1145Y TO-92MOD P -50MIOA -150V	Q309 310 411 412
H03-TRKTA1268NA-A	TR-SHPLF KTA1268BL P 100MIOA 120V	Q311 312 410 413 414
H03-TRKTA1360BE-5	TRANSISTOR PNP KTA1360 TO-126	Q319 320 421 422
H03-TRKTC3423BE-A	TRANSISTOR NPN KTC3423 TO-126	Q321 322 423 424
H03-TR2SD2560B0-2	TRANSISTOR NPN 2SD2560 MT-100	Q333 334 437 438
H03-TR2SB1647B0-6	TRANSISTOR PNP 2SB1647 MT-100	Q335 336 439 440
H03-TRKTA1024NA-2	TR-SLPLF KTA1024 Y P 50MIOA -150V	Q442
H03-TRKRC107MNA-4	TR-SLPSWA KRC107M N	Q443
H03-TRKTD1302NA-6	TR-SLPLF KTD1302 B N 300MIOA 20V	Q601
H03-TRKTA1266NA-6	TR-SLPLF KTA1266 Y P 150MIOA	Q605 607
RC3DI0471IN-0	RCF 470R0 OHM +5% 250MIOW	R101 102 105 106 109 110 113 114 315 316 593 594
RC3DI0104IN-5	RCF 100K0 OHM +5% 250MIOW	R207 214 216 217 218 219 220 309 310 479 480 602
RC3DI0273IN-4	RCF 27K0 OHM +5% 250MIOW	R209 498
RC3DI0102IN-9	RCF 1K0 OHM +5% 250MIOW	R211 601
RC3DI0101IN-0	RCF 100R0 OHM +5% 250MIOW	R213 215 221 609 614
RC3DI0513IN-A	RCF 51K0 OHM +5% 250MIOW	R223
RC3DI0274IN-2	RCF 270K0 OHM +5% 250MIOW	R224
RC3DI0333IN-1	RCF 33K0 OHM +5% 250MIOW	R225 305 306 403 404
RC3DI0331IN-5	RCF 330R0 OHM +5% 250MIOW	R301 302 401 402
RC3DI0100IN-2	RCF 10R0 OHM +5% 250MIOW	R303 304 388 389 473 474 477 478
RC3DI0433IN-8	RCF 43K0 OHM +5% 250MIOW	R307 308 415 416

MAIN BD		
Part Number	Description	Position No
RC3DI0152IN-5	RCF 1K5 OHM +5% 250MIOW	R311 312 313 314 380 381 386 387 405 406 407 408 481 483 488 490
RC3DI0221IN-1	RCF 220R0 OHM +5% 250MIOW	R317 318 319 320 409 410 411 412
RC3DI0271IN-8	RCF 270R0 OHM +5% 250MIOW	R321 322 413 414 497
RC3DI0561IN-A	RCF 560R0 OHM +5% 250MIOW	R323 324 325 326 329 330 333 334 335 336 337 338 421 422 423 424 425 426 427 428 429 430 431 432
RM1DI0333IN-4	RMF 33K0 OHM +1% 250MIOW	R327 328 417 418
RM1DI1651IN-7	RMF 1K65 OHM +1% 250MIOW	R331 332 419 420
RC3DI0223IN-8	RCF 22K0 OHM +5% 250MIOW	R341 342 343 344 390 391 437 438 439 440 486 492
RC3DI0750IN-7	RES FILM 75 OHM 1/4W 5%	R347 348 349 350 441 442 443 444
H03-RM3EG0180LN-2	RMOF 18R0 OHM +5% 500MIOW	R351 352 367 368 445 446 447 448
RC3DI033AIN-6	RCF 3R3 OHM +5% 250MIOW	R363 364 365 366 461 462 463 464
H03-RI3IC022BEN-3	RW 220MIO OHM +5% 5.0W 100PPM/C -100PPM/C	R378 379 471 472
RC3DI0393IN-5	RCF 39K0 OHM +5% 250MIOW	R382 383 484 487 491 493 501 502
RC3DI0153IN-3	RCF 15K0 OHM +5% 250MIOW	R384 385 482 489 503
RM3FC0100BN-7	RMOF 10R0 OHM +5% 1.0W	R392 393 475 476
RC3DI0103IN-7	RCF 10K0 OHM +5% 250MIOW	R485 516 605 606 608 610 611 613
RC3DI0822IN-8	RCF 8K2 OHM +5% 250MIOW	R494
H03-RM3GC033ACN-2	RESISTOR METAL OXIDE 3R3 OHM +5% 2.0W	R504 507 510
H03-RM3GC0100CN-2	RESISTOR METAL OXIDE 10R0 OHM +5% 2.0W	R505
H03-RM3GC022ACN-3	RESISTOR METAL OXIDE 2R2 OHM +5% 2.0W	R514
RC3DI0123IN-1	RCF 12K0 OHM +5% 250MIOW	R607 612
RC3DI022AIN-2	RCF 2R2 OHM +5% 250MIOW	R616
H03-WC1180175H1-1	WIRE ASS'Y 1P 175MM UL1015#18(TD) BLK	W301
H03-WG116S500BK-0	WIRE ASS'Y UL1007#16 500MM 1P BLK TERMINAL	W311
H03-WC1180905H1-0	WIRE ASS'Y WCL 1P 90MM UL1015#18(TD) BLK HOOK-UP 090-05-05	W401-2
RC3EA0682NN-1	RES. CARBON, 6.8K, 1/2W, +/-5%	
BIAS		
Part Number	Description	Position No
3SA-4120US-MAMI-1-3	FRONT L - BIAS BD AVR435US	
3SA-4120US-MAMI-1-3	FRONT R - BIAS BD AVR435US	
3SA-4120US-MAMI-1-3	SURROUND L - BIAS BD AVR435US	
3SA-4120US-MAMI-1-3	SURROUND - R BIAS BD AVR435US	
H03-RP3NA0101NN-5	POS 100R0 OHM 16.0V	PO71
H03-RP3NA0101HJ-4	THERMISTOR ASS'Y RP3NA-0101-NZ	PO72
H03-TRKTC3114NE-9	TRANSISTOR NPN KTC3114 TO-126	Q701
H03-TRKTC3114NE-9	TRANSISTOR NPN KTC3114 TO-126	Q702
H03-TRKTC3114NE-9	TRANSISTOR NPN KTC3114 TO-126	Q703
H03-TRKTC3114NE-9	TRANSISTOR NPN KTC3114 TO-126	Q704
RC3DI0282IN-3	RCF 2K8 OHM +5% 250MIOW	R701
RC3DI0821IN-A	RCF 820R0 OHM +5% 250MIOW	R702
RC3DI0821IN-A	RCF 820R0 OHM +5% 250MIOW	R705
RC3DI0282IN-3	RCF 2K8 OHM +5% 250MIOW	R707
RC3DI0821IN-A	RCF 820R0 OHM +5% 250MIOW	R708
RC3DI0821IN-A	RCF 820R0 OHM +5% 250MIOW	R709
RC3DI0282IN-3	RCF 2K8 OHM +5% 250MIOW	R710
RC3DI0282IN-3	RCF 2K8 OHM +5% 250MIOW	R711
RT6BA0201NB-A	PR 200R0 OHM +30% 100MIOW	VR71
RT6BA0201NB-A	PR 200R0 OHM +30% 100MIOW	VR72
RT6BA0201NB-A	PR 200R0 OHM +30% 100MIOW	VR73
RT6BA0201NB-A	PR 200R0 OHM +30% 100MIOW	VR74
SURROUND BD		
Part Number	Description	Position No
3SA-4120US-SRMI-1-A	IMA SURROUND BD AVR435US	
H03-CEMIC01065H-1	CAP ELEC 10UF 50V M 5X11 SHL P5MM	C101 203 303 503
CEMJC02275E-0	CAP ELEC 220UF 63V M 10X16 85C 120HZ ELITE P5MM	C201 202 301 302 501 502
CCKID0680NN-5	CC 68PF +10% -10% 50.0V 2B4	C204 304 504
CEHGC01075E-5	CE 100U0F +20% 25.0V 6.3X11 85C P5MM	C205 305 505

SURROUND BD		
Part Number	Description	Position No
CCKID0271NN-0	CC 270P0F +10% -10% 50.0V 2B4	C206 306 506
CCJIC0120NN-2	CAP CERAMIC 12PF 50V J CH TAP	C207 307 507
CEHEC02275E-9	CE 220UF +20% 10.0V D6.3XL11 P5MM 85C	C208 308 508
CCJIC0330NE-9	CAP CERAMIC 33PF 50V +5% NPO	C209 309 509
CPJJC0683NN-A	CAP POLY NON METAL 68NF 63V J TAP	C210 310 510
H03-CEMKC0106AH-9	CAP ELEC 10UF 100V M 6.3X11 SHL	C211 311 511
H03-CPKJJC0104NN-2	CAP POLY NON METAL 0.1UF 63V K TAP PCMT365 75104	C213 214 313 314 513 514
CCKIC0332NA-5	CC 3N3F +10% -10% 50.0V Y5P	C215 315 517
CCKIC0472NA-0	CC 4N7F +10% -10% 50.0V Y5P	C216 316 516
CPIKC0473NN-0	CPF 47N0F +10% 100.0V	C601 602 603
CEMFA02285E-5	CE 2200UF 16V M 12.5X20 P5MM	C604
CEMFA0828BK-0	CAP ELEC 8200UF 16V M 18X25 P7.5MM ELITE	C605
CEMFA0688BK-1	CAP ELEC 6800UF 16V M 16X25 85C 120HZ ELITE	C606
H03-DG1N04148NB-A	D-SLP 1N4148 100.0V 150E-3A	D101 201 202 203 204 301 302 303 304 501 502 503 504
H03-DRBU604F0NA-4	DIODE BRIDGE BU6-04F FRONTIER	D601
H03-FURN23A1563-5	FUSE 663 SERIES 3.15 250V 3.15A LT-5 TIMELUG	F601 602
H03-ZNMSA4004SN-A	TERMLUG GND	G101 102 103 105
H03-LCNNA050NA-7	LFA 1MM 10MM 5 LEFT 0.0MM NONE	L201 301 501
H03-WS6262605EN-1	WIRECONASY DL 2.0MM 6P 260MM UL1533 SHIELD 26 1	N401
H03-WN10SB0000-6	CONNECT 2.0MM 10P GIL-S-10P-S2T2-EF	N402
H03-WN03SD100WH-1	CONN WAFER 2.5MM 3P 5267-03A WHT	N403
H03-WG06SE81200-2	WIRE ASS'Y UL1007#16 120mm 3.96mm 6P RED	N404
H03-SOPA8SH0612-5	JACK SPEAKER 8P SH0612707P	NJ401
H03-WN02AD0000-5	CONNECT WAFER 2.5mm 2P 5268-02A WHT ANGLE	P201 301 501
H03-WH800012P36-6	PIN HEADER YFW-800-01 2.36PI	P405
H03-RP3NA0101HJ-4	THERMISTOR ASS'Y RP3NA-0101-NZ	PO10
H03-RP3NA0101NN-5	POS 100R0 OHM 16.0V	PO11
H03-TRKTA1268NA-A	TR-SHPLF KTA1268BL P 100MIOA 120V	Q101 206 306 506
H03-TRKTC3200NA-4	TR-SHPLF KTC3200BL N 100MIOA 120V	Q201 202 203 207 220 301 302 303 307 320 501 502 503 507 520
H03-TRKTC3198NA-9	TR-SLPLF KTC3198BL N 150MIOA	Q204 304 504
H03-TR2SA1145NA-8	TR-SLPLF 2SA1145Y TO-92MOD P -50MIOA -150V	Q205 305 505
H03-TRKTA1360BE-5	TRANSISTOR PNP KTA1360 TO-126	Q211 311 511
H03-TRKTC3423BE-A	TRANSISTOR NPN KTC3423 TO-126	Q212 312 512
H03-TRKTC3114NE-9	TRANSISTOR NPN KTC3114 TO-126	Q214 314 514
H03-TR2SD2560B0-2	TRANSISTOR NPN 2SD2560 MT-100	Q218 318 518
H03-TR2SB1647B0-6	TRANSISTOR PNP 2SB1647 MT-100	Q219 319 519
RC3DI0103IN-7	RCF 10K0 OHM +5% 250MIOW	R101
RC3DI0393IN-5	RCF 39K0 OHM +5% 250MIOW	R102 242 342 542
RC3DI0331IN-5	RCF 330R0 OHM +5% 250MIOW	R201 301 501
RM1DI0333IN-4	RMF 33K0 OHM +1% 250MIOW	R202 212 302 312 502 512
RC3DI0100IN-2	RCF 10R0 OHM +5% 250MIOW	R203 243 303 343 503 543
RC3DI0433IN-8	RCF 43K0 OHM +5% 250MIOW	R204 304 504
RC3DI0271IN-8	RCF 270R0 OHM +5% 250MIOW	R205 305 505
RC3DI0221IN-1	RCF 220R0 OHM +5% 250MIOW	R206 207 306 307 506 507
RC3DI0471IN-0	RCF 470R0 OHM +5% 250MIOW	R208 308 508
RC3DI0152IN-5	RCF 1K5 OHM +5% 250MIOW	R209 210 239 241 309 310 339 341 509 510 539 541
RC3DI0561IN-A	RCF 560R0 OHM +5% 250MIOW	R211 214 215 216 217 218 311 314 315 316 317 318 511 514 515 516 517 518
RM1DI1651IN-7	RMF 1K65 OHM +-1% 250MIOW	R213 313 513
RC3DI0223IN-8	RCF 22K0 OHM +5% 250MIOW	R220 221 244 320 321 344 520 521 544
RC3DI0750IN-7	RES FILM 75 OHM 1/4W 5%	R223 224 323 324 523 524
H03-RM3EG0180LN-2	RMOF 18R0 OHM +5% 500MIOW	R225 233 325 333 525 533
RC3DI033AIN-6	RCF 3R3 OHM +5% 250MIOW	R228 235 328 335 528 535
RC3DI0282IN-3	RCF 2K8 OHM +5% 250MIOW	R229 329 529
RC3DI0821IN-A	RCF 820R0 OHM +5% 250MIOW	R230 330 530
H03-RI3IC022BEN-3	RW 220MIO OHM +5% 5.0W 100PPM/C -100PPM/C	R238 338 538
RC3DI0153IN-3	RCF 15K0 OHM +5% 250MIOW	R240 340 540

SURROUND BD		
Part Number	Description	Position No
RM3FC0100BN-7	RMOF 10R0 OHM +5% 1.0W	R245 345 545
RC3DI0104IN-5	RCF 100K0 OHM +5% 250MIOW	R246 346 546
RT6BA0201NB-A	PR 200R0 OHM +30% 100MIOW	VR201
H03-RT7EA0201NB-1	PR 200R0 OHM +20% 500MIOW	VR301 501
H03-WC1201005C1-4	WIRE ASS'Y UL1007 #20 TS 100MM 1P BLK	
DSP BD		
Part Number	Description	Position No
3SA-4211EU-DGMI-1-A	IMA DSP BD AVR435EU	
CSEIE068ABB-4	CAP,CHIP FORM,6P8 +0.5P,50V 0603,C0G	C1
CZKII0102BC-7	CAP CHIP 1N0F +10% -10% 50.0V X7R 0603	C251 252 646
CZJII0101BE-2	CAP CHIP 100P0F +5% -5% 50.0V NPO 0603	C253 254 255 256 510 542 543
CZZFI0104BF-8	CAP CHIP 100N0F +80% -20% 16.0V Y5V 0603	C257 263 292 503 507 513 516 517 518 522 528 614 615 622 624 628 630 632 634 705 708 710 714 721 817 818 903 910 913 922 925 926 927 930 945 947 961 980 981 982 984 985 986 988 989 990 991 929 946 960 987
CEMFC01072E-8	CE 100UF 16V +/-20% 5X11 P2.5MM ELIET	C258 259 265 267 527 744 745
CZZFI0104BF-8	CAP CHIP 100N0F +80% -20% 16.0V Y5V 0603	C260 261 413 414 447 448 449 455 490 493 509 526 723 742 901 918 919 920 921 928 948 949 950 951 952 953 954 955 956 957 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 983 992 620
CEHFC01072S-9	CE 100UF +20% 16V D6.3XL7 P2.5MM 2000hours 85C	C264 508 515 623 821 822 904 912
CEHFC01062S-0	CE 10UF +20% 16V D4XL7 P2.5MM 2000hours 85C	C400 401 402 403 421 422 423 424 425 426 427 428 436 440 441 451 453 456 457 459 461 462 496 497 519 520 521 530 629 631 633 635 902
CCKIC0471NC-9	CAP CERAMIC 470PF 50V K X7R TAP	C411 431 432 433
CCKIC0561NC-8	CAP CERAMIC 560PF 50V K X7R TAP	C412 415 434 435 454 458 475 476 487 488 489 495
CCKIC0272NC-4	CAPACITOR CERAMIC 2N7F 50V K X7R TAP	C416 417 418 419 429 430 438 439 450 460 470 471 481 482 483 484
CZJII0470BE-4	CAP CHIP 47P0F +5% -5% 50.0V NPO 0603	C443 491 541 544
CZJII0470BE-4	CAP CHIP 47P0F +5% -5% 50.0V NPO 0603	C444 492
CZJII0101BE-2	CAP CHIP 100P0F +5% -5% 50.0V NPO 0603	C501 502 504 505 506 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816
CEHFC04762S-0	CE 47UF +20% 16V D5XL7 P2.5MM 2000hours 85C	C514
CEHIC01042S-5	CE 100NF +20% 50V SSE TYPE D4XL7 P2.5MM 85C	C525
H03-CEZXA0479MN-0	CM 47MIOF +80%-20% 5.5V 70C SCDA5R5473V	C557
CEHEC0477MN-A	CE 470UOF +20% 10.0V 6.3X11 85C ELITE P5MM	C601 959
CZKII0223CC-5	CAP CHIP 22NF 50V B K X7R 0805	C602
CZKII0103BC-5	CAP CHIP 10N0F +10% -10% 50.0V X7R 0603	C603 604 647 648 701 703 706 717
CZZII0104CF-8	CAP CHIP 100N0F +80% -20% 50.0V Y5V 0805	C619
CZJII0102CC-3	CAP CHIP 1nF 50V X7R J 0805	C621
CEHIC01055E-6	CE 1UF +20% 50V D5XL11 P5MM 85C	C625
CZZII0104CF-8	CAP CHIP 100N0F +80% -20% 50.0V Y5V 0805	C627
CZKII0103BC-5	CAP CHIP 10N0F +10% -10% 50.0V X7R 0603	C645
CZJII0220BE-5	CCCFMIC 22P0F +5% -5% 50.0V NPO 0603	C700 702 720 743
CEHDC0108NN-3	CE 1MIOF +20% 6.3V 8X11.5 85C ELITE P5MM	C823 824 825
CEHIC04755E-6	CE 4U7F +20% 50.0V 85C P5MM	C958
H03-DS1S50094NB-5	D-SLP 1SS355 35.0V 225MIOA	D501 502 506 508
H03-DS1S50094NB-5	D-SLP 1SS355 35.0V 225MIOA	D503 504 505 507 851
H03-FYACF333TNN-A	FILTER ACF451832-333-T	E901
H03-ICLM02068D2-5	IC-OPERAMP NJM2068M-TE1 DUAL SOP8	IC251 252 401 402 404 406
H03-ICD703033E1-0	IC-MICOM FLASH NEC UPD70F3033BGF 0228KK001 JAPAN QFP100	IC501

DSP BD		
Part Number	Description	Position No
H03-IC74HC4094D-1	IC CD74HC4094D(R-PDSO-G16) SOP16	IC502
H03-ICM24C04WD2-7	IC-EEPROM M24C04WMN6T	IC503
H03-IC74VC244G5-1	IC-LOGIC 74VHC244M M20B INVERTER CMOS	IC504
H03-IC74LV1G125-9	IC SN74LVC1G125DVB SOT23	IC505 506 607
H03-ICKA78R08I2-A	IC-KIA78R08API TO-220IS-4PIN	IC507
H03-ICCS42518E6-8	IC LOGIC CS42518CQ QFP64	IC606
H03-IC74LV1G125-9	IC SN74LVC1G125DVB SOT23	IC608
H03-ICSN74HCU04-6	IC SN74HCU04D	IC704 705
H03-ICPC17T10B1-8	IC PHOTOCOUPLER PC-17T1 DIP4 KODENSHI	IC851
H03-ICTMS320DA6-0	IC FLOATING-POINT DSP TMS320D610A POF208	IC901
H03-ICAT49BV162-8	IC FLASH MEMORY AT49BV162AT-70TI 48T	IC902
H03-ICK4S1616M6-4	IC-SDRAM K4S161622H-TC60 OR TC80	IC903
H03-ICM317T0252-1	IC 3-TERMINAL POS VOL REG NJM317DL1 TO-252	IC904
RS3AD0000NA-0	RES CHIP 0 OHM +0% 62MI5W 0603	JUM1 2 R601
H03-LAINB047ACR-9	LF 4U7H +10% 1.7 OHM 190.0A	L501
H03-FB2K52012NN-0	FBEAD SURFACE MT 2500OHM FCM2012H-252T02	L504 604 610 700 901 904 905
H03-FB3012012CN-8	FBEAD SURFACE MT FCM2012C-301T04 0805	L508
H03-FB3012012CN-8	FBEAD SURFACE MT FCM2012C-301T04 0805	L601 602 605 606 607
H03-LAINB047OCR-8	LF 47U0H +10% 5.8 OHM 500M0A	L702 703 704 705
RS3B0000NA-5	RES CHIP 0 OHM +5% 100MI0W 0805	L706
H03-FB2K52012NN-0	FBEAD SURFACE MT 2500OHM FCM2012H-252T02	L903
H03-WN19SB0000-1	CONN 2.0MM 19 MA ST NAT MOLEX 35336-1910 0 0	N407 801
H03-WG09SB81000-3	WIRECONASY DL 2.0MM 09P 100MM UL1007 RIBBON 26 1	N501
H03-WN27AI0000-A	CONNECT 1.25mm 27P GF120-27S-LS	N502
H03-WN11SB0000-3	CONN 2.0MM 11P MA ST NAT MOLEX 35336-1110 0 0	N503
H03-WN06AB00001-A	CNT PLUG BD'BD SOCKET 2.0mm 35237-0610 6P	N504
H03-WN09SB0000-5	CONNECT 2.0mm 9P GIL-S-9P-S2T2-EF	N506
H03-WN05SB0000-6	CONNECT 2.0mm 5P GIL-S-5P-S2T2-EF	N701
H03-WN19AB0000-4	CONN 2.0MM 19 MA R NAT SOCKET MOLEX 35237-1910 0 0	N802
H03-WG06SB82800-7	WIRE ASS'Y UL1007#26 STR 280MM 2.0MM 6P WHT	N803
H03-WG01S022018-5	WIRE ASS'Y UL1007#18 220MM 1P BLK TERMINAL	N805
H03-SOTOR179LBA-6	D-LEM TORX-179L	NJ701 702 703
H03-SOTOT179LBA-2	D-LEM TOTX-179L	NJ704
H03-SOJB04013HN-0	JACK RCA 4P OR ,OR, OR, OR JB040131HN	NJ705
H03-SORA40RSCNN-5	JACK RCA 4P JB040131QN WH BU RD GY	NJ801
H03-SORA40RSANN-1	JACK RCA 4P JB040131ZN GN BN PP TA	NJ802
H03-TRDTC114YNI-0	TR-SSD DTC114YKA N 10K0 OHM 47K0 OHM	Q501 502 503 504 505 506 507 508 509 510 602
H03-TRMPSA06NNA-A	TR-SLPLF MPSA06 N 500M0A TO-92	Q511
H03-TRDTC114YNI-0	TR-SSD DTC114YKA N 10K0 OHM 47K0 OHM	Q601
H03-TRKTA107MNA-2	TR-SLPSWA KRA107M P	Q851
RS3AD0151NA-1	RES CHIP 150R0 OHM +5% 62MI5W 0603	R132 251 252 253 256
RS3AD0103NA-1	RES CHIP 10K0 OHM +5% 62MI5W 0603	R254 255 259 260 501 502 519 520 533 551 552 559 969
RS3AD0103NA-1	RES CHIP 10K0 OHM +5% 62MI5W 0603	R257 258 523 535 536 561 923
RS3AD0203NA-8	RES CHIP 20K0 OHM +5% 62MI5W 0603	R261 264
RS3AD0432NA-4	RES CHIP 4K3 OHM +5% 62MI5W 0603	R262 400 401 402 403 411 412 444 452 459 460 474 475 476 477 478 479
RS3AD0512NA-6	RES CHIP 5K1 OHM +5% 62MI5W 0603	R263
RS3AD0104NA-A	RES CHIP 100K0 OHM +5% 62MI5W 0603	R265 266 414 415 448 449 480 491 492 499 556 702 706 724 730
RS3AD0101NA-5	RES CHIP 100R0 OHM +5% 62MI5W 0603	R267 268 630 632 645 981 984 985 986
RS3AD0122NA-8	RES CHIP 1K2 OHM +5% 62MI5W 0603	R405 416 417 418 419 425 426 429 430 431 445 446 483 484 485 486 609 612
RS3AD0562NA-2	RES CHIP 5K6 OHM +5% 62MI5W 0603	R406 427 428 432 433 434 435 438 443 450 453 458 481 482 487 488
RS3AD0561NA-4	RES CHIP 560R0 OHM +5% 62MI5W 0603	R439 440 447 454 456 457 489 490 703 704 709 726 743

DSP BD		
Part Number	Description	Position No
RS3AD0100NA-7	RES CHIP 10R0 OHM +5% 62MI5W 0603	R503 504 505 506 507 508 631 633 634
RS3AD0102NA-3	RES CHIP 1K0 OHM +5% 62MI5W 0603	R509 510 511 512 513 514 515 604 967 968 659
RS3AD0472NA-3	RES CHIP 4K7 OHM +5% 1/16W 0603	R516 517 557
RS3AD0472NA-3	RES CHIP 4K7 OHM +5% 1/16W 0603	R518 851
RC3DI010AIN-1	RCF 1R0 OHM +5% 250MIOW	R521
RS3AD0473NA-1	RES CHIP 47K0 OHM +5% 62MI5W 0603	R522 555 737 739 740
RS3AD0102NA-3	RES CHIP 1K0 OHM +5% 62MI5W 0603	R528 529 530 532 803 804 807 808 811 815 816
RS3AD0101NA-5	RES CHIP 100R0 OHM +5% 62MI5W 0603	R531 607 608 646 711 715 C709 711 722
RS3AD0471NA-5	RES CHIP 470R0 OHM +5% 62MI5W 0603	R541 542 543
RS3AD0221NA-6	RES CHIP 220R0 OHM +5% 62MI5W 0603	R544 629 524 525
RS3AD0222NA-4	RES CHIP 2K2 OHM +5% 62MI5W 0603	R553 554 725
RS3BB0332NA-2	RES,CHIP, 3.3K OHM 1/10W +/-5%, 0805	R644
RS3BB0200NA-8	RES,CHIP,20R 1/10W +/-5%,0805	R657
RS3AD027ANA-3	RES, CHIP, 2.7, 1/16W, +/-5%, 0603	R658
RS3AD0750NA-1	RES CHIP 75R0 OHM +5% 62MI5W 0603	R700 701 705 723
RS3AD0100NA-7	RES CHIP 10R0 OHM +5% 62MI5W 0603	R708
RS3AD0621NA-1	RES CHIP 620R0 OHM +5% 62MI5W 0603	R710
RS3AD0000NA-0	RES CHIP 0 OHM +0% 62MI5W 0603	R717 817 818 819 820 821 822 823 824 901 546 C716
RS3AD0473NA-1	RES CHIP 47K0 OHM +5% 62MI5W 0603	R727
RS3AD0222NA-4	RES CHIP 2K2 OHM +5% 62MI5W 0603	R736 738 741
RS3AD0223NA-2	RES CHIP 22K0 OHM +5% 62MI5W 0603	R801 802 805 806 809 813 814
RS3AD0682NA-3	RES CHIP 6K8 OHM +5% 62MI5W 0603	R810
RS3AD0332NA-8	RES CHIP 3K3 OHM +5% 62MI5W 0603	R812
RS3AD0471NA-5	RES CHIP 470R0 OHM +5% 62MI5W 0603	R852
RS3AD0392NA-1	RES CHIP 3K9 OHM +5% 62MI5W 0603	R853 915 921 922 924
RS3AD0182NA-1	RES CHIP,1.8K,1/16W,+5%,0603.	R913 914
RS3AD0182NA-1	RES CHIP,1.8K,1/16W,+5%,0603.	R916 917 918 919
RS3AD0392NA-1	RES CHIP 3K9 OHM +5% 62MI5W 0603	R920
RS3AD0270NA-4	RES,CHIP 27 OHM 1/16W +/-5% 0603	R982
RS3AD0470NA-7	RES CHIP 47R0 OHM +5% 62MI5W 0603	R983
H03-LF11030A2NA-A	TFPULSE TRANSFORMER 110UH FP-110 FERRIT MAGNET	T701
RN3AY0220NA-4	RES NETWORK RCA 22OHM 1/16W 5% CN34JT220	U902 903 904 905 907
RN3AY0220NA-4	RES NETWORK RCA 22OHM 1/16W 5% CN34JT220	U906 908 909 910
H03-OSCN120MOCU-1	CSTLS20MOX51-B0	Y500
H03-OSCEM24M5RU-5	VCXO 24M576 HZ +50 PPM -50 PPM 0 OHM 3.3V	Y600
H03-WC1201005C1-4	WIRE ASS'Y UL1007 #20 TS 100MM 1P BLK	
PROCESSOR BD		
Part Number	Description	Position No
3SA-4120US-POMI-1-1	IMA PROCESSOR BD AVR435US	
CZJII0101BE-2	CAP CHIP 100P0F +5% -5% 50.0V NPO 0603	C101 102 103 104 105 106 107 108 116 117 118 119 121 122 123 124 131 132 133 134 136 137 138 139 147 148 149 150 152 153 154 155 156 157 158 159 201 202 204 205 216 217 218 219 224 225 238 315 503 506 519 520 527 530 531 540 543 603 604 613 614 623 624 633 643 644
CEHIC01065E-4	CE 10U0F +20% 50.0V 85C P5MM 5X11	C109 110 113 114 125 126 127 128 141 143 144 146 206 207 212 213 220 221 226 227 230 231 232 233 301 302 303 304 508 510 511 515 517 518 521 522 528 529 534 535 601 602 611 612 617 618 621 622 627 628 631 632 637 638 641 642 647 648 651 652

PROCESSOR BD		
Part Number	Description	Position No
CEMGC04765E-0	CAP ELEC 47UF 25V 85C 5X11 P5MM	C111 112 129 130 142 145 214 215 228 229 234 235 236 237 305 306 313 314 501 502 504 505 507 509 514 516 523 524 525 526 536 537 538 539 541 542 609 610 619 620 629 630 639 640 649 650 653 654
CZZFI0104BF-8	CAP CHIP 100N0F +80% -20% 16.0V Y5V 0603	C120 135 151 160 203
CZJII0330BE-9	CAP CHIP 33P0F +5% -5% 50.0V NPO 0603	C208 209 222 223
CZJII0101BE-2	CAP CHIP 100P0F +5% -5% 50.0V NPO 0603	C210 211 316
CZKII0222BC-8	CAP CHIP 2N2F +10% -10% 50.0V X7R 0603	C512 513 634
CZEII0100BE-0	CAP CHIP 10P0F +0P5F -0P5F 50.0V NPO 0603	C532 533
CCKID0101NA-7	CC 100P0F +10% -10% 50.0V Y5P	C588 589 REWORK
CZJII0331BE-7	CAP CHIP 330P0F +5% -5% 50.0V NPO 0603	C605 606
CEHGC0337NN-0	CE 330UI0F +20% 25V 85C ELITE P5MM	C607 608
CZJII0330BE-9	CAP CHIP 33P0F +5% -5% 50.0V NPO 0603	C615 616 625 626 635 645 646
CZKII0222BC-8	CAP CHIP 2N2F +10% -10% 50.0V X7R 0603	C636
H03-DSUDZ09V1NB-2	D-ZENER UDZS 9.1B 9.1V 200M10W	D1 2
H03-DZMTZ09V1NB-6	D-ZENER MTZJ 9.1V 500M10W	D601 602 603 604
H03-ICLM02068D2-5	IC-OPERAMP NJM2068M-TE1 DUAL SOP8	IC101 102 103 201 202 203 301 503 504 505 506 508 602 603 604 605
H03-ICKIC9459D5-3	IC-LOWFREQ KIC9459F SOP24 TONE/VOL/BAL/MUTE	IC204 507
H03-ICTC9273NDA-6	IC-SWITCH TC9273F-004 SOP28 ANALOG SWITCH	IC303
H03-ICTC9273NDA-6	IC-SWITCH TC9273F-004 SOP28 ANALOG SWITCH	IC304
H03-ICKIC9163DA-2	IC-SWITCH KIC9163AF SOP28 ANALOG SWITCH	IC501
H03-ICKIC9162DA-0	IC-SWITCH KIC9162AF SOP28 ANALOG SWITCH	IC502 510
H03-ICLM09482DA-0	IC-LOWFREQ KIC9482F/TC9482F SOP28 TONE/VOL/BAL/MUTE	IC509
H03-ICNJM4556B2-2	IC OP AMP NJM4556AD DIP8	IC601
H03-ICBU4053BB4-2	IC BU4053BCF SOP16 ANALOG MPX/DEMPX	IC606
H03-SORA40GNDNN-2	JACK RCA 4P JB040131PN WWRR	NJ101 102 103 104 105
H03-WN03SB00000-1	CONNECT 2.0mm 3P GIL-S-3P-S2T2-EF	P101
H03-WN04SB00000-9	CONNECT 2.0mm 4P GIL-S-4P-S2T2-EF	P103 104 113
H03-WN19AB00000-4	CONN 2.0MM 19 MA R NAT SOCKET MOLEX 35237-1910 0 0	P106 107 109
H03-WN11AB00000-6	CONN 2.0MM 11 MA R NAT SOCKET MOLEX 35237-1110 0 0	P108
H03-WN06SB00000-3	CONNECT 2.0mm 6P GIL-S-6P-S2T2-EF	P110
H03-WN08SB00000-8	CONNECT 2.0mm 8P GIL-S-8P-S2T2-EF	P111
H03-WN15SB00000-2	CONNECT 2.0mm 15P GIL-S-15P-S2T2-EF	P112
H03-TRDTC114YNI-0	TR-SSD DTC114YKA N 10K0 OHM 47K0 OHM	Q1
H03-TRKTD1304ND-0	TR-SLPSWA KTD1304 N 20V 300M10A SOT-23	Q101 102 104 105 107 108 201 202 204 205 601 602 603 604 606 607 609 610 612 613
H03-TRDTA114YNI-4	TR-SSD DTA114YKA P 10K0 OHM 47K0 OHM	Q103 106 109 203 605 608 611 614 615 618
H03-TRKTD1304ND-0	TR-SLPSWA KTD1304 N 20V 300M10A SOT-23	Q616 617 621 622 624 625 627 628 630 631
H03-TRDTA114YNI-4	TR-SSD DTA114YKA P 10K0 OHM 47K0 OHM	Q620 623 626 629
RS3AD0102NA-3	RES CHIP 1K0 OHM +5% 62MI5W 0603	R101 102 107 108 121 122 127 128 141 142 147 148 161 162 165 166 169 170 203 204 211 212 223 224 247 248 249 322 323 329 330 331 503 504 505 509 510 511 543 544 545 560 561 562 569 570 571 631 632 643 644 649 650 659 660 665 666 679 680 687 688
RS3AD0104NA-A	RES CHIP 100K0 OHM +5% 62MI5W 0603	R103 104 109 110 115 116 123 124 129 131 132 136 143 144 151 152 153 154 163 164 167 168 171 172 207 208 227 228 233 234 241 242 303 304 305 306 518 524 528 531 535 536 537 538 548 549 554 555 603 604 609 610 625 626 629 630 641 642 647 648 657 658 663 664 677 678 689 690

PROCESSOR BD		
Part Number	Description	Position No
RS3AD0471NA-5	RES CHIP 470R0 OHM +5% 62MI5W 0603	R105 106 117 118 125 126 133 134 145 146 155 156 201 202 215 216 221 222 235 236 243 244 301 302 527 533 534 546 547 601 602 623 624 639 640 655 656 675 676
RS3AD0222NA-4	RES CHIP 2K2 OHM +5% 62MI5W 0603	R111 112 130 135 149 150 205 206
RS3AD0101NA-5	RES CHIP 100R0 OHM +5% 62MI5W 0603	R113 114 137 138 157 158 217 218 237 238 239 240 245 246 307 308 324 325 501 502 507 508 513 519 526 532 539 540 541 542 556 557 558 559 567 568 619 620 635 636 651 652 669 670 685 686
RS3AD0333NA-6	RES CHIP 33K0 OHM +5% 62MI5W 0603	R119 120 139 140 159 160 219 220 621 622 637 638 653 654 671 672 673 674 695 696 723 724 725 726 727 728
RS3AD0122NA-8	RES CHIP 1K2 OHM +5% 62MI5W 0603	R2 3
RS3AD0512NA-6	RES CHIP 5K1 OHM +5% 62MI5W 0603	R209 210 229 230
RS3AD0104NA-A	RES CHIP 100K0 OHM +5% 62MI5W 0603	R213 214 683 684
RS3AD0222NA-4	RES CHIP 2K2 OHM +5% 62MI5W 0603	R225 226 615 616 617 618 633 634 667 668 693 694 697 698 701 702 707 708 713 714 719 720
RS3AD0272NA-0	RES CHIP 2K7 OHM +5% 62MI5W 0603	R231 232
RS3AD0102NA-3	RES CHIP 1K0 OHM +5% 62MI5W 0603	R326 327 328
RS3AD0153NA-8	RES CHIP,15K 1/16W,+5%,0603.	R4
RS3AD0430NA-8	RES CHIP 43R0 OHM +5% 62MI5W 0603	R5 6
RS3AD0103NA-1	RES CHIP 10K0 OHM +5% 62MI5W 0603	R512 520 550 551
RS3AD0123NA-6	RES CHIP 12K0 OHM +5% 62MI5W 0603	R514 521
RS3AD0123NA-6	RES CHIP 12K0 OHM +5% 62MI5W 0603	R515 522
RS3AD0332NA-8	RES CHIP 3K3 OHM +5% 62MI5W 0603	R516 523
RS3AD0332NA-8	RES CHIP 3K3 OHM +5% 62MI5W 0603	R517 525
RS3AD0202NA-A	RES CHIP 2K0 OHM +5% 62MI5W 0603	R529 552 553
RS3AD0472NA-3	RES CHIP 4K7 OHM +5% 1/16W 0603	R530
RS3AD0911NA-3	RES CHIP 910 OHM +5% 62MI5W 0603	R605 606
RS3AD0242NA-9	RES CHIP 2K4 OHM +5% 62MI5W 0603	R607 608
RS3AD0221NA-6	RES CHIP 220R0 OHM +5% 62MI5W 0603	R611 612 613 614
RS3AD0152NA-A	RES CHIP 1K5 OHM +5% 62MI5W 0603	R627 628
RS3AD0562NA-2	RES CHIP 5K6 OHM +5% 62MI5W 0603	R645 646 661 681 682
RS3AD0912NA-1	RES CHIP 9K1 OHM +5% 62MI5W 0603	R662
RC3DI0331IN-5	RCF 330R0 OHM +5% 250MI0W	R691 692
RS3AD0362NA-A	RES CHIP 3K6 OHM +5% 62MI5W 0603	R699 700
RS3AD0221NA-6	RES CHIP 220R0 OHM +5% 62MI5W 0603	R7
RS3AD0474NA-A	RES CHIP 470K0 OHM +5% 62MI5W 0603	R703 709 715 721
RS3AD0183NA-A	RES CHIP 18K0 OHM +5% 62MI5W 0603	R704 710 716 722
RS3AD0202NA-A	RES CHIP 2K0 OHM +5% 62MI5W 0603	R705 706 711 717 718
RS3AD0242NA-9	RES CHIP 2K4 OHM +5% 62MI5W 0603	R712
RS3AD0511NA-8	RES CHIP 510R0 OHM +5% 62MI5W 0603	R730 731
VIDEO BD		
Part Number	Description	Position No
3SA-4120US-VDMI-1-7	IMA VIDEO BD AVR435US	
CEHEC02275E-9	CE 220UF +20% 10.0V D6.3XL11 P5MM 85C	C100 102 103 105 106 108 109 111 136 138 152 199 203 205 289 295
CZZFI0104BF-8	CAP CHIP 100N0F +80% -20% 16.0V Y5V 0603	C154 162 189 191 195 248 292 294 421 423
CEHFC0106NN-4	CE 10U0F +20% 16.0V 85C 5X11 ELITE P5MM	C101 104 107 110 116 121 122 137 204 206 213 299
CZJII0101BE-2	CAP CHIP 100P0F +5% -5% 50.0V NP0 0603	C112 113 114 118 119 120 124 125 126 155 156 157 158 159 160 178 180 412 413 414
CEHFC04765E-3	CE47UF +20% 16.0V D5XL11 P5MM 85C	C115 117 153 161
CZJII0220BE-5	CCCFMIC 22P0F +5% -5% 50.0V NP0 0603	C123

VIDEO BD		
Part Number	Description	Position No
CEHEC0477MN-A	CE 470U0F +20% 10.0V 6.3X11 85C ELITE P5MM	C130 131 132 133 134 135 188 190 420 422
CCJIC0390NE-2	CC 39P0F +5% -5% 50.0V NP0	C142 143 171 174
CPIIC0223NN-4	CPF 22N0F +10% 50.0V	C144
CEHFC01075E-1	CE 100UF +20% 16.0V D5XL11 P5MM 85C	C151 194 291 293
CZDII0100BE-8	CAP CHIP 10PF 50V CH D NP0 0603 +/-0.25P	C163
CEHIC01055E-6	CE 1UF +20% 50V D5XL11 P5MM 85C	C164 167 169 220
H03-CEMIC0334AH-A	CAP ELEC 0.33UF M 5X11 SHL 50V SAMYOUNG P5MM	C165
CPIIC0682NN-5	CPF 6N8F +10% 50.0V	C168
CZKII0561BC-8	CAP CHIP 560P0F +10% -10% 50.0V X7R 0603	C170
CEHEC01075E-8	CE 100U0F +20% 10.0V 5X11 85C P5MM	C172 186 196
CZKII0103BC-5	CAP CHIP 10N0F +10% -10% 50.0V X7R 0603	C173 181 187 197
CZJII0270BE-1	CAP CHIP 27P0F +5% -5% 50.0V NP0 0603	C175
CEHIC0474NN-9	CE 470N0F +20% 50.0V 85C 5X11 ELITE P5MM	C176
CSJIE0300BG-2	CAP,CHIP FORM 30P +/-5% 50V C0G 0603	C177
CCKIC0103NA-9	CC 10N0F +10% -10% 50.0V Y5P	C183
CEHIC02255E-7	CE 2U2F +20% 50V D5XL11 P5MM 85C	C184 201
H03-CEMIC01065H-1	CAP ELEC 10UF 50V M 5X11 SHL P5MM	C185 198
CZJII0331BE-7	CAP CHIP 330P0F +5% -5% 50.0V NP0 0603	C200
CCZID0104NA-2	CC 100N0F +80% -20% 50.0V F	C202
CCKID0101NA-7	CC 100P0F +10% -10% 50.0V Y5P	C222
H03-DS1S50094NB-5	D-SLP 1SS355 35.0V 225MIOA	D101 106 107 109 110
H03-DZMTZ09V1NB-6	D-ZENER MTZJ 9.1V 500MIOW	D108
H03-DS05GBUSCNB-5	DIODE PG05GBUSC	D120 121 122 123 124 125 126 127 128 129 1 2 3 4 5 6
H03-ICNJM2296D3-2	IC-LINEAR NJM2296	IC10 11 12
H03-ICMM1501XDL-5	IC-VIDEO SW MM1501XNRE SOT-26B REGISTERED NO.R59-4164	IC14 25 26
H03-ICKIA7806I2-4	IC KIA7806AP VOLTOAGE REGULATOR TO-220AB	IC18
H03-IC74HC4094D-1	IC CD74HC4094D(R-PDSO-G16) SOP16	IC19 20
H03-ICLC74763I4-7	IC OSD LC74763M-9602 SOP30	IC22
H03-ICMM1511XDL-3	IC-VIDEO SW MM1511XNRE SOT-26B REGISTERED NO.R59-4174	IC27
H03-ICTSH95IDB4-1	IC-VIDEOPROC TSH95ID VIDEO AMPLIFIER	IC30
H03-ICNJM2586MN-9	IC VIDEO AMP NJM2586M DMP24	IC40
H03-FB05B3580NN-7	BEAD AXIAL/TAP,HC3580 80.5ohm	L100 101 102 109
H03-LAINB0470CR-8	LF 47U0H +10% 5.8 OHM 500MIOA	L104 105 106 108 110
H03-LALNB056ACR-5	INDUCTOR COIL AL02TB5R6J 5.6UH 1.9OHM +5%	L107
H03-WG10S82200-9	WIRE ASS'Y UL1007#26STR 220mm 2.0mm 10P WHT	N601
H03-WG03S82200-4	WIRE ASS'Y UL1007#26STR 220mm 2.0mm 3P WHT	N602
H03-WN19AB0000-4	CONN 2.0MM 19 MA R NAT SOCKET MOLEX 35237-1910 0 0	N902
H03-SOR12BJ12NN-9	JACK RCA 12P BJ120154JN	NJ91
H03-SORA11Y00NN-0	JACK RCA+S VIDEO C5016031DN	NJ92 93 94 95 96 97 98
H03-WN15A100001-2	CONNECT GF120-15S-LS 1.25mm 15P	P601
H03-WN10AB0000-9	CONN 2.0MM GIL-S-10P-S2L2-EF 10P	P602
H03-WN06AB0000-6	CONNECT 2.0mm 6P GIL-S-6P-S2L2-EF	P603
H03-WN19SB0000-1	CONN 2.0MM 19 MA ST NAT MOLEX 35336-1910 0 0	P901
H03-TR2SC1740NW-4	TR-SLPLF 2SC1740S R N 150MIOA 50V	Q100 112 114 299
H03-TR2SA933ANW-8	TR-SLPLF 2SA933ASR P -3.0A -20V	Q101 104 111
H03-TRDTA114YNI-4	TR-SSD DTA114YKA P 10KO OHM 47KO OHM	Q102 103
H03-TRDTC114YNI-0	TR-SSD DTC114YKA N 10KO OHM 47KO OHM	Q105 106 113
H03-RM3FC033ABN-2	RESISTOR METAL OXIDE 3R3 1W 5%	R1
RS3AD0750NA-1	RES CHIP 75R0 OHM +5% 62MI5W 0603	R100 102 103 105 106 108 109 111 115 117 121 123 136 137 400 401 402 403 404 405 406 407 408 409 410 411
RS3AD0680NA-7	RES CHIP 68R0 OHM +5% 62MI5W 0603	R101 104 107 110 116 122 127 129 168 174 178
RS3AD0103NA-1	RES CHIP 10K0 OHM +5% 62MI5W 0603	R112 113 114 118 119 120 124 125 126 159 160 165 175 188 191 199 205 206 207 208 220 221 222 412 413 414
RS1AD0620NA-8	RES CHIP,62 OHM,1/16W,+/-1%,0603	R128

VIDEO BD		
Part Number	Description	Position No
RS3AD0102NA-3	RES CHIP 1K0 OHM +5% 62MI5W 0603	R130 131 132 133 134 135 148 149 161 162 163
RS3AD0123NA-6	RES CHIP 12K0 OHM +5% 62MI5W 0603	R146 147
RS3AD0121NA-A	RES CHIP 120R0 OHM +5% 62MI5W 0603	R150 154 156
RS3AD0682NA-3	RES CHIP 6K8 OHM +5% 62MI5W 0603	R151
RS3AD0152NA-A	RES CHIP 1K5 OHM +5% 62MI5W 0603	R152
RS3AD0105NA-8	RES CHIP 1M 1/16W +5% 0603	R153 155
RS3AD0333NA-6	RES CHIP 33K0 OHM +5% 62MI5W 0603	R166 172
RS3AD0222NA-4	RES CHIP 2K2 OHM +5% 62MI5W 0603	R167 173
RS3AD0822NA-2	RES CHIP 8K2 OHM +5% 62MI5W 0603	R169
RS3AD0200NA-3	RES CHIP 20 OHM 1/16W +/-5% 0603	R170
RS3AD0154NA-6	RES CHIP 150K0 OHM +5% 62MI5W 0603	R171
RS3AD0000NA-0	RES CHIP 0 OHM +0% 62MI5W 0603	R180 198 300 301 302 303 304 305 316 322
RS3AD0124NA-4	RES CHIP 120K0 OHM +5% 62MI5W 0603	R186
RS3AD0224NA-0	RES CHIP 220K0 OHM +5% 62MI5W 0603	R187
RS3AD0392NA-1	RES CHIP 3K9 OHM +5% 62MI5W 0603	R189
RS3AD0101NA-5	RES CHIP 100R0 OHM +5% 62MI5W 0603	R190
RS3AD0243NA-7	RES CHIP 24K0 OHM +5% 62MI5W 0603	R192
RS3AD0272NA-0	RES CHIP 2K7 OHM +5% 62MI5W 0603	R193
RS3AD0513NA-4	RES CHIP 51K0 OHM +5% 62MI5W 0603	R197
RS3AD0910NA-5	RES CHIP 910HM 1/16W 5% 0603	R200
RC3DI0471IN-0	RCF 470R0 OHM +5% 250M10W	R203 204
RS3AD027ANA-3	RES CHIP, 2.7, 1/16W, +/-5%, 0603	R217
RS3AD030ANA-9	RES CHIP 3 OHM 1/16W 5% 0603	R218 278
RS3AD036ANA-2	RES CHIP 3R6 OHM 1/16W 5% 0603	R219
RC3DI0152IN-5	RCF 1K5 OHM +5% 250M10W	R299
RS3AD043ANA-7	RESISTOR CHIP 4R3 OHM 1/16W 5% 0603	R315 317 321 323
RS3AD020ANA-2	RES CHIP 2 OHM 1/16W 5% 0603	R419 420 421
H03-OSXBE14M39S-3	CRYSTAL 14.31818MHZ HC-49/S WOOIN	Y100
H03-OSXBE17M79S-5	CRYSTAL 17.734475MHZ HC-49/S WOOIN	Y101
VIDEO/DIGI 4 FRONT INPUT		
Part Number	Description	Position No
3SA-4120US-FCMI-1-0	V4-DIG BD AVR435US	
CZJII0101BE-2	CAP CHIP 100P0F +5% -5% 50.0V NP0 0603	C400 401 403
CZZII0104CF-8	CAP CHIP 100N0F +80% -20% 50.0V Y5V 0805	C411
H03-DS1S50094NB-5	D-SLP 1SS355 35.0V 225M10A	D401 411 412
H03-WS4264822EN-A	WIRECONASY DL 2.0MM 04P 480MM UL1533 SHIELD 26 1 2/2	N220
H03-WS6265105EN-8	WIRECONASY DL 2.0MM 6P 510MM UL1533 SHIELD 26 1	N221
H03-SORA3313PNN-9	CON PHONO SCKT RCA-313P 3 PINS	NJ20
H03-SORA80SC5N8-8	JACK S-VIDEO 1P C40160261N	NJ21
H03-WN07AB00000-3	CONNECT 2.0MM 7P GIL-S-07P-S2L2-EF	P222
H03-TRDTC114YNI-0	TR-SSD DTC114YKA N 10K0 OHM 47K0 OHM	Q401
RS3AD0000NA-0	RES CHIP 0 OHM +0% 62MI5W 0603	R841 842 843 844
H03-RLTX25VNAIS-2	RELAY TX2-5V STANDARD PC BOARD TERMINAL	SK40
SUPPLY BD		
Part Number	Description	Position No
3SA-4211EU-SUMI-1-9	IMA SUPPLY BD AVR435EU	
CFMVA0104NN-2	CPPMX 100N0F +20% -20% P15MM	C100
CCMOC0472NF-9	CC 4N7F +20% -20% 250.0V Y5V	C101
CCKIC0103NA-9	CC 10N0F +10% -10% 50.0V Y5P	C102 103 104 108 109 110
CEMJC02275E-0	CAP ELEC 220UF 63V M 10X16 85C 120HZ ELITE P5MM	C105
H03-CEHIC0107AH-4	CE 100U0F +20% 50.0V 85C SHL P5MM	C106
CEMGC04775E-9	CE 470U0F +/-20% 25.0V 10X13 85C	C107
CEHIC01055E-6	CE 1UF +20% 50V D5XL11 P5MM 85C	C111 114
CEHIC01065E-4	CE 10U0F +20% 50.0V 85C P5MM 5X11	C112
CCZID0104NA-2	CC 100N0F +80% -20% 50.0V F	C113 115
H03-CEMH0227AH-9	CAP ELEC 220UF 35V M 8X11.5 SHL SAMYOUNG	C116
CEHGC0687NN-6	CE 680U0F +20% 25.0V 85C ELITE P5MM	C125
H03-CEMJA0828KA-A	CAP ELEC 8200UF 63V M 30X40 LSW822M1JP40M	C201 202

SUPPLY BD		
Part Number	Description	Position No
H03-CFHOA0104NN-9	CAP POLY METAL CPM 100NF 250V 20% TAE YANG	C203 204 205
H03-DG1N04148NB-A	D-SLP 1N4148 100.0V 150E-3A	D101 111
H03-DR1N04004NA-7	D-SR 1N4004 400.0V 1.0A	D102 103 105 106 107 108 109 110 112 113 115 117 118
H03-DZMTZ09V1NB-6	D-ZENER MTZJ 9.1V 500MIOW	D104
H03-DZMTZ05V1NB-3	DIODE ZENER MTZ J 5.1B 5.1V 500MW DO-34	D116
H03-DZMTZJ22BNB-3	DIODE ZENER MTZ J 22B 22V 0.5W DO-34	D119 120
H03-DRBU10040BA-1	D-BRDLC BRIDGE BU10-04	D201
H03-FUGF205A000-A	FUSE 50T 250V 5A 217 SERIES	F101
H03-SOPS1FEHDNN-4	TERMFUSEHLDR FUSE-HOLDER J4210020001X	FH11 12
H03-ZNMSA4004SN-A	TERMLUG GND	G101 103
H03-ZMC12HS0100-9	AC HEATSINK 17*15*30 AVR520 -- ME	HK11
H03-ICKIA7805I2-2	IC-REGPOFXD KIA7805API NORMAL TO-220IS	IC11 302 304
H03-ICKIA278R33-2	IC VOLTAGE REGULATOR KIA278R33PI TO-220IS-4	IC301
H03-ICKIA7905I2-0	IC-REGNEGFXD KIA7905PI NORMAL	IC303
H03-W5268505CN-6	CNT ASSY 2.0MM 5P 850MM SHIELD 26AWG UL1007	N301
H03-WG03SE8122A-8	WIRE ASS'Y UL1617#22 120mm 3.96mm 3P WHT	N304
H03-WG10SB81100-6	WIRE ASS'Y UL1007#26 STR 110mm 2.0mm 10P WHT	N311
H03-SO3P5179NNN-A	JACK PHONE 3.5PI PJ0435179N	NJ71
H03-SOTOR179LBA-6	D-LEM TORX-179L	NJ79
H03-SOXA27014NN-4	CON MAINS INLET A/C INLET 7014-NGP AC05-4S020A	NS19
H03-WN03SE00000-9	CON 3.96MM PITCH MOLEX 35313-0310	P301
H03-WN19AB00000-4	CONN 2.0MM 19 MA R NAT SOCKET MOLEX 35237-1910 0 0	P303
H03-WN19SB00000-1	CONN 2.0MM 19 MA ST NAT MOLEX 35336-1910 0 0	P304
H03-WN02SE00000-1	CON 3.96MM PITCH HEADER 2 POS MOLEX 35328-0210	P305 306
H03-WN05SD100WH-6	CONN WAFER 2.5MM 5P 5267-05A WHT	P307
H03-WN08SD00000-6	CONN 2.5MM 8 MA ST NAT 0 0	P308
H03-WN06SE00000-0	CONNECT 6P 3.96MM 35313-0610	P310
H03-TRMPSA06NNA-A	TR-SLPLF MPSA06 N 500MIOA TO-92	Q101 102
RC3DI0103IN-7	RCF 10K0 OHM +5% 250MIOW	R102 109
RC3DI0102IN-9	RCF 1K0 OHM +5% 250MIOW	R103 118
RC3DI0153IN-3	RCF 15K0 OHM +5% 250MIOW	R104
RC3DI0222IN-A	RCF 2K2 OHM +5% 250MIOW	R105
RC3DI010AIN-1	RCF 1R0 OHM +5% 250MIOW	R106 107
H03-RM3GC0330CN-1	RESISTOR METAL OXIDE 33 OHM +5% 2.0W	R108
RC3DI0104IN-5	RCF 100K0 OHM +5% 250MIOW	R110
RC3DI0562IN-8	RCF 5K6 OHM +5% 250MIOW	R111
RC3DI0272IN-6	RCF 2K7 OHM +5% 250MIOW	R112
RM3FC0100BN-7	RMOF 10R0 OHM +5% 1.0W	R113
H03-RM3FC047ABN-4	RESISTOR METAL OXIDE 4R7 1W 5%	R114
H03-ZMC12S17A00-6	AC PUN SHIELD DIGITAL ET	SH11
H03-RLL1227111K-7	RELAYPWR 12.0V 270.0OHM 10.0A	SK11
H03-TXPWMSD21A0-7	POWER TRANSFORMER AVR635EU SUB	TP11
H03-TXPWMD20B0-3	TRANS MN X'FORMER AVR435 230V	Main transformer
REG BD		
Part Number	Description	Position No
3SA-4120US-SUMI-1-5	REG BD AVR435US	
CCZID0104NA-2	CC 100NF +80% -20% 50.0V F	C301 303 305 308
CEHIC01065E-4	CE 10U0F +20% 50.0V 85C P5MM 5X11	C302 304 306 307
H03-DR1N04004NA-7	D-SR 1N4004 400.0V 1.0A	D301 302
H03-WN06SB00000-3	CONNECT 2.0mm 6P GIL-S-6P-S2T2-EF	P311
H03-WN03SB00000-1	CONNECT 2.0mm 3P GIL-S-3P-S2T2-EF	P312
H03-WN05SB00000-6	CONNECT 2.0mm 5P GIL-S-5P-S2T2-EF	P313
H03-RM3GC022ACN-3	RESISTOR METAL OXIDE 2R2 OHM +5% 2.0W	R301 302 303 304
H03-RM3GC047ACN-4	RESISTOR METAL OXIDE 4R7 +5% 2.0W	R305
RC3DI0103IN-7	RCF 10K0 OHM +5% 250MIOW	R306
H03-RM3GC033ACN-2	RESISTOR METAL OXIDE 3R3 OHM +5% 2.0W	R307 308
RC3DI0102IN-9	RCF 1K0 OHM +5% 250MIOW	R309

HEADPHONE BD		
Part Number	Description	Position No
3SA-4120US-FCMI-1-0	HP BD AVR435US	
CZZFI0104BF-8	CAP CHIP 100N0F +80% -20% 16.0V Y5V 0603	C1 4
H03-DS1S50094NB-5	D-SLP 1SS355 35.0V 225MIOA	D1 2
H03-LAINB047OCR-8	LF 47UOH +10% 5.8 OHM 500MIOA	L1
H03-WS4265913FN-0	CNT ASSY 2.0MM 4P 590MM SHIELD 26AWG UL2547 1/3	N240
H03-SOSS9CKX3NN-4	JACK PHONE 6.35 H70980110S 9P BK	NJ88
RC3DI022AIN-2	RCF 2R2 OHM +5% 250MIOW	R1 2
H03-ZMB01S02200-4	SPRING PLATE GND C5212 0.2T	S1
RS232 BD		
Part Number	Description	Position No
3SA-4120US-FCMI-1-0	RMT/RS232 BD AVR435US	
H03-FB3012012CN-8	FBEAD SURFACE MT FCM2012C-301T04 0805	BD11
CPIKC0473NN-0	CPF 47N0F +10% 100.0V	C601
H03-CEMIC0334AH-A	CAP ELEC 0.33UF M 5X11 SHL 50V SAMYOUNG P5MM	C602 603 604
RS3AD0000NA-0	RES CHIP 0 OHM +0% 62M5W 0603	C605
CZZFI0104BF-8	CAP CHIP 100N0F +80% -20% 16.0V Y5V 0603	C606 611 622
CEHFC01075E-1	CE 100UF +-20% 16.0V D5XL11 P5MM 85C	C610
RS3AD0000NA-0	RES CHIP 0 OHM +0% 62M5W 0603	C612
CEMIC01045E-1	CAP ELEC 0.1uF 50v M 5x11 SHL P5MM	C9
RS3AD0000NA-0	RES CHIP 0 OHM +0% 62M5W 0603	D602 603 604 605
H03-DS1S50094NB-5	D-SLP 1SS355 35.0V 225MIOA	D606 607 651 652 653
H03-ICMAX322316-7	IC RS-232 LINE DIRVER MAX3223CDWR SOIC16P	IC61
H03-ICPC17T10B1-8	IC PHOTOCOUPLER PC-17T1 DIP4 KODENSHI	IC651 652
H03-FB2K52012NN-0	FBEAD SURFACE MT 2500OHM FCM2012H-252T02	L600 601 602 603
SOPA96063NN-0	JACK D-SUB 9P 87204-6063 W/DUST COVER BK	NJ60
H03-SOJW2350SNN-5	JACK PHONE 3.6 EP-1401A 1P BK	NJ611 612 613 614
H03-WN09AB00000-8	CONNECT 2.0MM 9P GIL-S-09P-S2L2-EF	P260
H03-TRKTA107MNA-2	TR-SLPSWA KRA107M P	Q651 652
RS3AD0472NA-3	RES CHIP 4K7 OHM +5% 1/16W 0603	R600 601 602
RS3AD0471NA-5	RES CHIP 470R0 OHM +5% 62M5W 0603	R651
RS3AD0271NA-2	RES CHIP 270R0 OHM +5% 62M5W 0603	R652
RS3AD0473NA-1	RES CHIP 47K0 OHM +5% 62M5W 0603	R653 654
RS3AD0470NA-7	RES CHIP 47R0 OHM +5% 62M5W 0603	R655 656
RS3AD0392NA-1	RES CHIP 3K9 OHM +5% 62M5W 0603	R657
RC3DI0104IN-5	RCF 100K0 OHM +5% 250MIOW	R658
RC3DI0471IN-0	RCF 470R0 OHM +5% 250MIOW	R659
DIG/MIC BD		
Part Number	Description	Position No
3SA-4121US-SUST-1-9	DIG/MIC BD AVR435US	
CZZFI0104BF-8	CAP CHIP 100N0F +80% -20% 16.0V Y5V 0603	C701 702
CZJII0101BE-2	CAP CHIP 100P0F +5% -5% 50.0V NPO 0603	C703 704 705
RS3AD0101NA-5	RES CHIP 100R0 OHM +5% 62M5W 0603	C721
H03-DS1S50094NB-5	D-SLP 1SS355 35.0V 225MIOA	D701 702
H03-LS1502012NN-3	INDUCTOR COIL FCI2012-150K 15UH 0805	L700
H03-FB2K52012NN-0	FBEAD SURFACE MT 2500OHM FCM2012H-252T02	L701
H03-WN04SB00000-9	CONN 2.0MM 4 MA ST NAT GT201-4P-TS	N302
H03-SORA1JE01NN-6	JACK RCA 1P JE010003MN GND OR	NJ70
OUTLET		
Part Number	Description	Position No
3SA-4120US-SUMI-1-5	OUTLET BD AVR435US	
H03-FUGF23000XX-5	FUSE 239 SERIES 003 250V 3A	F201
H03-SOPS1FEHDNN-4	TERMFUSEHLDR FUSE-HOLDER J4210020001X	FH21 22
H03-SOPA21275BK-9	CONN-SPE AC OUTLET 2P 110V FE 12.75MM 2 BK 0 0 A204D0043P	NS21
H03-WN03SG00000-7	CONNECT WAFER 7.92MM 3P 35328-0310 WHT	P309

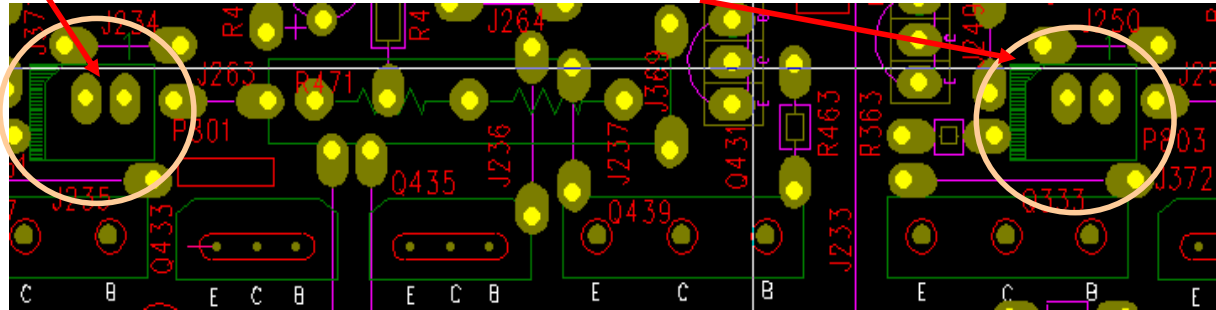
MECH		
Part Number	Description	Position No
H03-FBB0102AA00-2	FCORE FERRIT MAGNET SRH9. 9X20. 0X5. 3	
H03-FBD0480BR00-8	FCORE CLAMP FILTER LF80BR W5 SRH 16X28X9	
H03-SWA2B21PDA&-2	SW PUSH POWER SDDL15700 5A 250V	
H03-WF09SB81300-3	WIRE ASS'Y UL1007#26 STR 130MM 2.0MM 9P WHT	
H03-WF15S2605FU-6	WIRE FFC (CARD CABLE) DHCDF-15/260-P1.25-AT	
H03-WF27S2705FU-5	WIRE FFC (CARD CABLE)DHCDF-27/270-P1.25-AT	
H03-WF4261805BN-7	WIRECONASY DL 2.0MM 4P 180MM UL 1007 RIBBON 26 1	
H03-WG02SG8532A-4	WIRECONASY UNIQUE 2P 530MM UL1617 PVC DOUBLE INSULATED 20 1	
H03-ZMB01S00100-0	BKT HEADPHONE JACK	
H03-ZMB01S02200-4	SPRING PLATE GND C5212 0.2T	
H03-ZMC11HS0200-2	H/SINK MAIN AVR630	
H03-ZMC11S00200-6	AL DOOR AVR430/630	
H03-ZMC11S00300-8	AL PANEL AVR430/630	
H03-ZMC11S04B00-9	BKT FRAME GUIDE	
H03-ZMC11S06A00-9	SPRING STOPPER AVR430/630	
H03-ZMC11S07A00-A	CHASSIS FRONT AVR430/630	
H03-ZMC11S08A00-0	COVER TOP AVR430/630	
H03-ZMC11S09A00-1	BKT FAN FRONT AVR430/630	
H03-ZMC11S10A00-1	BKT FAN REAR AVR430/630	
H03-ZMC11S12A00-3	CAP BUTTON STAND-BY AVR430/630	
H03-ZMC11S13A00-4	CHASSIS MAIN AVR430/630	
H03-ZMC11S14A00-5	BRACKET DOOR	
H03-ZMC12S07A00-8	COVER BOTTOM	
H03-ZMC12S08B00-0	BKT TRANS BOTTOM	
H03-ZMC12S09A00-A	BKT HEATSINK	
H03-ZMC12S19A00-8	BKT AC INLET	
H03-ZMC12S20A00-8	BADGE AL HARMAN/KARDON SILVER	
H03-ZMD05S16A00-9	BKT HINGE AVR7300	
H03-ZMD11HS0100-7	HEATSINK H/SINK AMP AVR435	
H03-ZMD12S04B00-3	BKT FRAME GUIDE AVR635	
H03-ZMD20S02A00-0	PANEL REAR AVR435EU	
H03-ZMGEN00GAGY-6	AL LOGO BADGE TOP	
H03-ZPD0104GASG-3	BUTTON 7 KEY EU	
H03-ZPC1018GART-2	FILTER VFD	
H03-ZPD0315GAMW-9	VOLUMN KNOB	
H03-ZPD0316GASG-5	COVER KNOB	
H03-ZPD0317GACR-A	CAP KNOB VOLUMN	
H03-ZPD1119GABT-1	WINOW DISPLAY AVR435+BADGE NAME AVR435	
H03-ZUD0301AABK-5	SPONGE-UL 30X30X12T BK DPR2005	
H03-ZVC11DWT100-9	TAPE DOOR	
H03-ZVC11DWT200-0	TAPE PANEL	
H03-ZVC11FAN100-1	FAN JF0925S1L	
H03-ZVC11GEAR01-5	DAMPER GEAR DP120	
H03-ZVD01TUNE00-8	TUNER MODULE KST-MB114MW1-81 OEM EU	
ZFD122062SB-5	RUBBER TOP AVR635	
ZFD122072SB-2	RUBBER TOP AVR635	
ZFNR13830SB-6	RUBBER SIDE	
ZFNR19720SB-5	RUBBER FOOT 19.7X19.7X2T BK	
ZMC1221AA00-9	CLAMP WIRE-FIX UL 55212250	
ZMC12S13AYE-1	STANDOFF HEX M4X0.7 6X31.9H	
ZMC12S14AYE-9	STANDOFF HEX M4X0.7 6X61.9H	
ZMC12S15AYE-6	STANDOFF HEX M4X0.7 6X111.2H	
ZNSSM4045HZ-4	NUT M4 HEXAGON CIRCULAR EXTERNAL	
ZPC1002GAGY-9	DOOR AVR430/630	
ZPC1003GAGY-5	BUTTON POWER	
ZPC1005GAGY-8	BUTTON 8 KEY	
ZPC1006GAWH-0	BUTTON STANDBY	
ZPC1007GAMW-9	INDICATOR STAND-BY	
ZPC1017GABK-6	HOLDER VFD AVR430/630	
ZPC1103GAGY-A	FOOT 50MM 15.8MM	
ZPD1101GAGY-A	PANEL FRONT AVR435	
ZSMCM4008BY-1	SCREW BM 4X8	

MECH		
Part Number	Description	Position No
ZSMCM4010BB-5	SCREW BM 4X10	
ZSTBM3008BY-1	SCREW ST BH 3X8	
ZSTBM3010BB-5	SCREW ST BH 3X10	
ZSTBM3012BY-A	SCREW ST BH 3X12 PIVOT	
ZSTGM3010BB-3	SCREW ST BH 3X10 GROUND	
ZSTWM3006BB-3	SCREW ST WPH 3X6	
ZSTWM3008BY-8	SCREW ST WPH 3X8	
ZSTWM3A08BY-6	SCREW ST W7.5PH 3X8	
ZSTWM4008BC-3	SCREW ST WPH 4X8 SILVER CHROM	
ZTB017030AA-4	CABLE TIE 100MM NYLON 6	
ZUC1201AABK-7	SPONGE 30X30X10T BK	
ZV4P00030TH-3	HEAT SHRINK TUBE L30MM*D4.0MM*T0.5MM	
ZVC11FILM0A-A	PROTECTION FILM	
ZWF793008PO-5	WASHER FIBER 3 0.8T	
ZWM623108SZ-2	WASHER SPRING 3	
ZWM763109SZ-2	AC SPRING WASHER RT2250(PAV5005)	
ZWM803305PZ-1	WASHER PLAIN 3	
ZWMC04810PZ-5	WASHER PLAIN 4	
XY81204K4YW-5	GLUE, YELLOW, N.W=4.4KG #8120 @KG	
XY1N218M3SW-4	GLUE FURROW W=12MML=18.3M SS WHITE @ROLL	
XY501110CRD-2	GLUE, RED #AK-501 F/SCREW V=110CC @BOTTL	
XY2N450M0DW-6	GLUE, TAPE, #9070, W=24MM, L=50, DOUBLE-SIDE, WHITE. @METER	
XY1N055M0DW-7	GLUE TAPE, W=10MM L=55M DOUBLE-SIDE, WHITE, #3M9495LE. @M	
XYEM501K000-2	SPECIALTY LUBRICANTS GREASE, #EM-50L, W=1KG @G	
XY1N033M0DW-3	DOUBLE SIDE TAPE #Y-4615 (3M)	
XY0N618M3SW-A	GLUE FURROW W=6MM L=18.3M SS WHITE @ROLL	
XY1P202K000-1	WIRE, TIN, D=1.2MM N.W=2.0KG @KG	
H03-ZPC1219ZABK-8	SPEAKER TERBOARD SH08M790B0	
H03-FBD21130B00-3	CORE KCF-130-B	
H03-FBD2012157M-9	CORE K5B RC 12X15X7-MG	
PACKING		
Part Number	Description	Position No
BTA3A1511SF-0	BATTERY ALKALINE 1.5V AAA	
H03-ATALF039ABK-5	ANTENNA WIRE ANTENNA LOOP CT01-AM 0 0	
H03-MCD12TWBKNN-8	AVR635 MICROPHONE ASSY	
H03-RYC1202HA00-0	REMOCON ZONE 2	
H03-RYD2001HA00-A	REMOCON AVR435EU	
H03-WAD01200303-9	ANTENNA WIRE 75 OHM WIRE CT03-FM 00	
H03-WAD022000BK-8	WR002 H05VVF 0.75MMSQ 2G BLACK 2000MM	
H03-ZPD1212INBK-5	MICROPHONE ASSY EXTENSION PIECE	
ZBP00020350-4	POLYBAG BATTERY	
ZBP00122051-8	BAG PE 330 X245 T0.05	
ZBP00161851-1	BAG PE 160X180MM	
ZHC1201AAWH-A	FILM SHEET PE 920 X 1000 0.3-0.7T	
ZKC1113HA00-9	CARD WARRANTY	
ZKD2131HA00-3	LABEL MADE IN P.R.C AVR635EU AND AVR435EU	
ZKC1214HA00-A	LABEL SAFETY LEAFLET	
ZKC1263HA00-0	INSERT RS232 NOTE PAPER	
ZKC1270HA00-7	LABEL "PLEASE"	
ZKD1202HA00-4	CARTON BOX MIC	
ZKD1116HA00-0	QUICK SETUP GUIDE AVR435	
ZKD1263HA00-3	BROCHURE AVR US	
ZKD2001HA00-2	MANUAL AVR435EU	
ZKD2004HA00-1	BOX CARTON AVR435EU	
ZQD1201HAWH-A	CUSHION POLY EPS RIGHT AVR635	
ZQD1202HAWH-6	CUSHION POLY EPS LEFT AVR635	

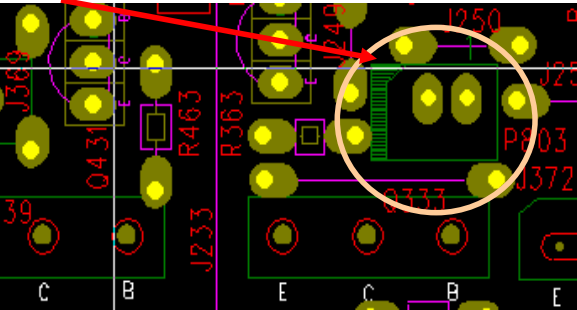
➡ Power is on and After 5 Minutes. Please, adjust Bias as below,

- | | | |
|---------------|-------------------------------------|-----------------|
| 1. MAIN B'D | Adjust | Measure at |
| ▶ Front Left | → use VR71 , set to 23mV +2mV/-1mV. | Test point P801 |
| ▶ Surr Left | → use VR73 , set to 23mV +2mV/-1mV. | Test point P803 |
| ▶ Front Right | → use VR72 , set to 23mV +2mV/-1mV. | Test point P802 |
| ▶ Surr Right | → use VR74 , set to 23mV +2mV/-1mV. | Test point P804 |

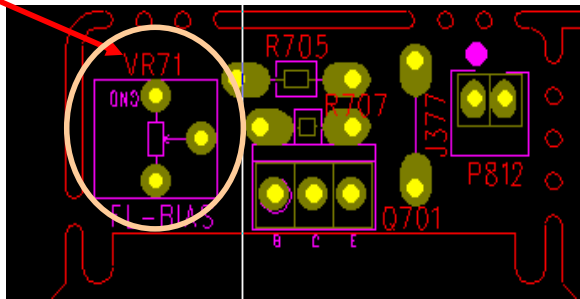
P801 FRONT L-CH



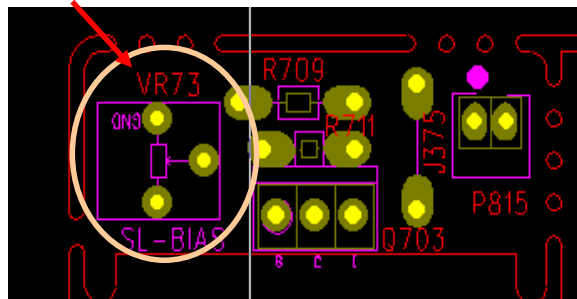
P803 SURROUND L-CH



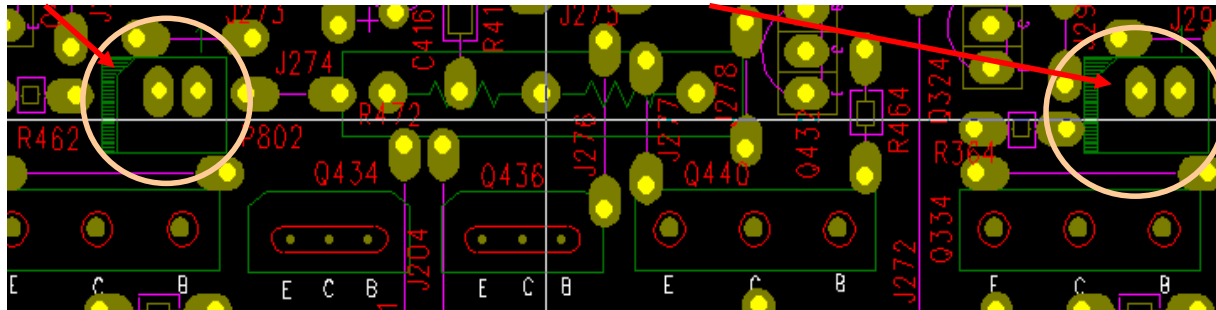
VR71 FRONT L-CH



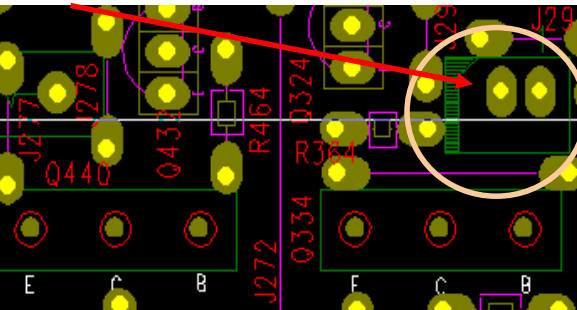
VR73 SURROUND L-CH



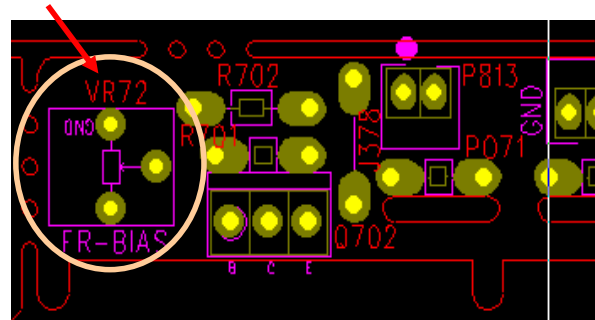
P802 FRONT R-CH



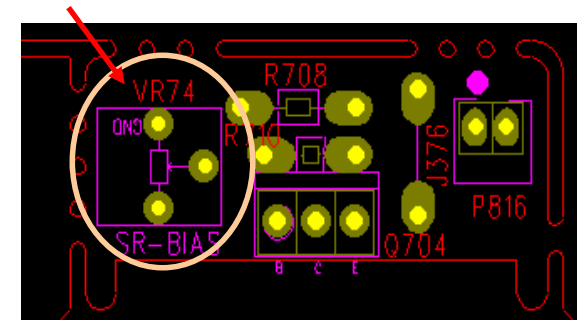
P804 SURROUND R-CH



VR72 FRONT R-CH



VR74 SURROUND R-CH



Power is on and After 5 Minutes. Please, adjust Bias as below,

2. BACK SURROUND B'D

- ▶ SBL
- ▶ Center
- ▶ SBR

Adjust

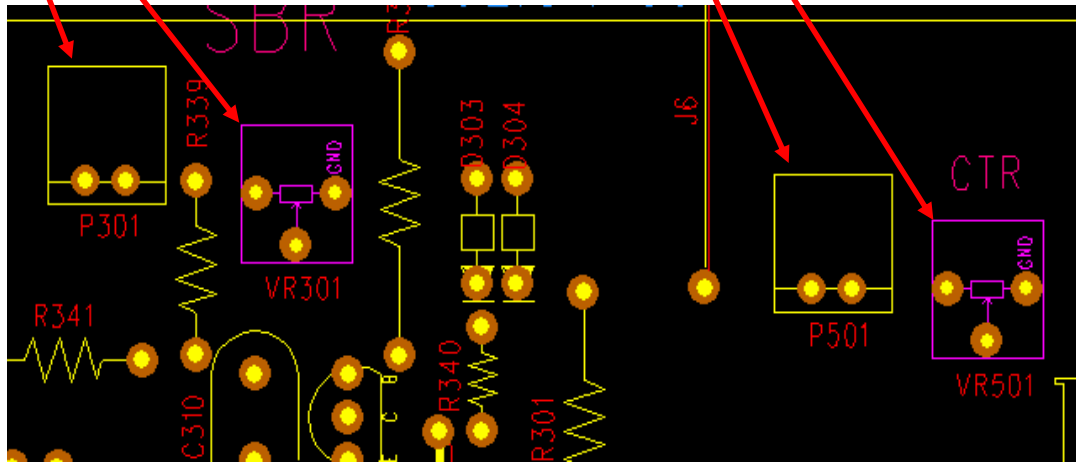
- use VR201 ,set to 23mV +2mV/-1mV.
- use VR501 ,set to 23mV +2mV/-1mV.
- use VR301, set to 25mV +2mV/-1mV.

Measure at

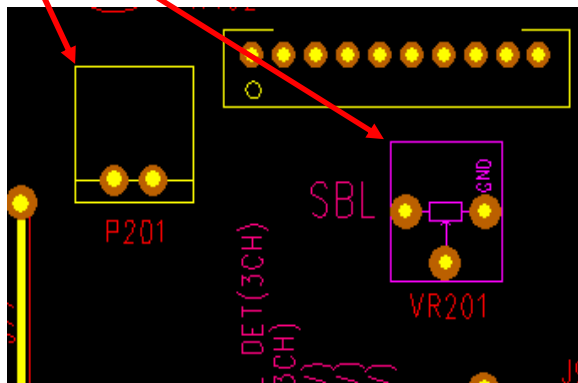
- Test Point 201
- Test Point 501
- Test Point 301

P301 VR301 BACK SURROUND R-CH

P501 VR501 CENTER-CH

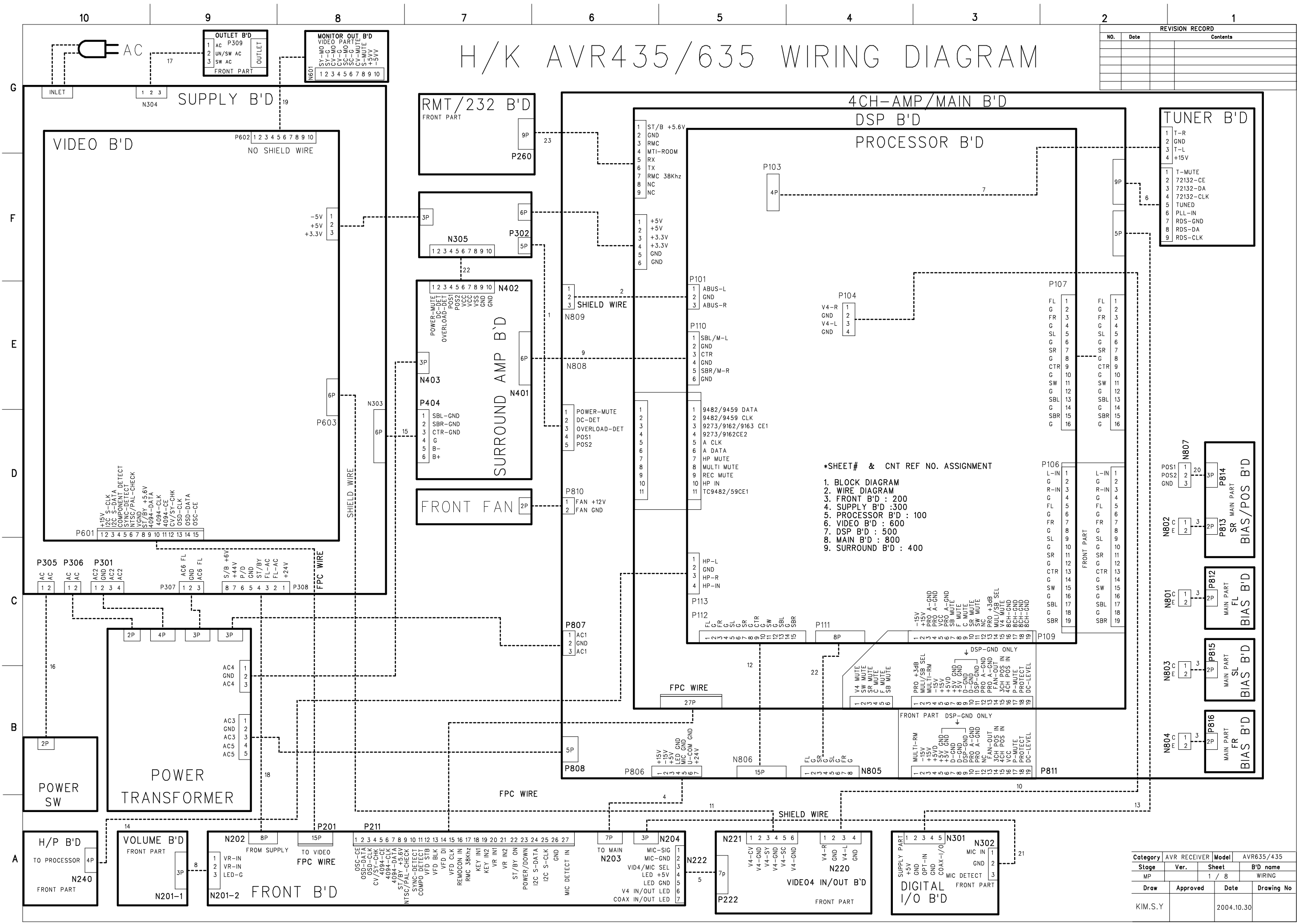


P201 VR201 BACK SURROUND L-CH

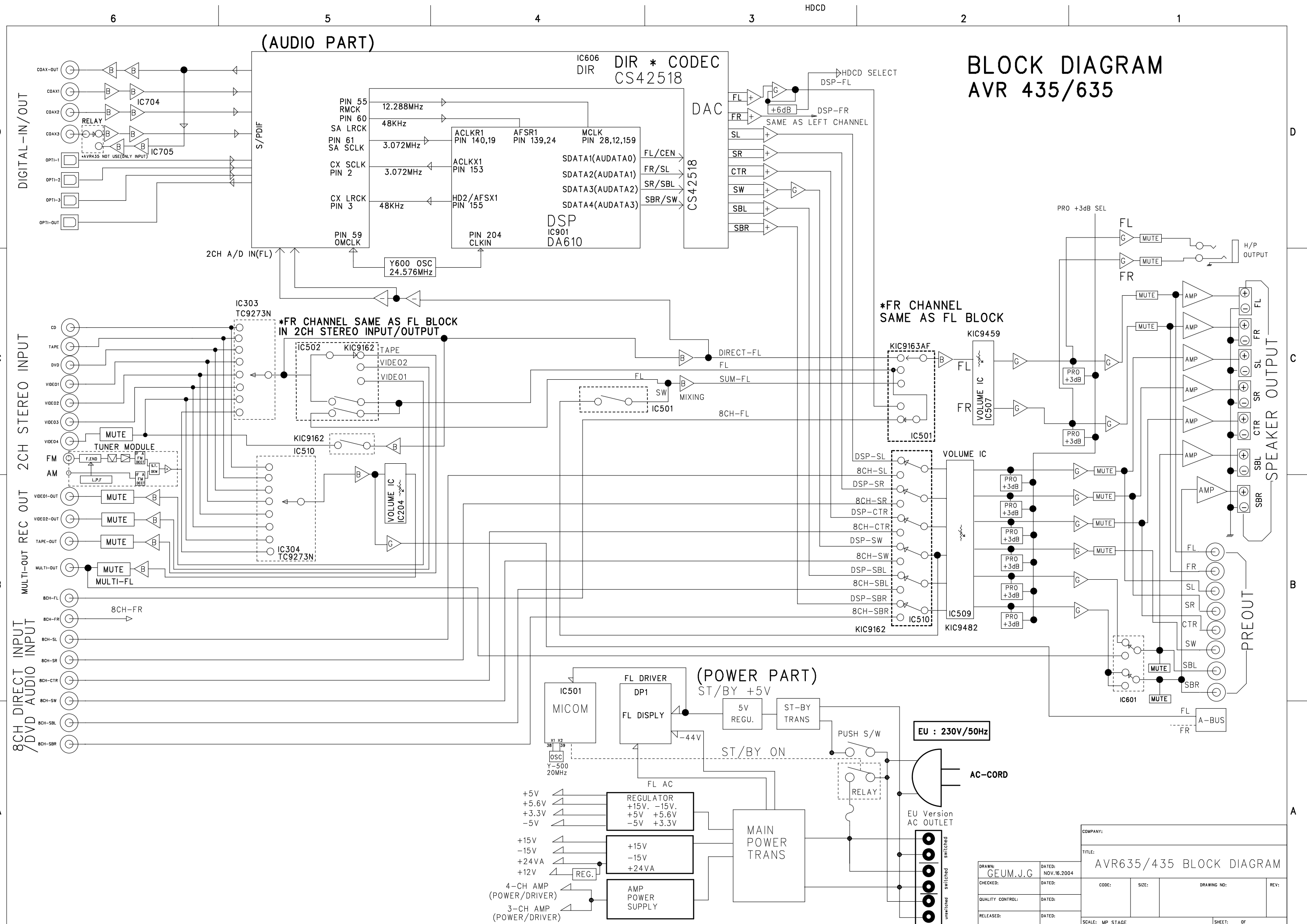


H/K AVR435/635 WIRING DIAGRAM

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NO.	Date	Contents



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MP		1 / 8	WIRING
Draw	Approved	Date	Drawing No
KIM.S.Y		2004.10.30	

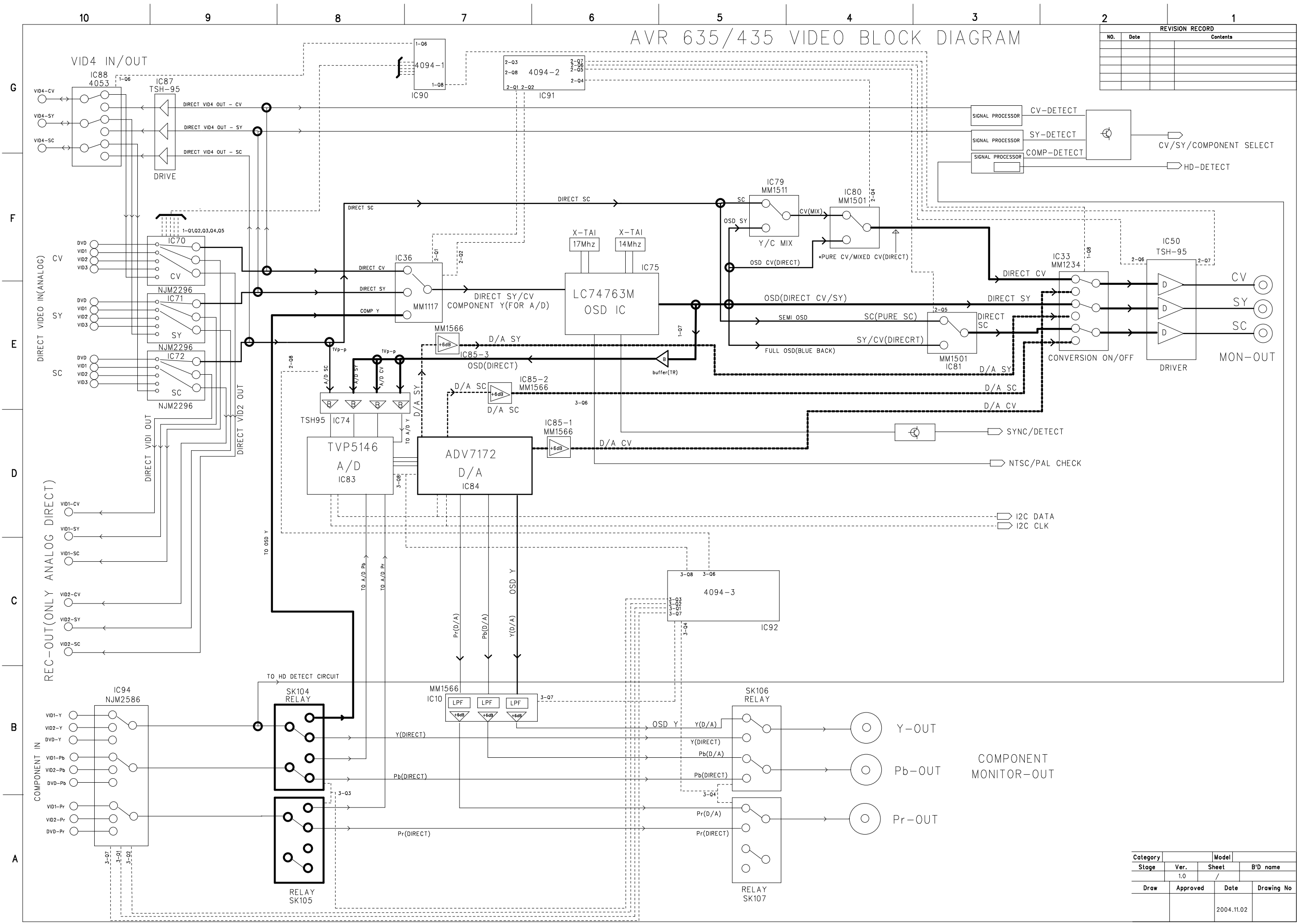


BLOCK DIAGRAM AVR 435/635

DRAWN: GEUM.J.G		DATED: NOV.16.2004	
CHECKED:		DATED:	
QUALITY CONTROL:		DATED:	
RELEASED:		DATED:	
COMPANY:		TITLE: AVR635/435 BLOCK DIAGRAM	
CODE:	SIZE:	DRAWING NO:	REV:
SCALE: MP STAGE		SHEET: OF	

AVR 635/435 VIDEO BLOCK DIAGRAM

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	1.0	/	
Draw	Approved	Date	Drawing No
		2004.11.02	

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8

7

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5

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3

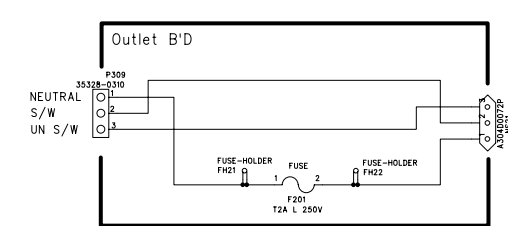
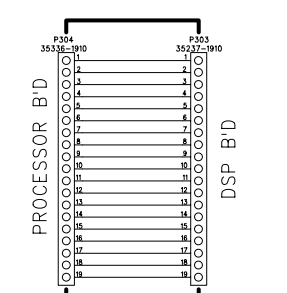
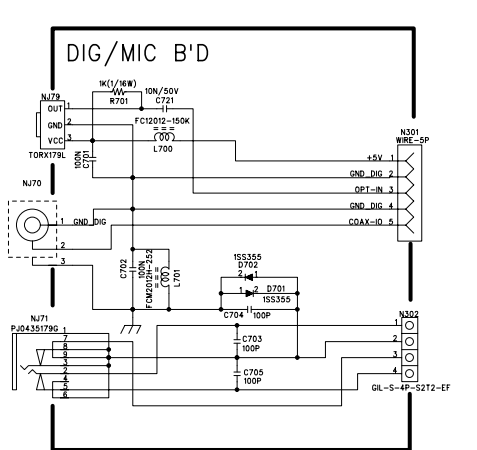
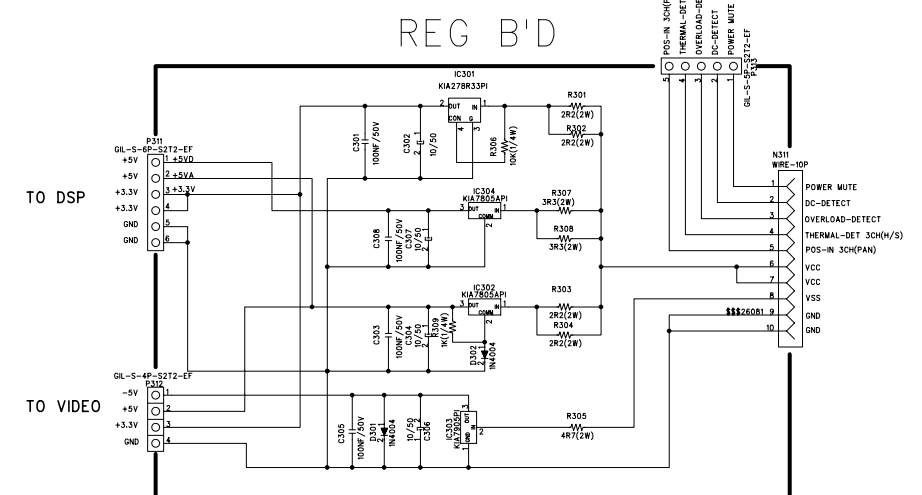
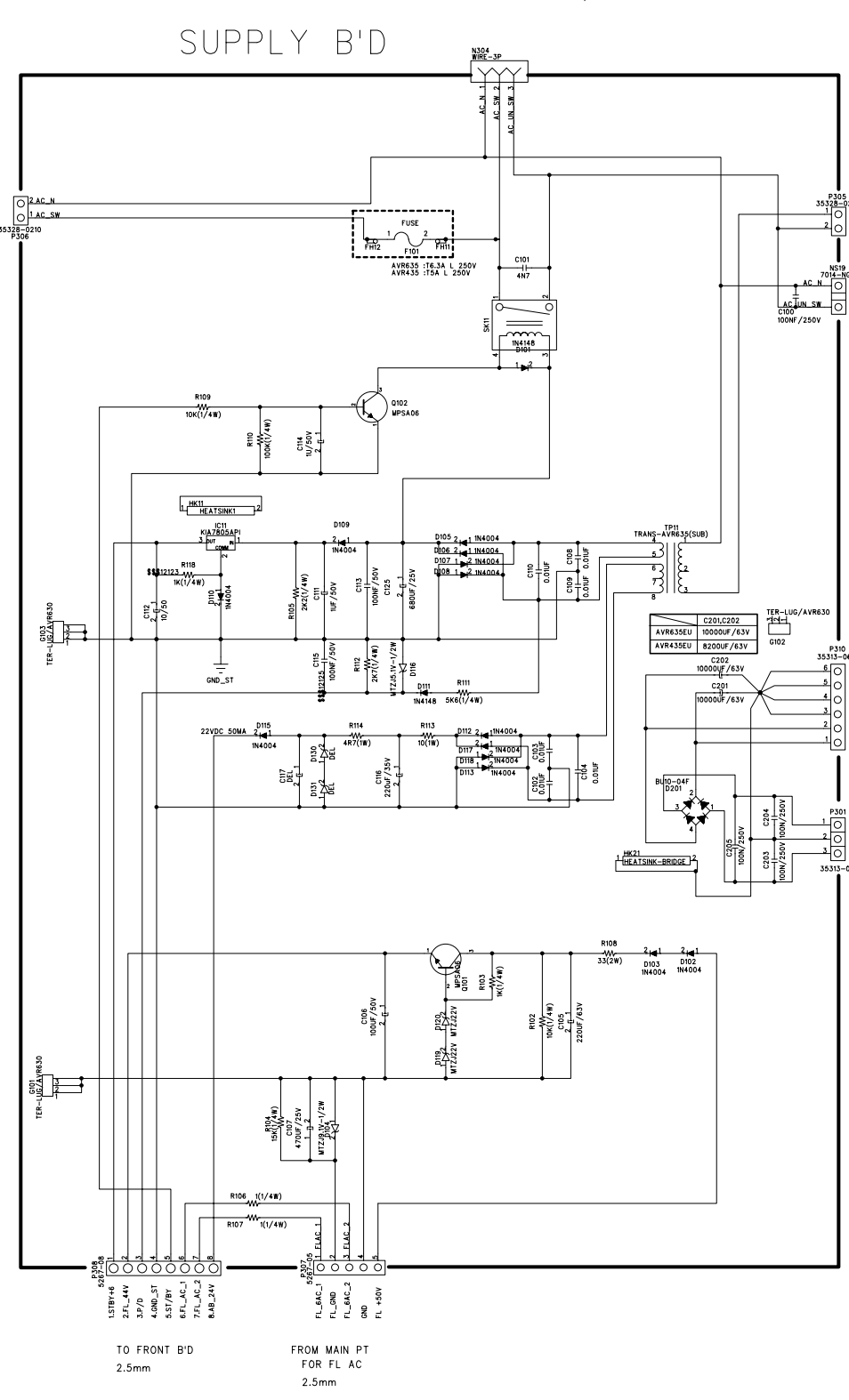
2

1

AVR 635/435 EU SUPPLY & REG SCHEMATIC DIAGRAM

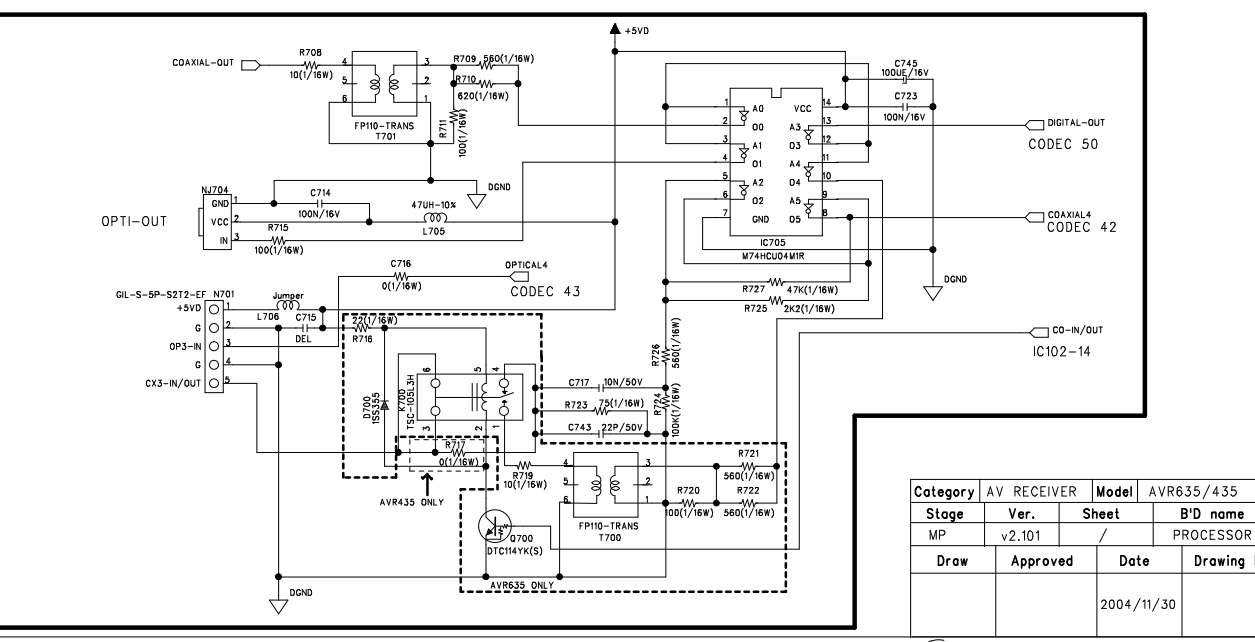
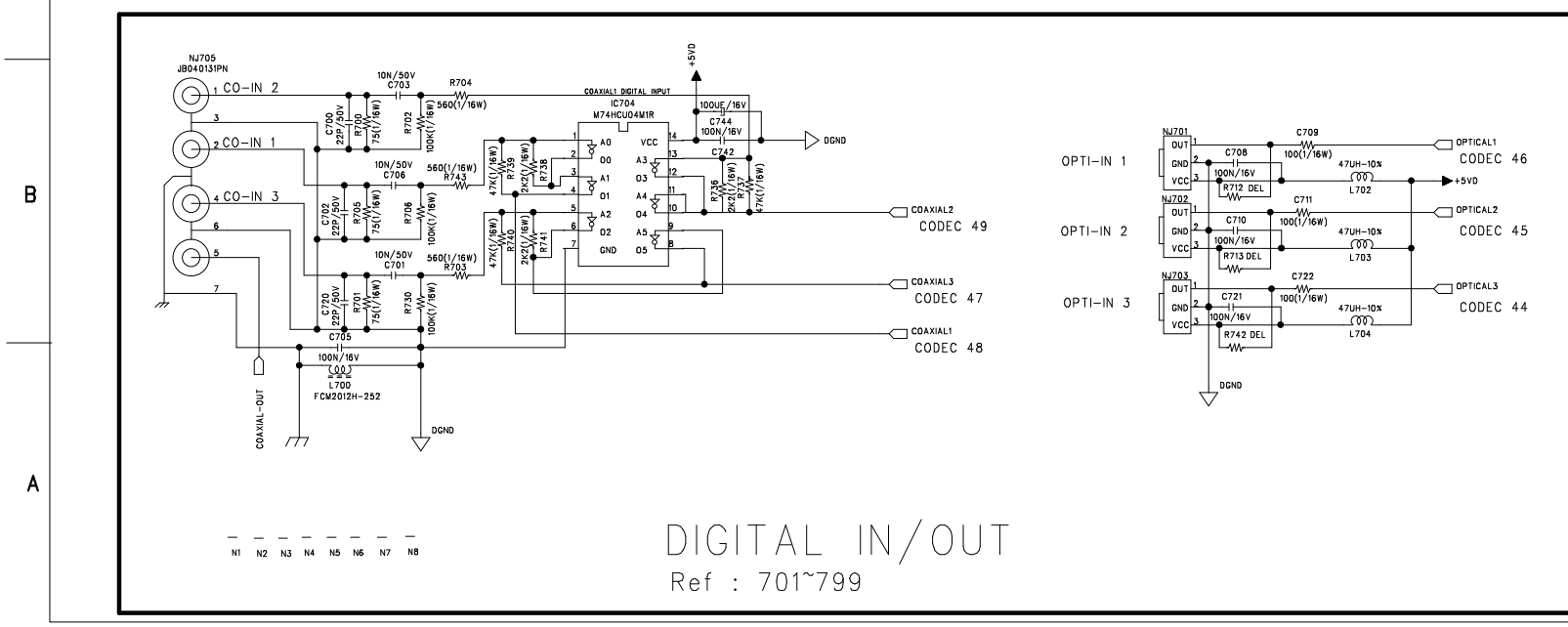
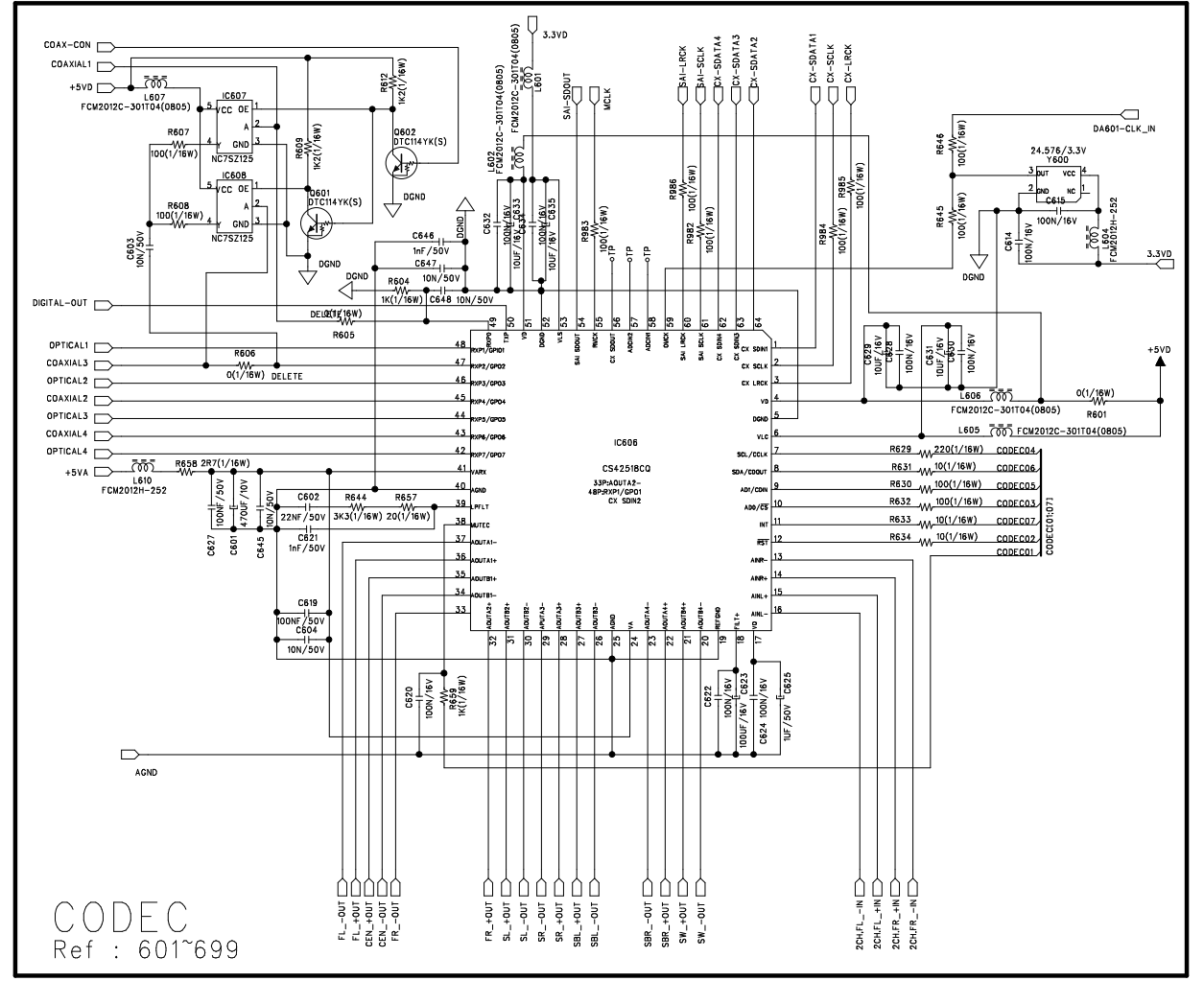
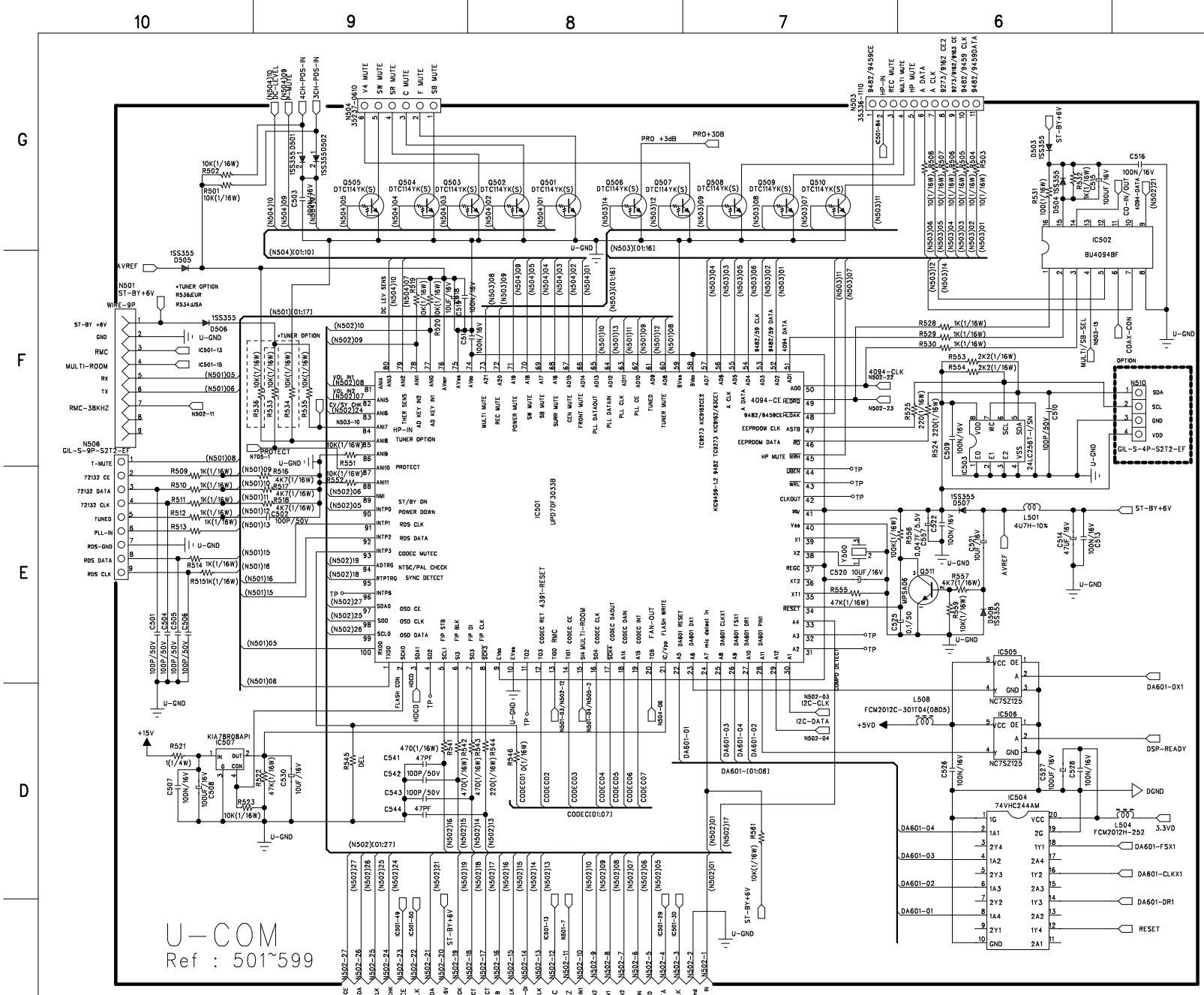
REVISION RECORD		
No.	Date	Contents

G
F
E
D
C
B
A



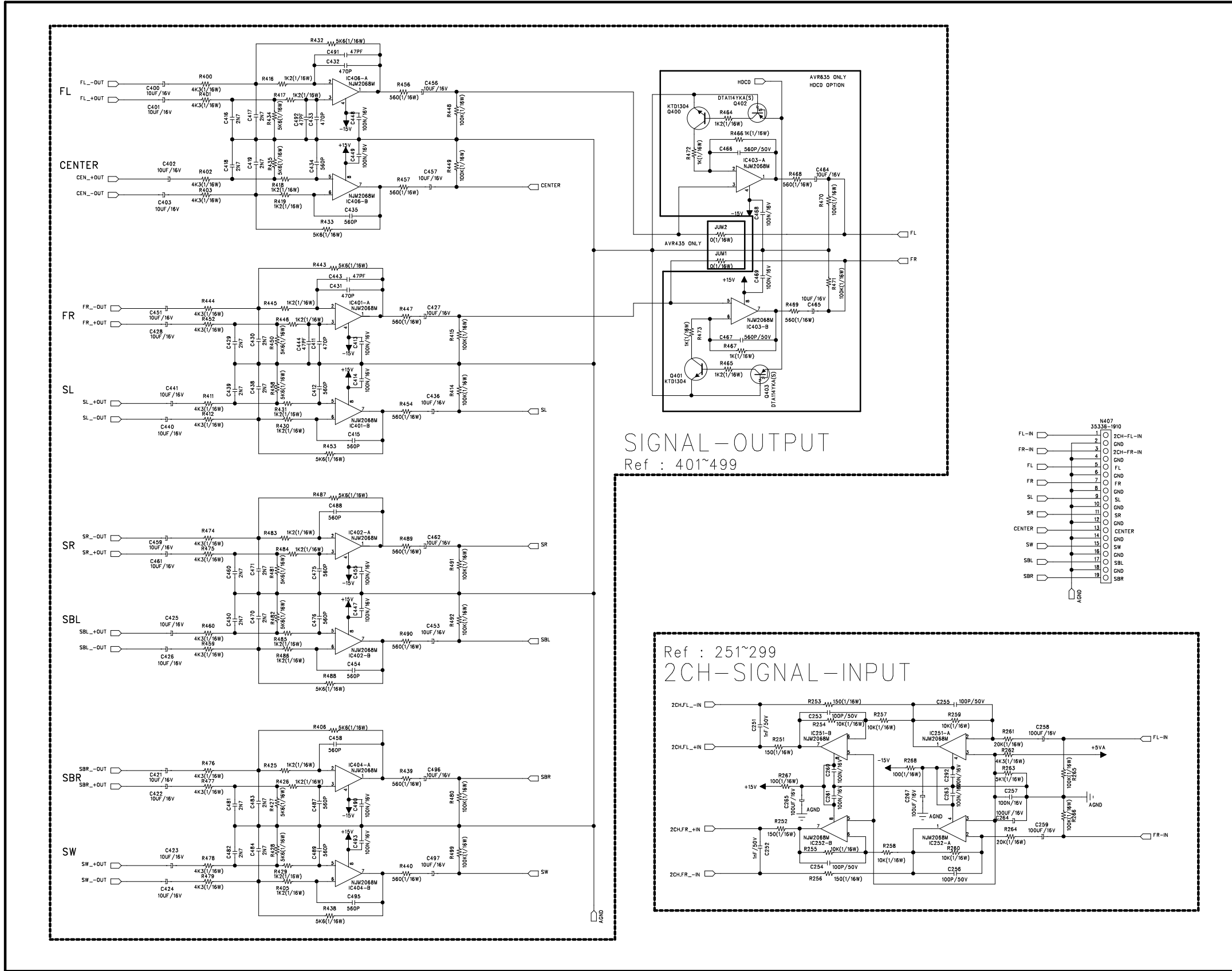
Category	A/V RECEIVER	Model	AVR635/435
Stage	Ver.	Sheet	B'D name
MP	v0.0	/	SUPP/REGU
Draw	Approved	Date	Drawing No
S.Y .KIM		11/JAN/05	

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G

F

E

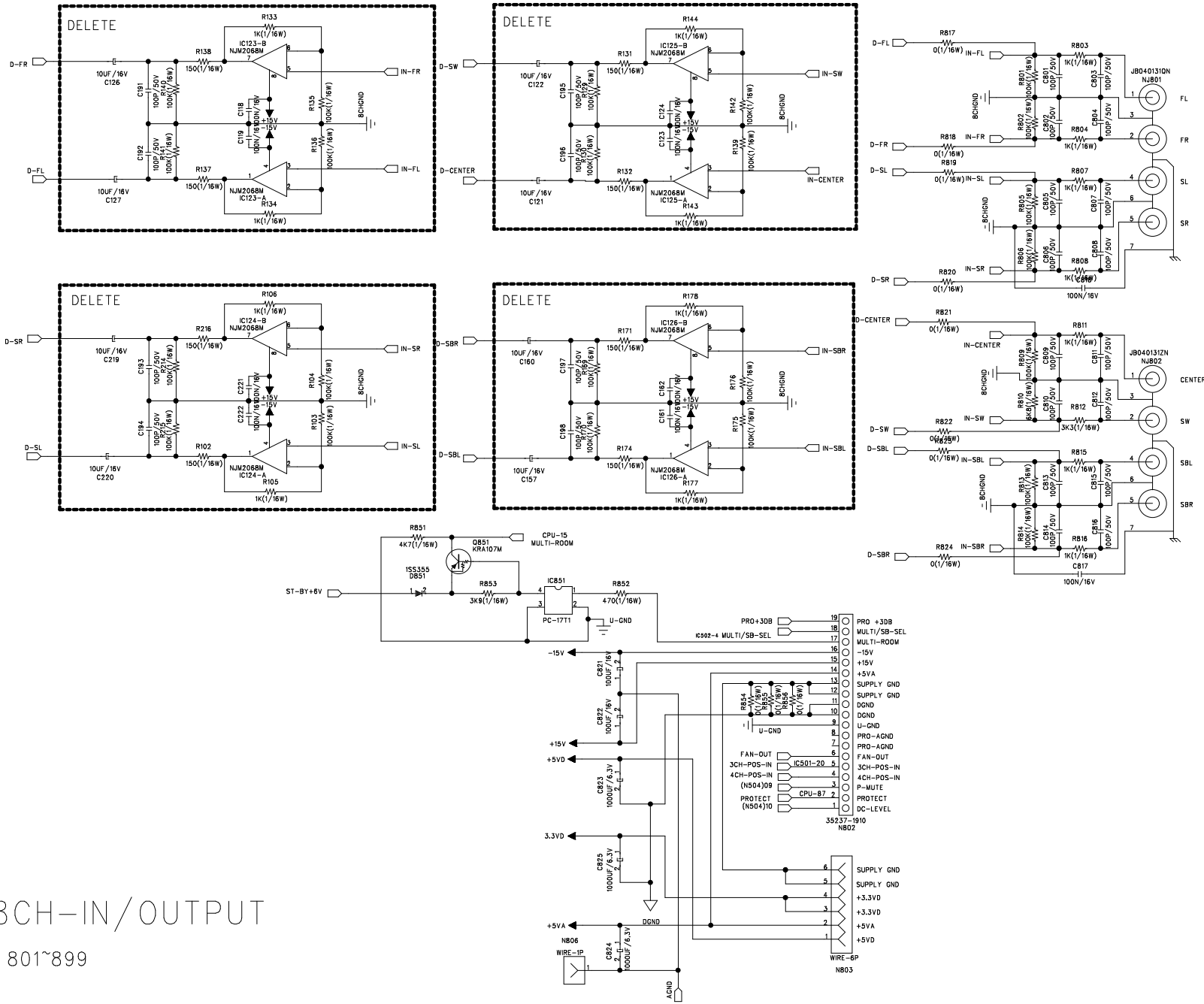
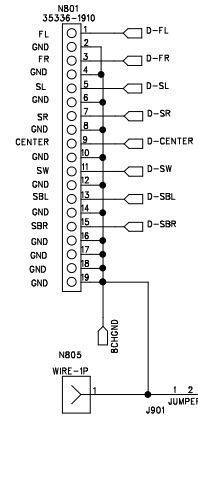
D

C

B

A

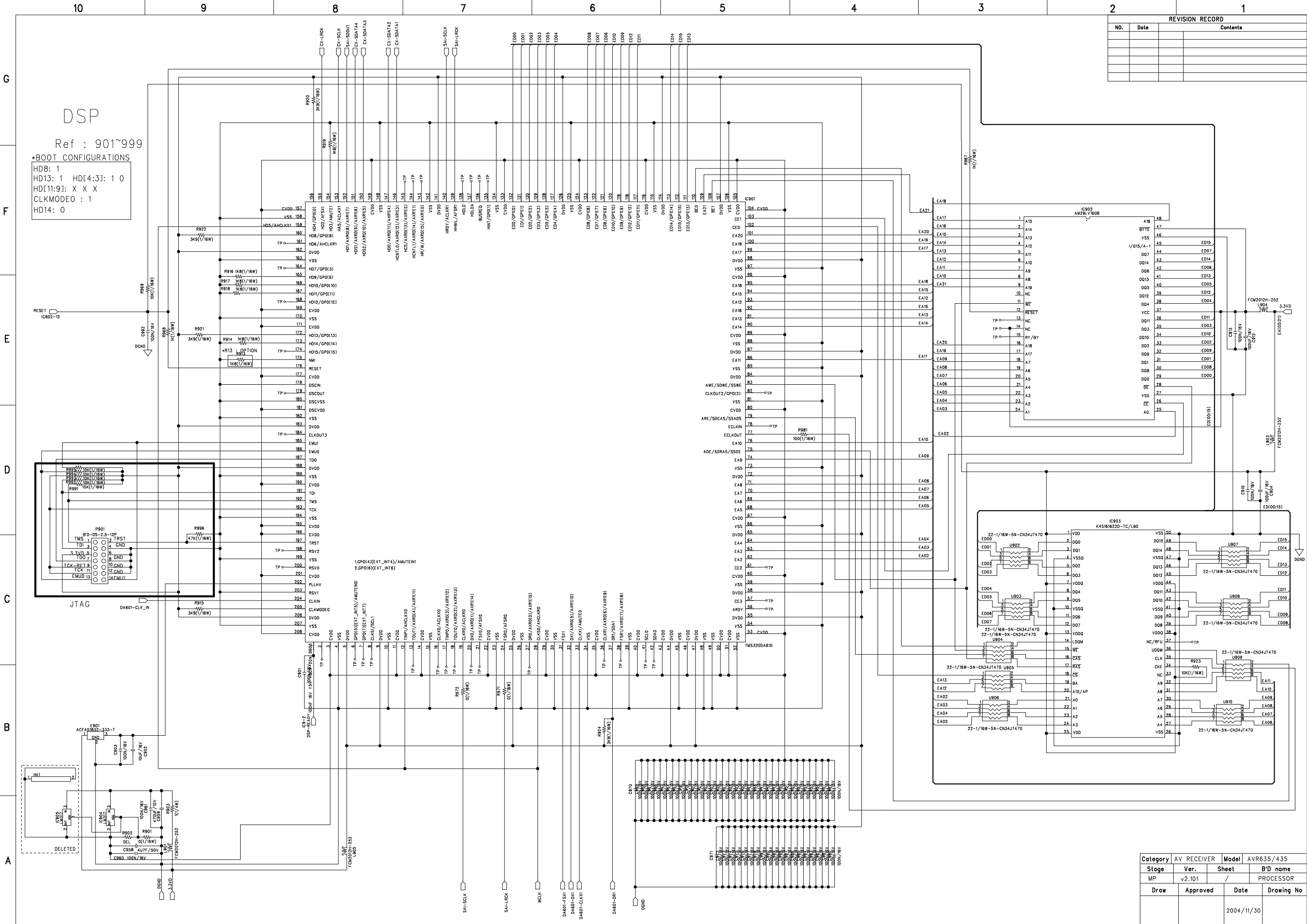
8ch-D



POWER/GND/8CH-IN/OUTPUT
 Ref : 101~251 Ref : 801~899

Category	AV RECEIVER	Model	AVR635/435
Stage	Ver.	Sheet	B'D name
MP	v2.101	/	PROCESSOR
Draw	Approved	Date	Drawing No
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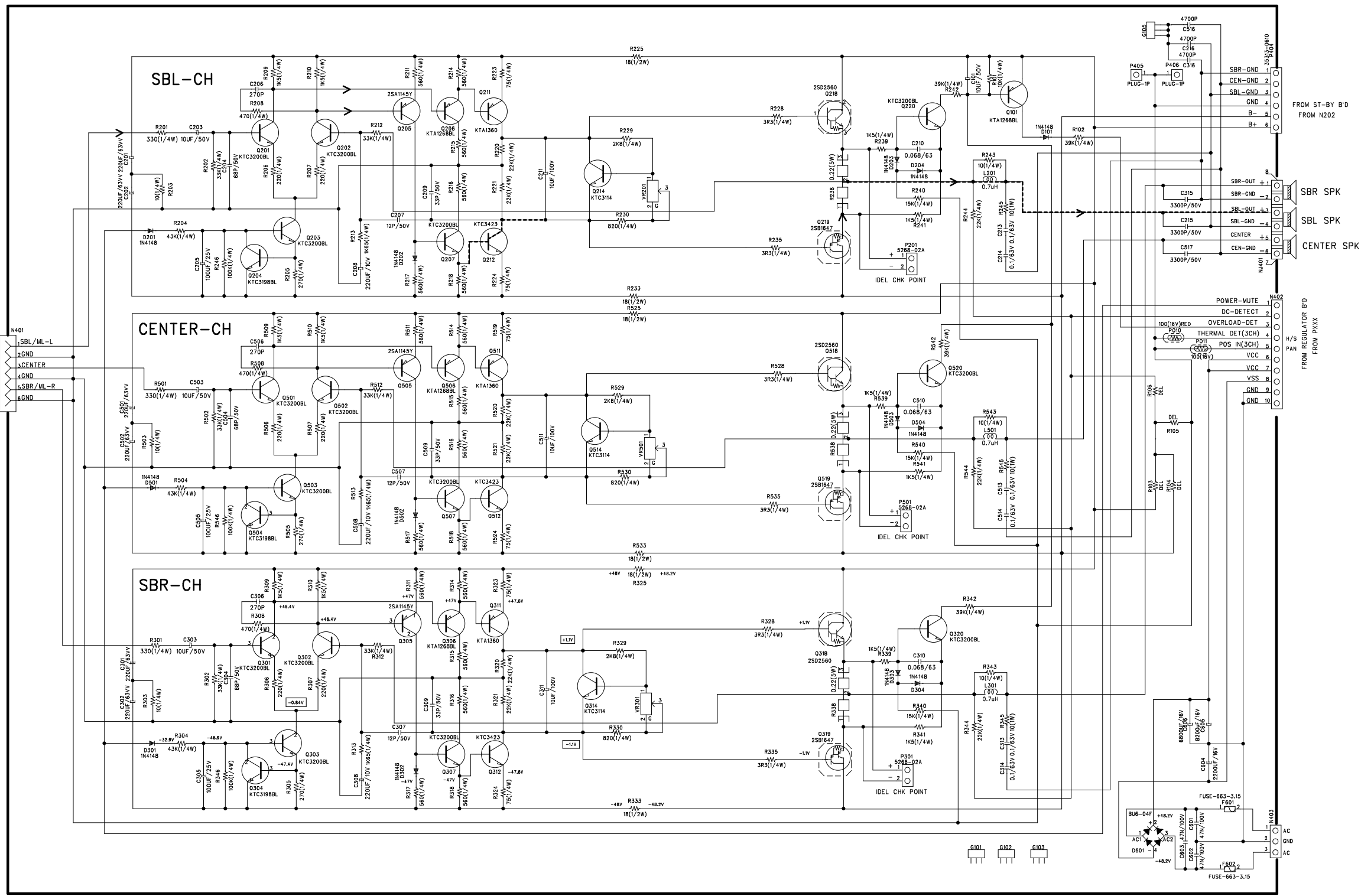
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Category	AV RECEIVER	Model	AVR635/435
Stage	Ver.	Sheet	B'D name
MP	v2.101	/	PROCESSOR
Draw	Approved	Date	Drawing No
		2004/11/30	

AVR 435 CENTER SB AMP SCHEMATIC DIAGRAM

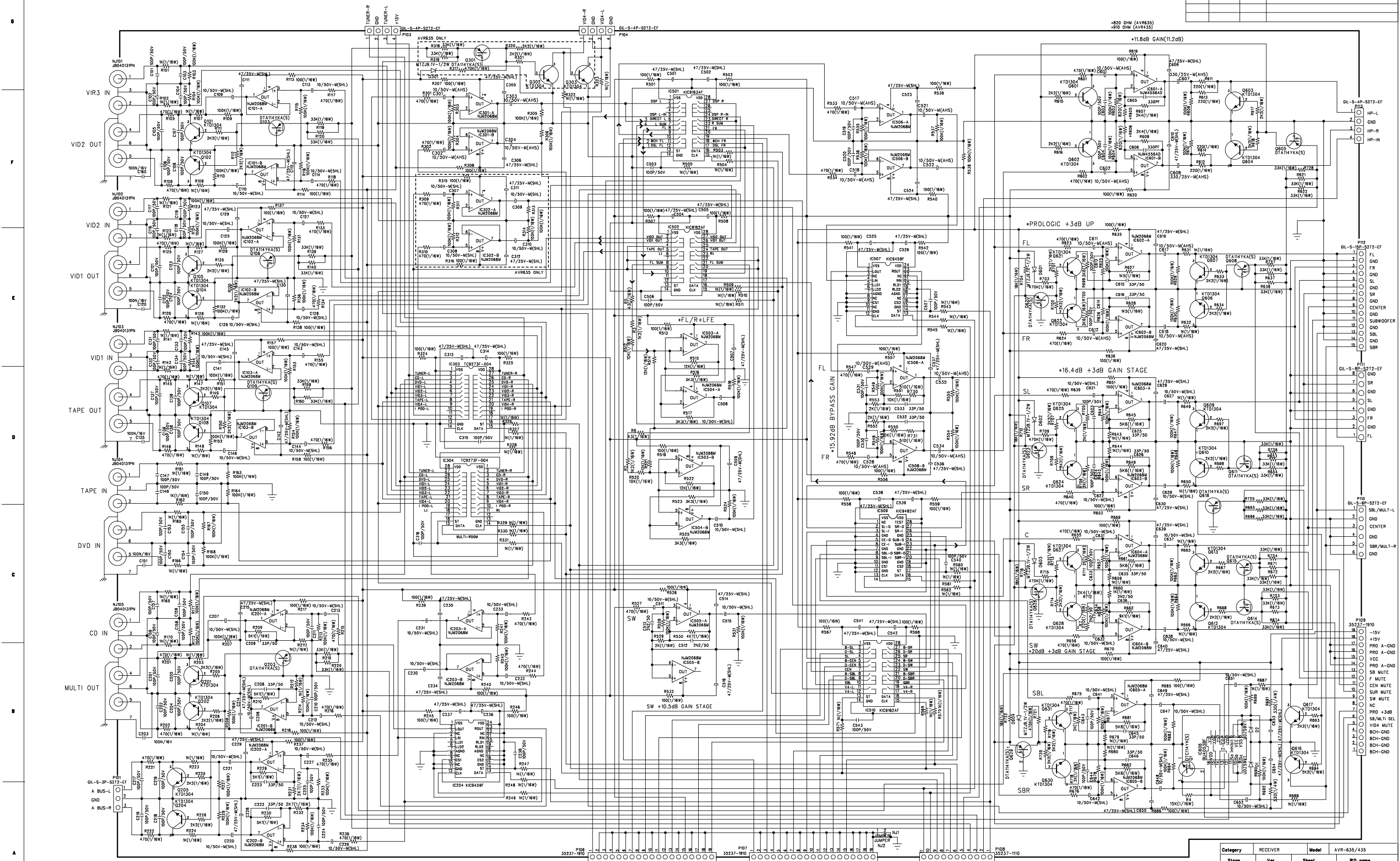
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Category	AVR RECEIVER	Model	AVR435
Stage	Ver.	Sheet	B'D name
HMS		/	SURROUND
Draw	Approved	Date	Drawing No
KIM.S.Y		2005.1.05	

SCHEMATIC DIAGRAM AVR435/635

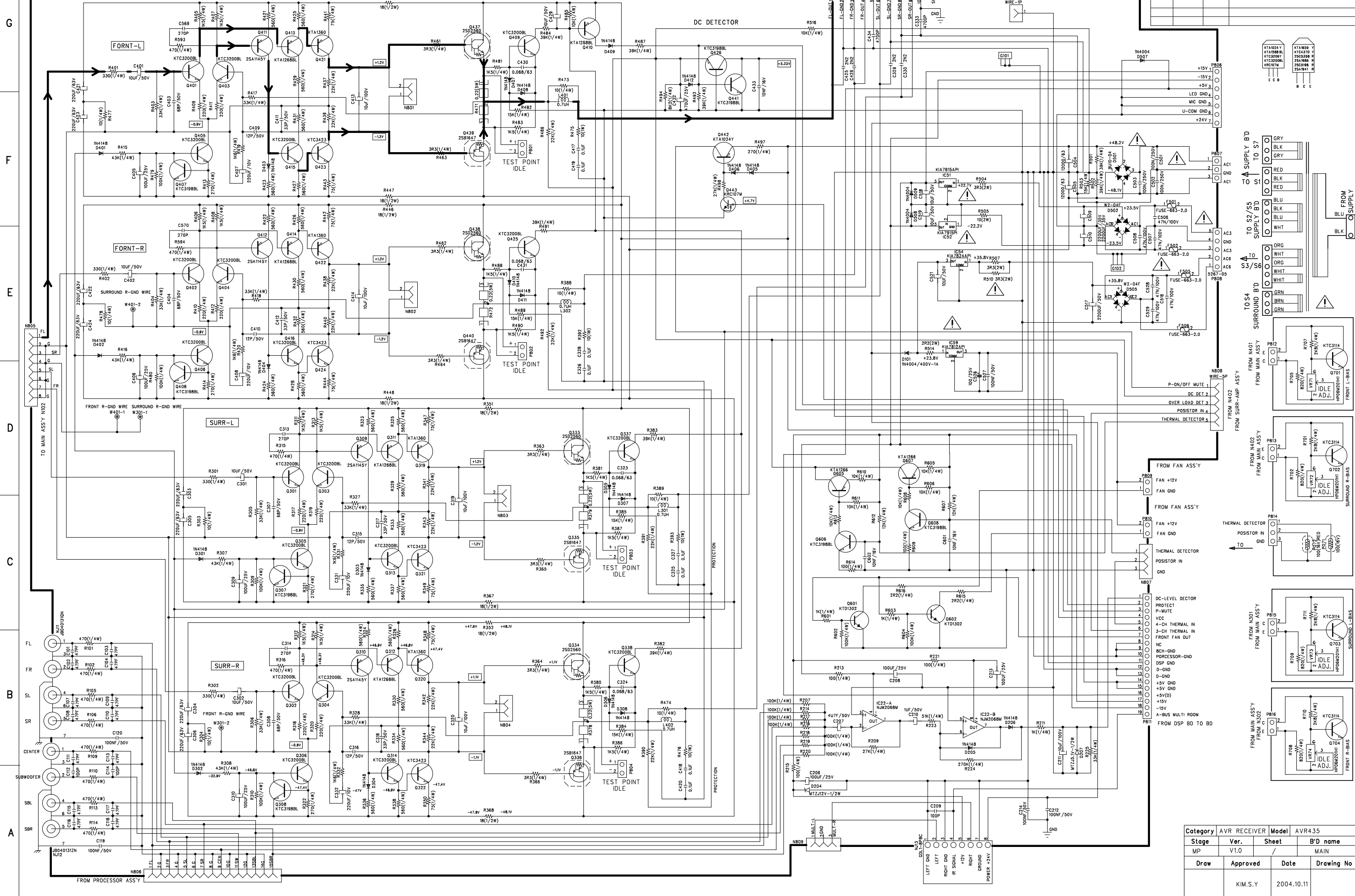
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Category	RECEIVER	Model	AVR-635/435
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MP	/	/	PROCESSOR
Draw	Approved	Date	Drawing No

AVR 435 MAIN AMP SCHEMATIC DIAGRAM

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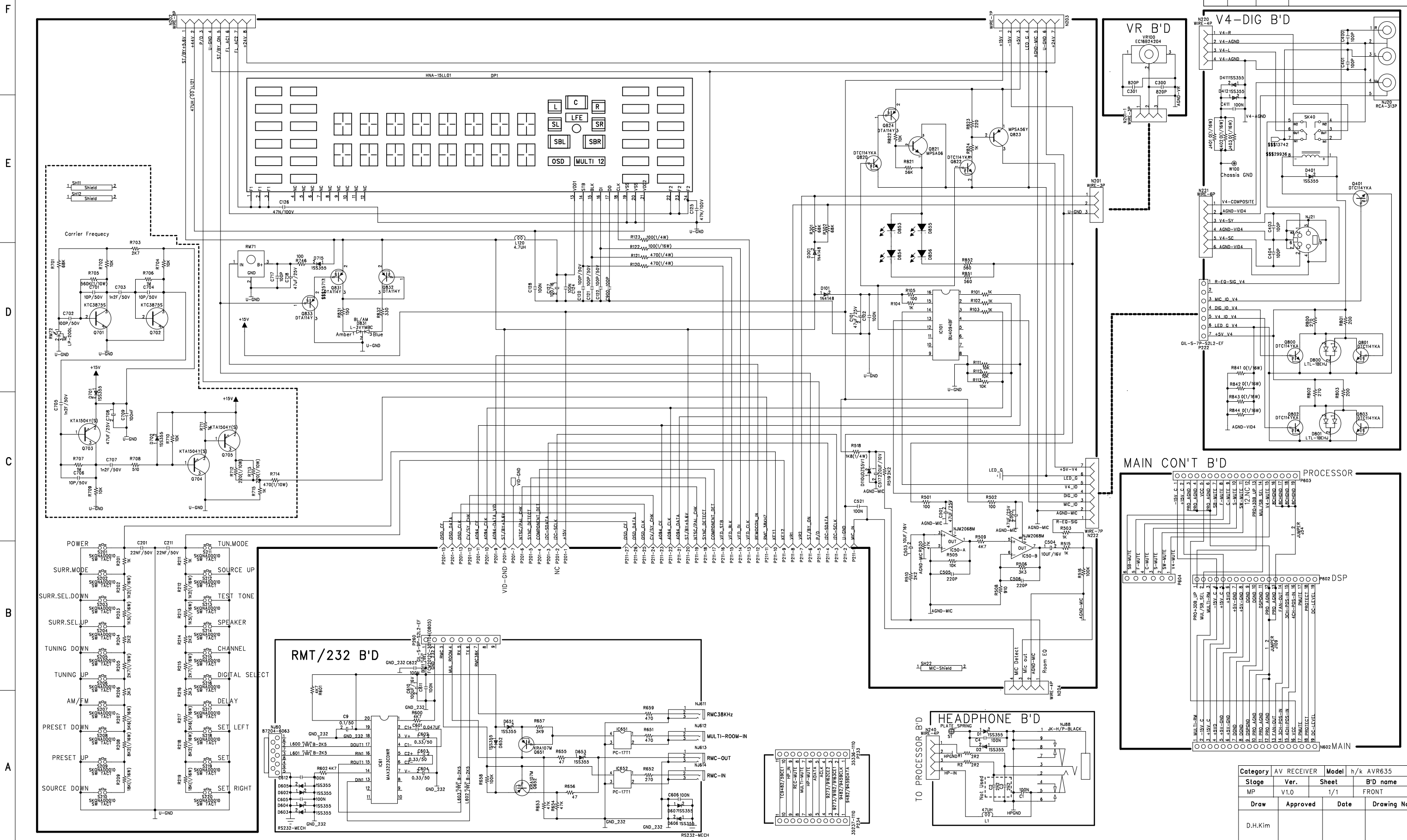


Category	AVR RECEIVER	Model	AVR435
Stage	Ver.	Sheet	B'D name
MP	V1.0		MAIN
Draw	Approved	Date	Drawing No
		KIM.S.Y	2004.10.11

SCHEMATIC DIAGRAM

harman/kardon
AVR635/435 FRONT

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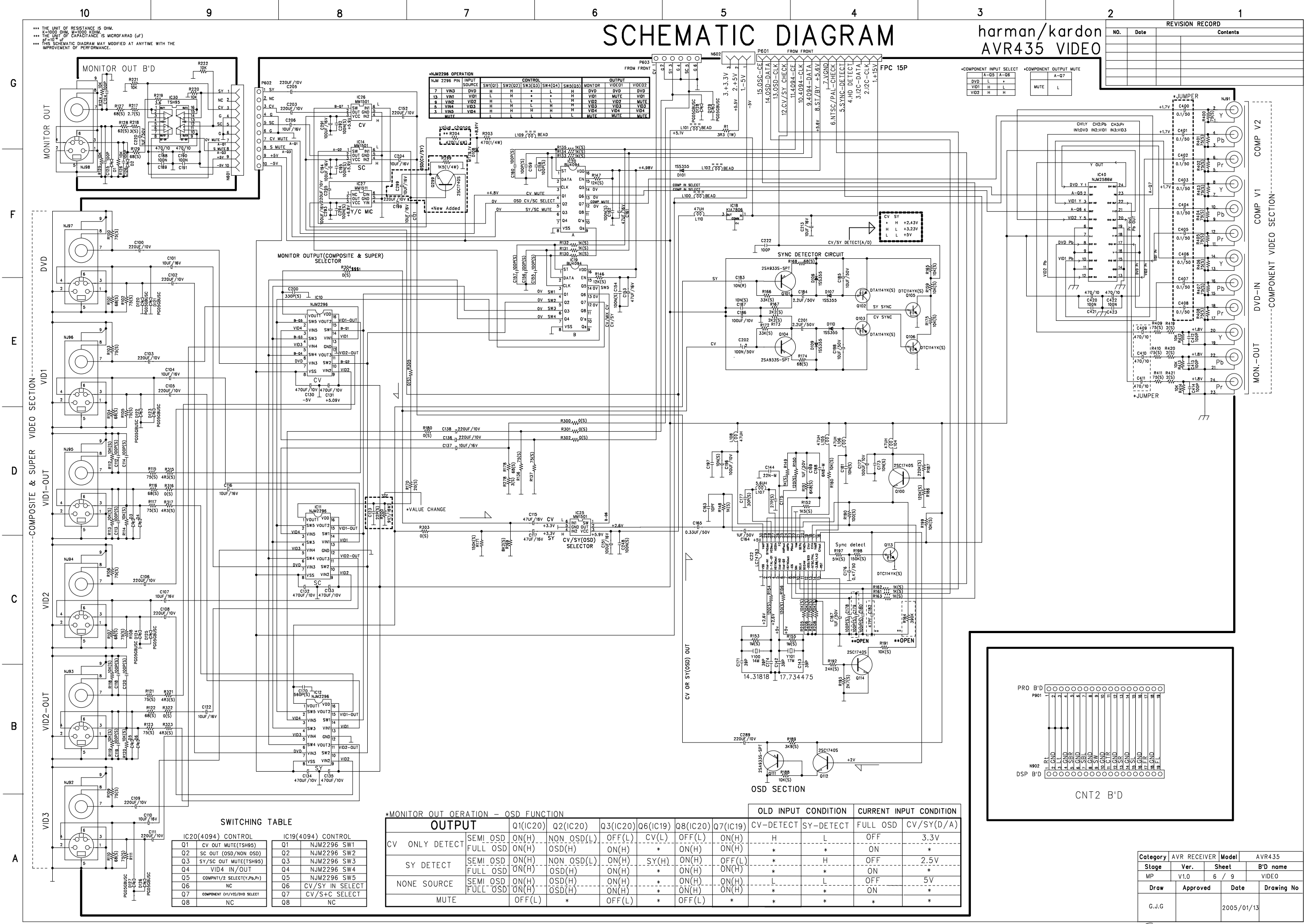


Category	AV RECEIVER	Model	h/k AVR635
Stage	Ver.	Sheet	B'D name
MP	V1.0	1/1	FRONT
Draw	Approved	Date	Drawing No
D.H.Kim			

SCHEMATIC DIAGRAM

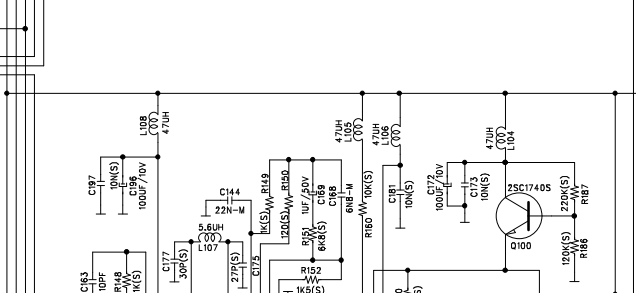
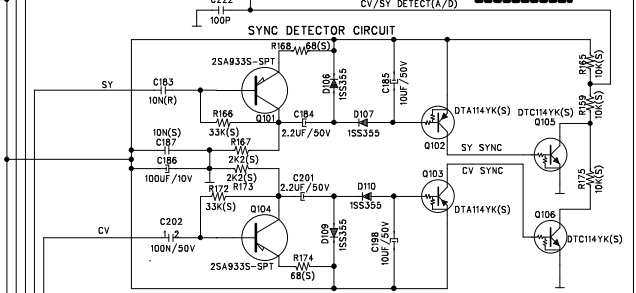
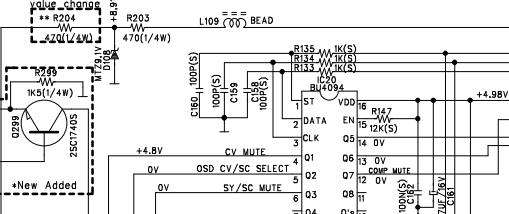
harman/kardon
AVR435 VIDEO

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NJM2296 OPERATION

NJM 2296 PIN	INPUT SOURCE	SW1(Q1)	SW2(Q2)	SW3(Q3)	SW4(Q4)	SW5(Q5)	MONITOR	VIDEO1	VIDEO2
7	VIN3 DVD	H	H	*	L	H	DVD	DVD	DVD
13	VIN1 VDI	H	H	*	L	H	VDI	VDI	VDI
9	VIN2 VID2	H	L	*	L	H	VID2	VID2	MUTE
5	VIN4 VID3	H	H	*	L	H	VID3	VID3	VID3
1	VIN5 VDA	H	H	*	L	H	VID4	VID4	VID4
							MUTE	MUTE	MUTE

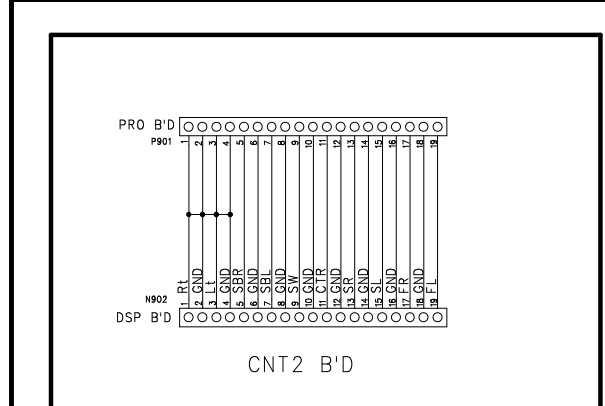


SWITCHING TABLE

IC20(4094) CONTROL		IC19(4094) CONTROL	
Q1	CV OUT MUTE(TSH95)	Q1	NJM2296 SW1
Q2	SC OUT (OSD/NON OSD)	Q2	NJM2296 SW2
Q3	SY/SC OUT MUTE(TSH95)	Q3	NJM2296 SW3
Q4	VID4 IN/OUT	Q4	NJM2296 SW4
Q5	COMPNT1/2 SELECT(Y,Pb,Pr)	Q5	NJM2296 SW5
Q6	NC	Q6	CV/SY IN SELECT
Q7	COMPONENT (V1/V2)/DVD SELECT	Q7	CV/S+C SELECT
Q8	NC	Q8	NC

***MONITOR OUT OPERATION - OSD FUNCTION**

OUTPUT	Q1(IC20)	Q2(IC20)	Q3(IC20)	Q6(IC19)	Q8(IC20)	Q7(IC19)	CV-DETECT	SY-DETECT	FULL OSD	CV/SY(D/A)
CV ONLY DETECT	SEMI OSD ON(H)	NON OSD(L)	OFF(L)	CV(L)	OFF(L)	ON(H)	H	L	OFF	3.3V
	FULL OSD ON(H)	OSD(H)	ON(H)	*	ON(H)	ON(H)	*	*	ON	*
SY DETECT	SEMI OSD ON(H)	NON OSD(L)	ON(H)	SY(H)	ON(H)	OFF(L)	*	H	OFF	2.5V
	FULL OSD ON(H)	OSD(H)	ON(H)	ON(H)	ON(H)	ON(H)	*	*	ON	*
NONE SOURCE	SEMI OSD ON(H)	OSD(H)	ON(H)	*	ON(H)	ON(H)	L	L	OFF	5V
	FULL OSD ON(H)	OSD(H)	ON(H)	*	ON(H)	ON(H)	*	*	ON	*
MUTE			OFF(L)	*	OFF(L)	*	*	*	*	*



Category	AVR RECEIVER	Model	AVR435
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MP	V1.0	6 / 9	VIDEO
Draw	Approved	Date	Drawing No
G.J.G		2005/01/13	