

Service
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Service Manual

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Service parts list:

- 9940 000 00167 ROD ANTENNA NC-2433 2 SEC
- 9940 000 01383 BATTERY DOOR AZ3067
- 9940 000 01384 REMOTE CONTROL AZ3067
- 9940 000 00165 CASS DECK TK20FX-V690-001
- 9940 000 01385 CD MECHANISM DA12B3
- 9940 000 01387 TRANSFORMER EI48 120/230V (/01)
- 9940 000 00161 5 FEET VDE POWER CORD



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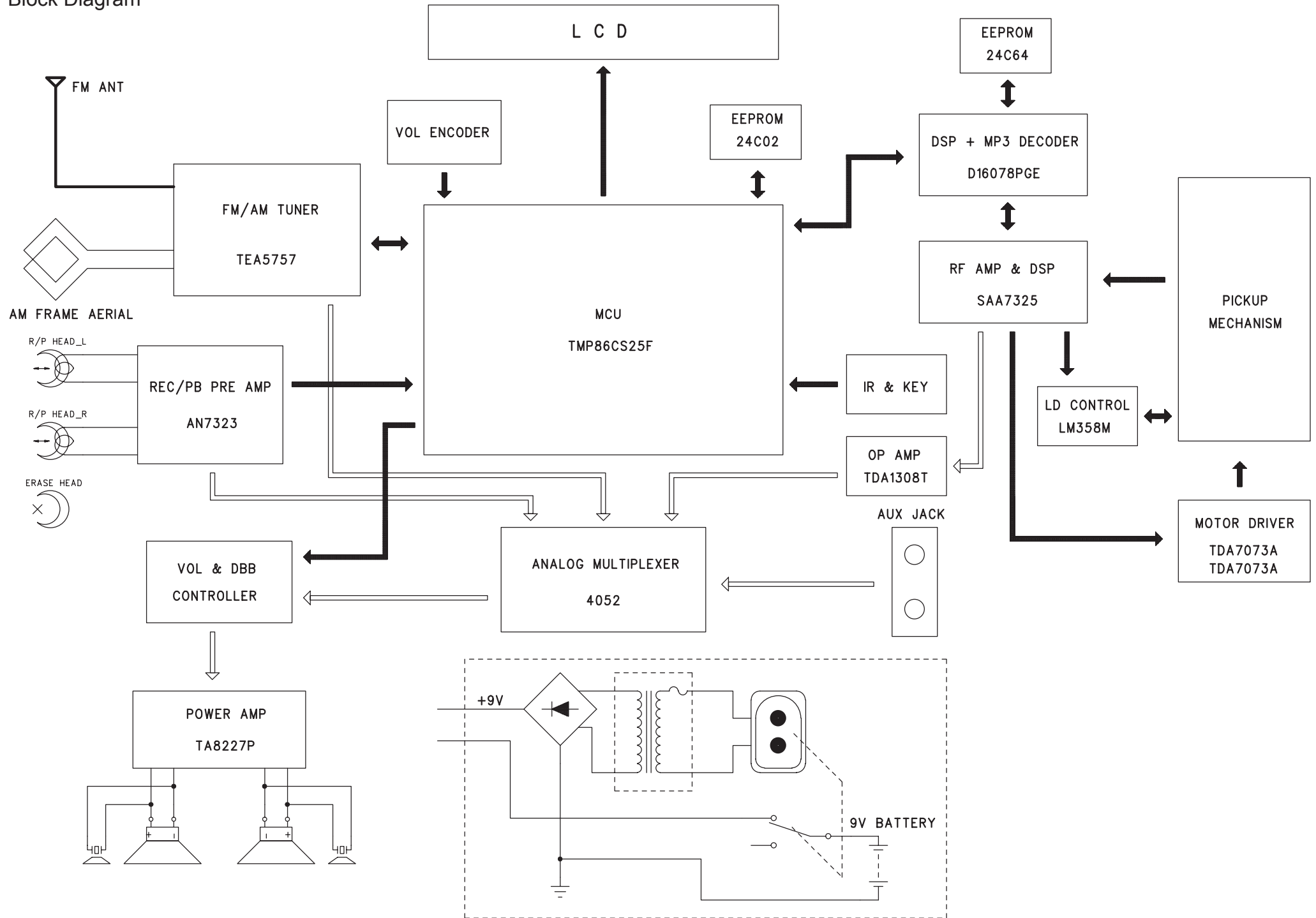
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Version 1.0

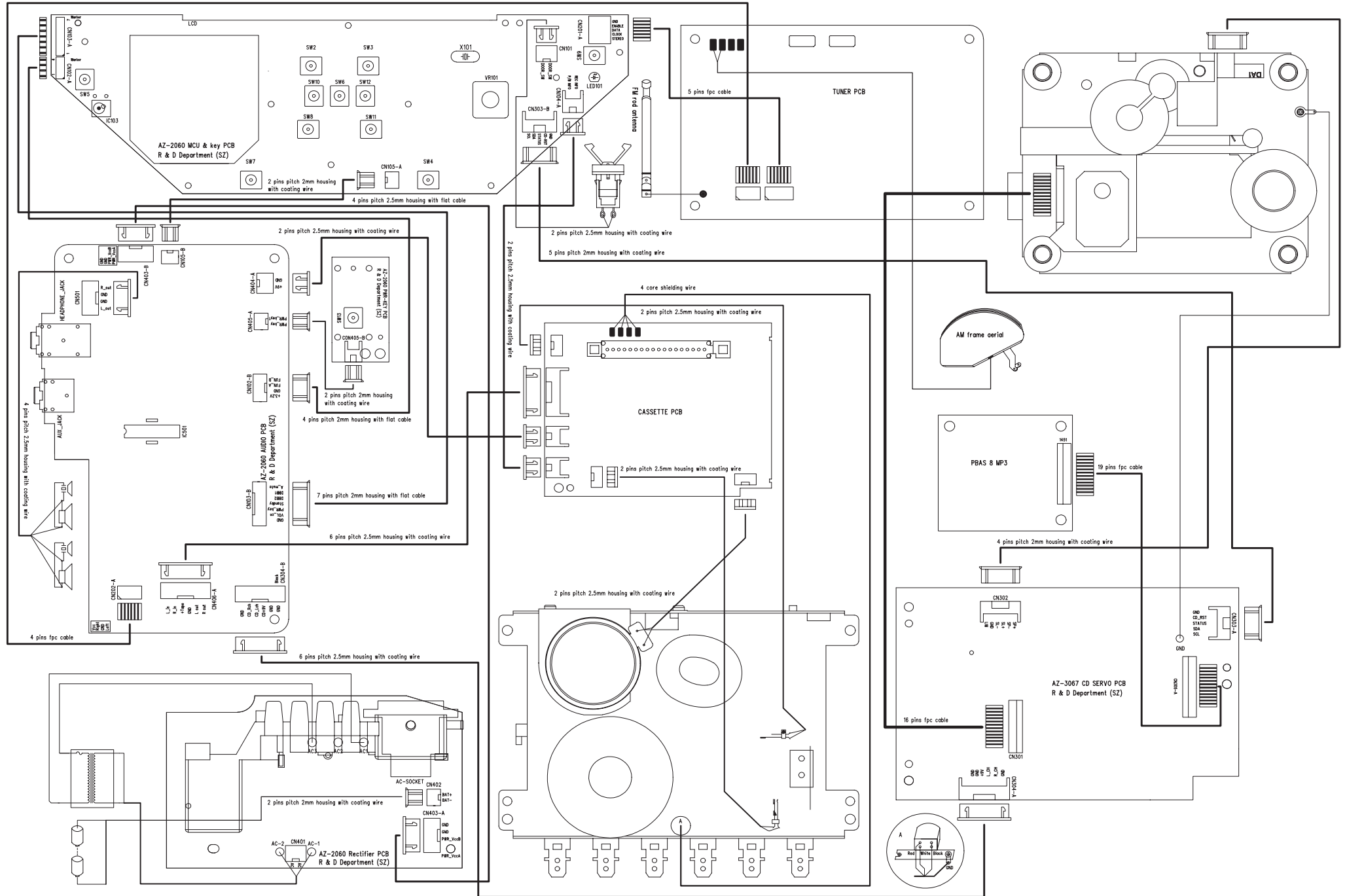


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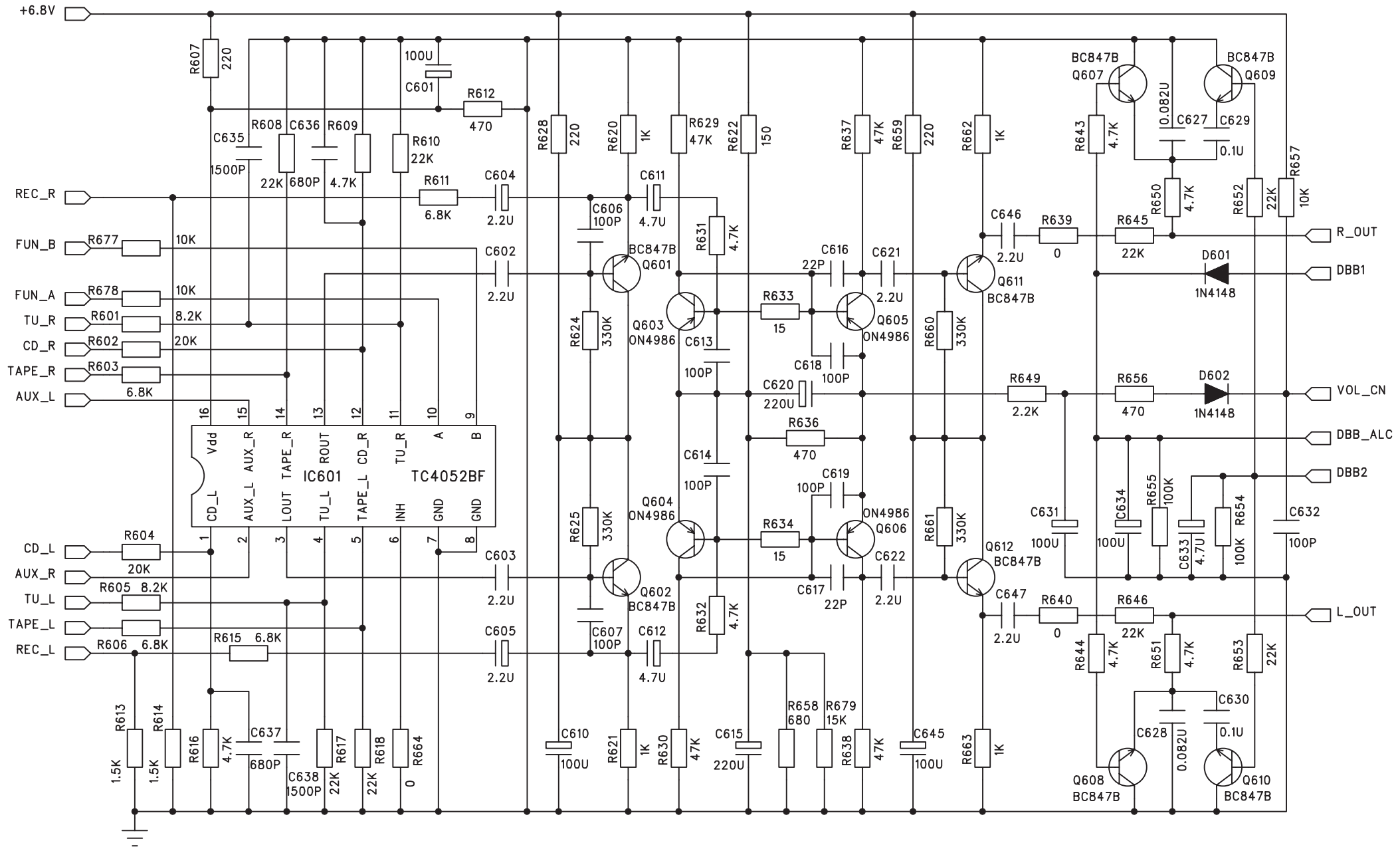
Block Diagram



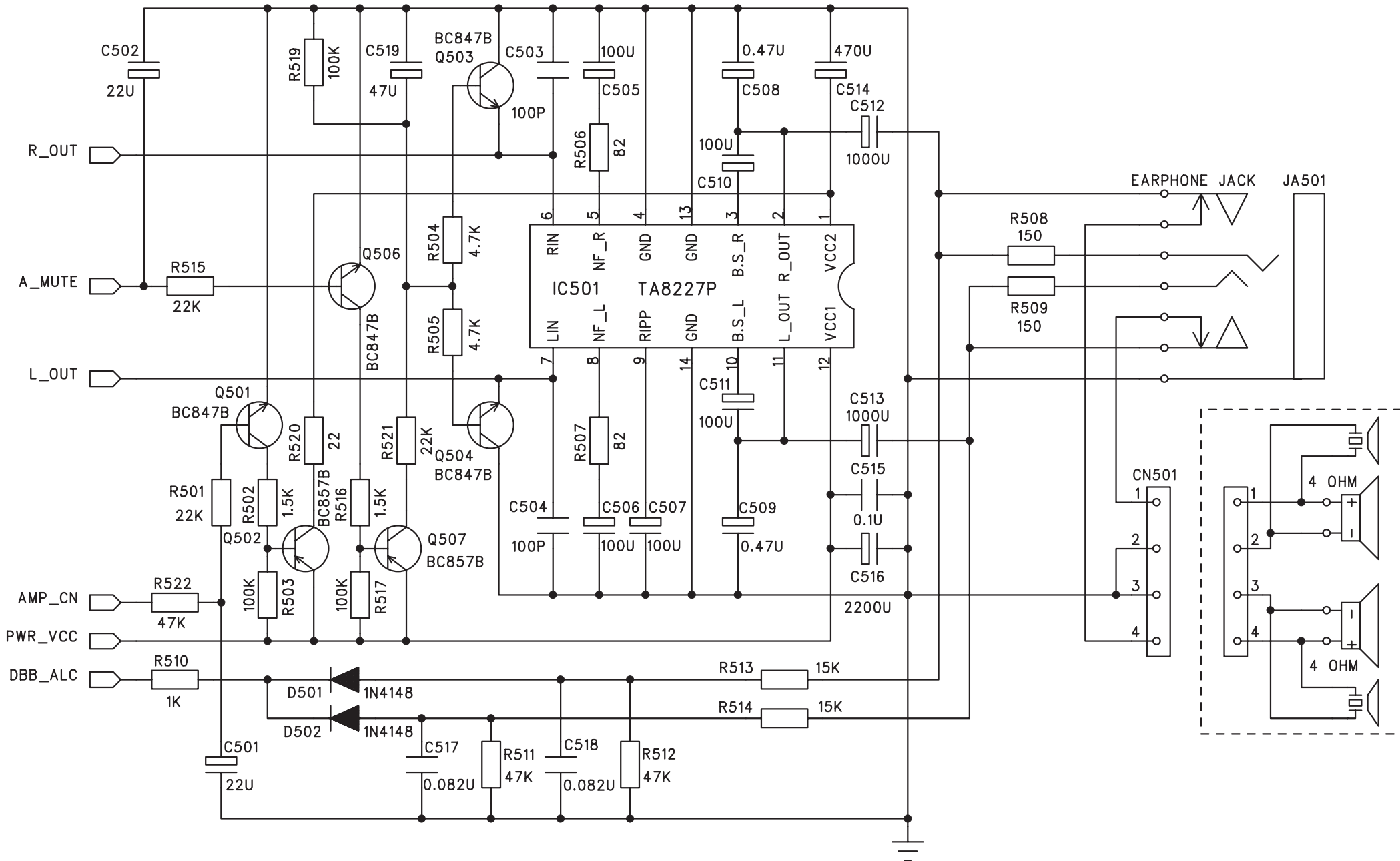
Wiring diagram



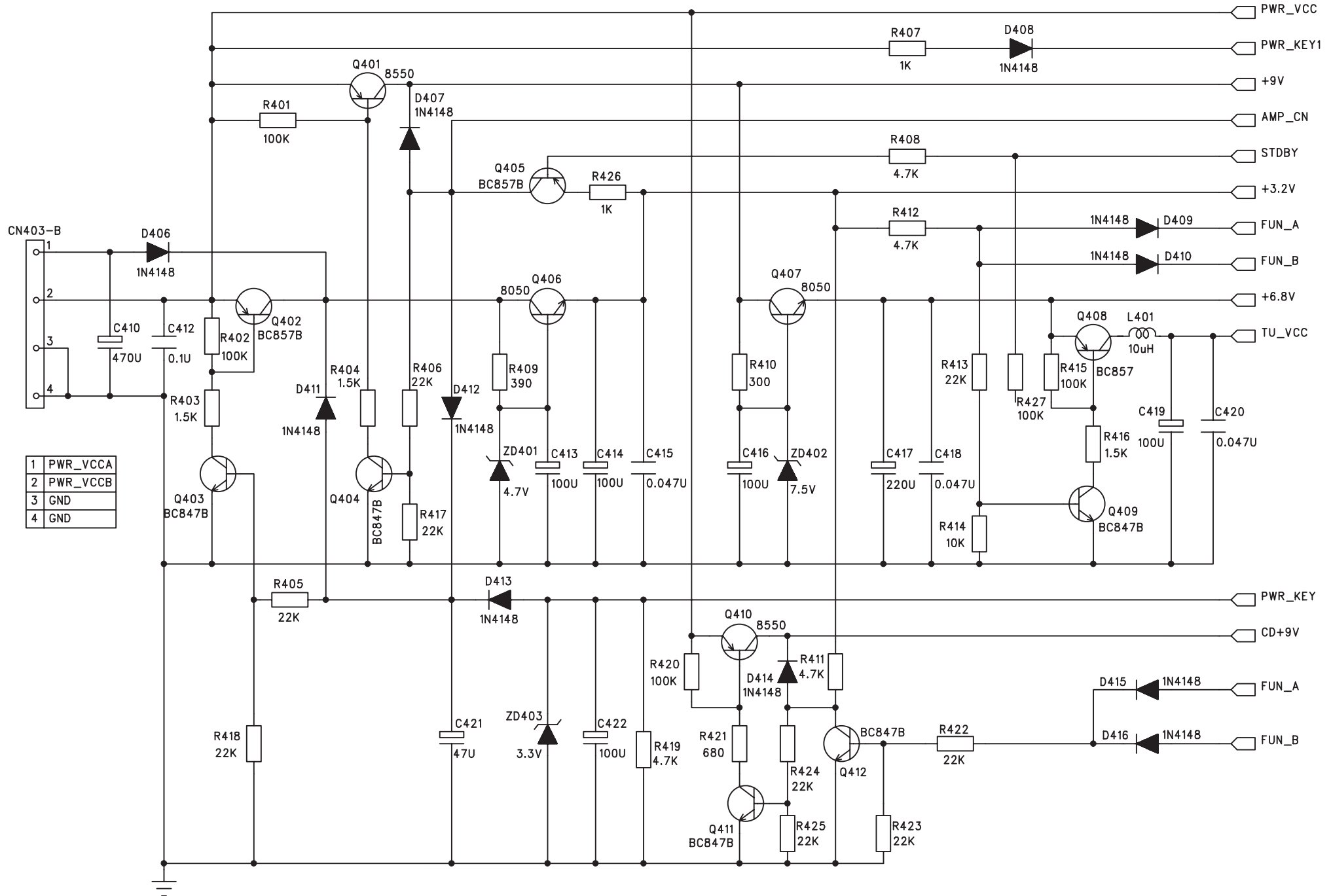
Circuit diagram - Volume & EQ



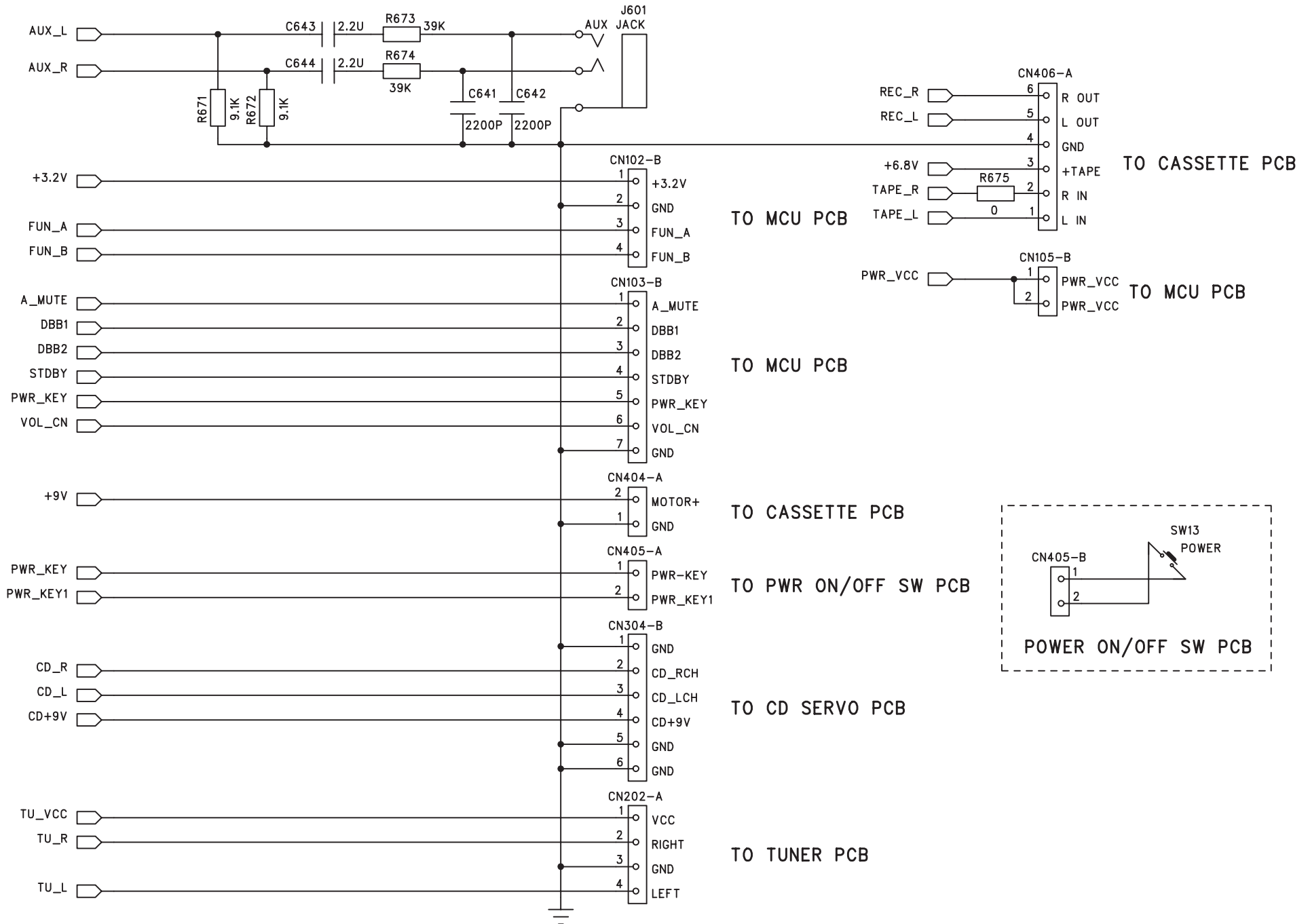
Circuit diagram - Power Amplifier



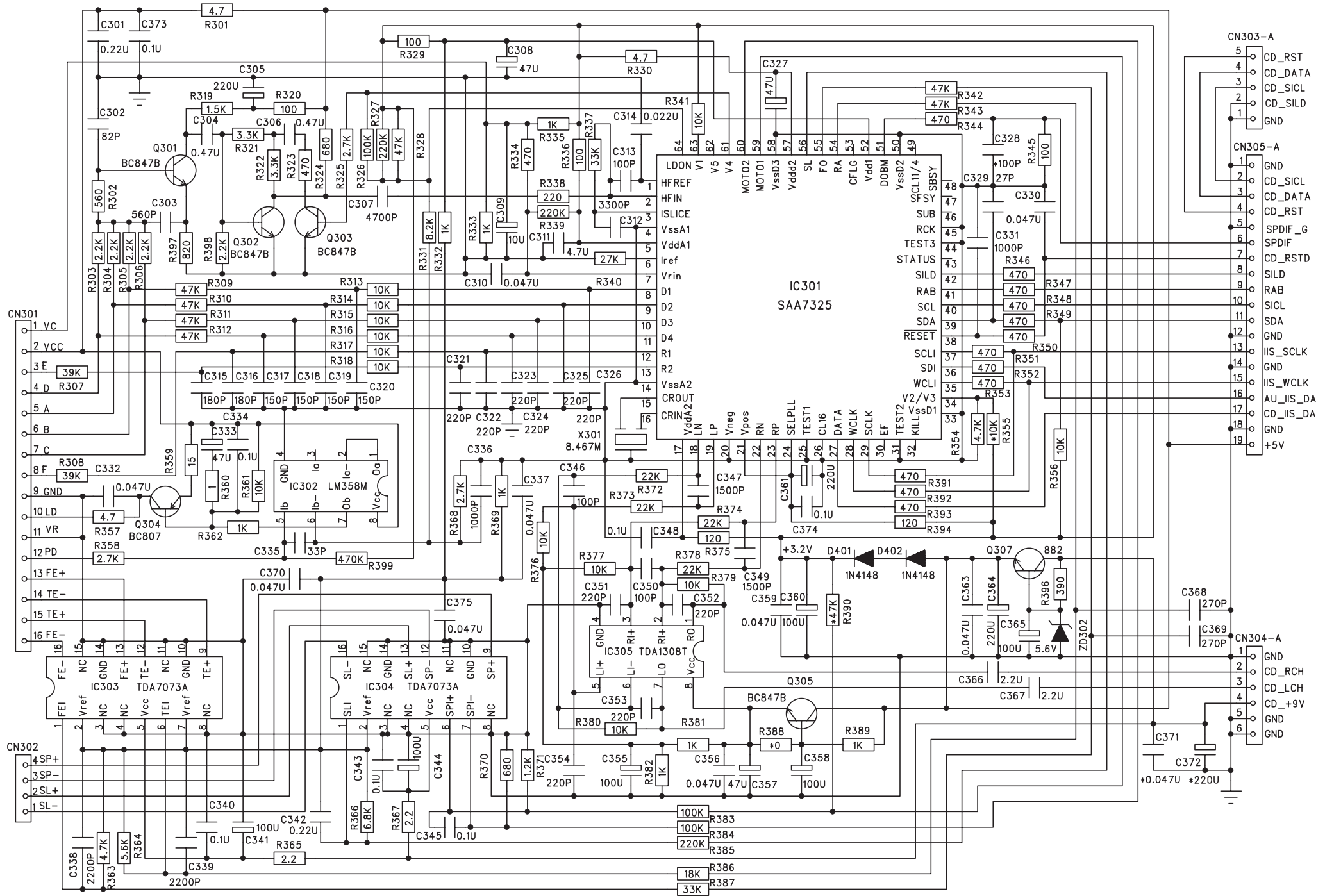
Circuit diagram - Power supply



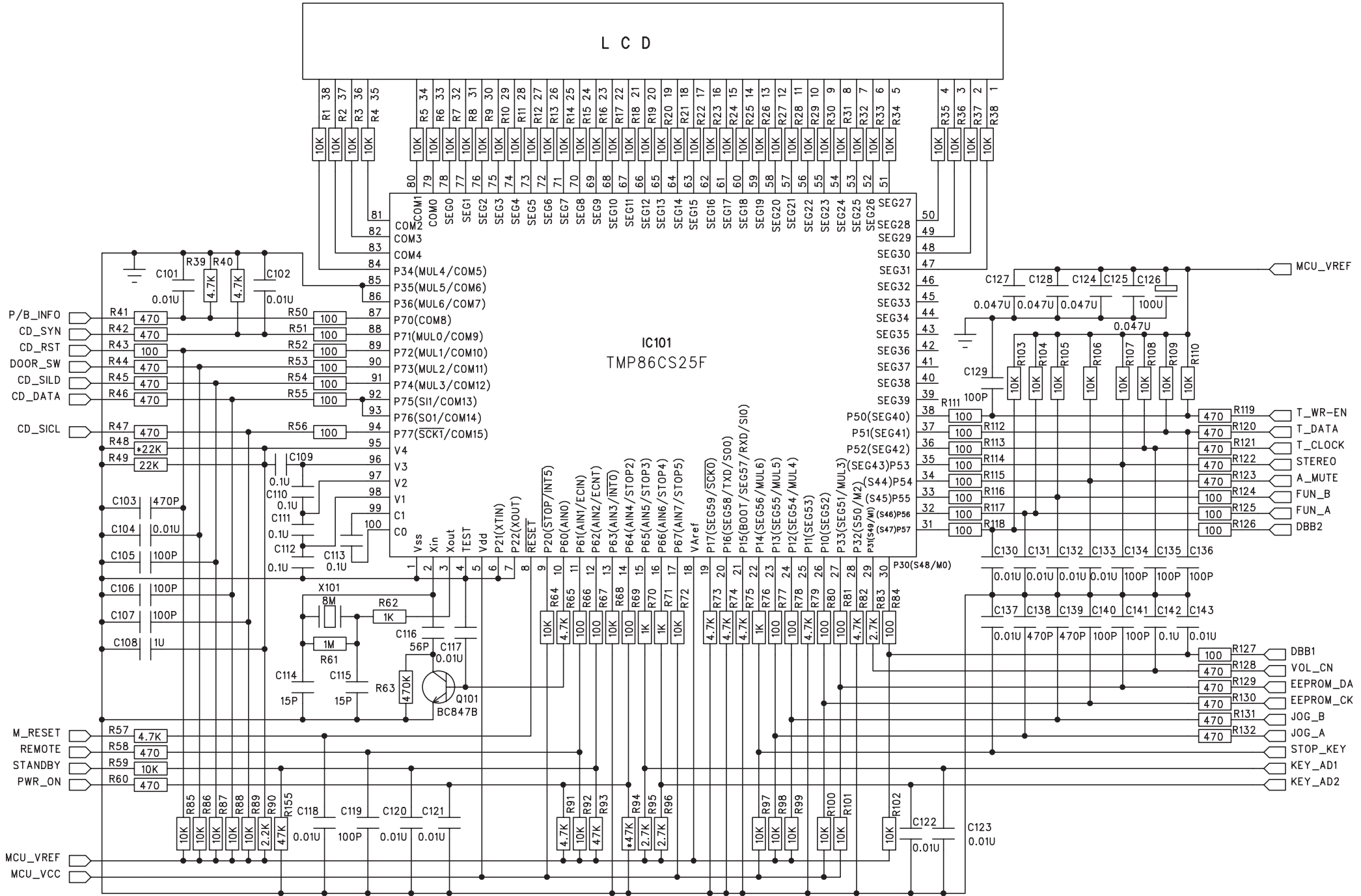
Circuit diagram - Audio interface



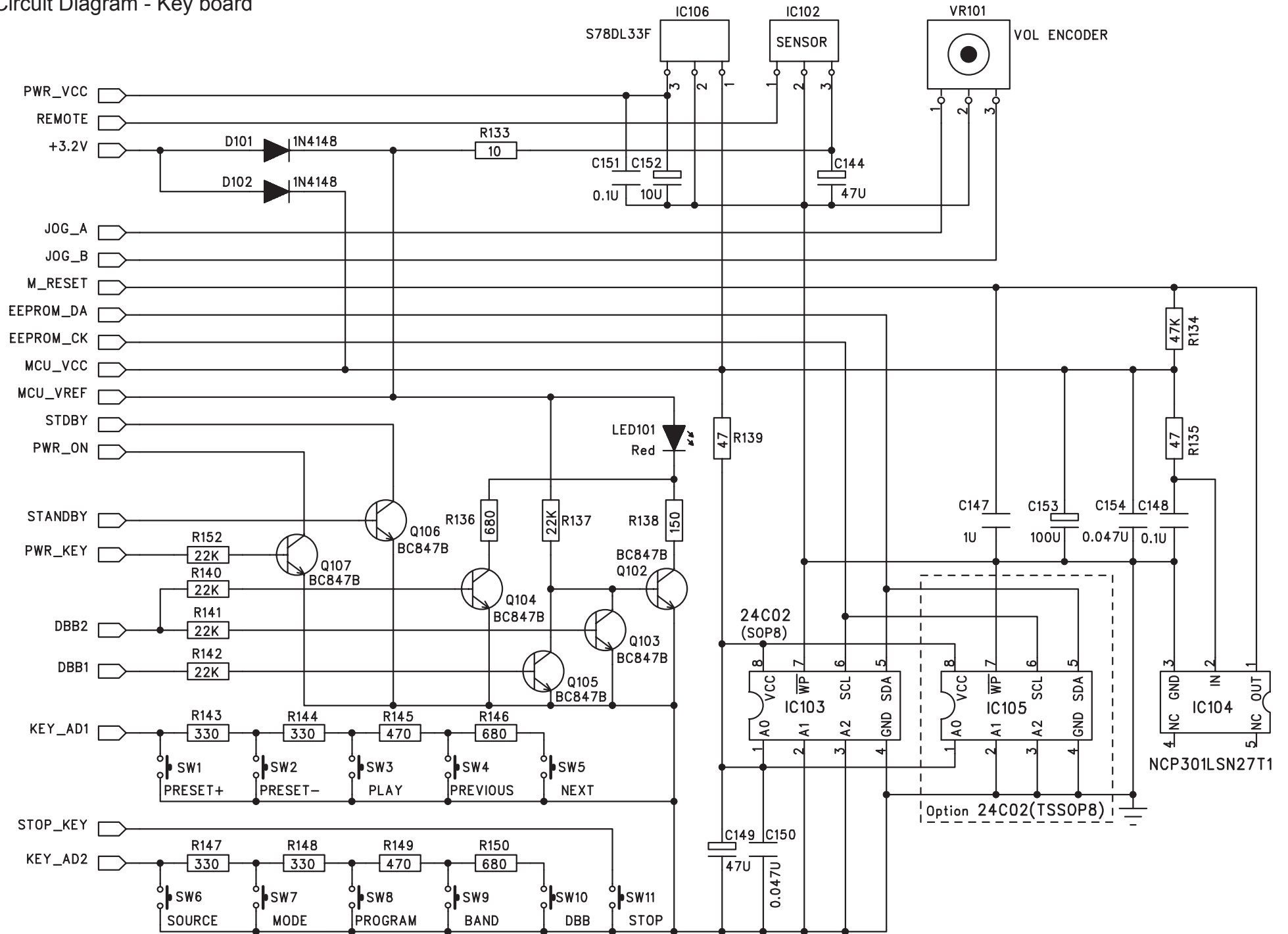
Circuit diagram - CD Servo



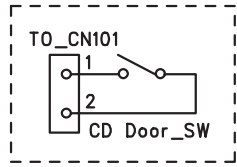
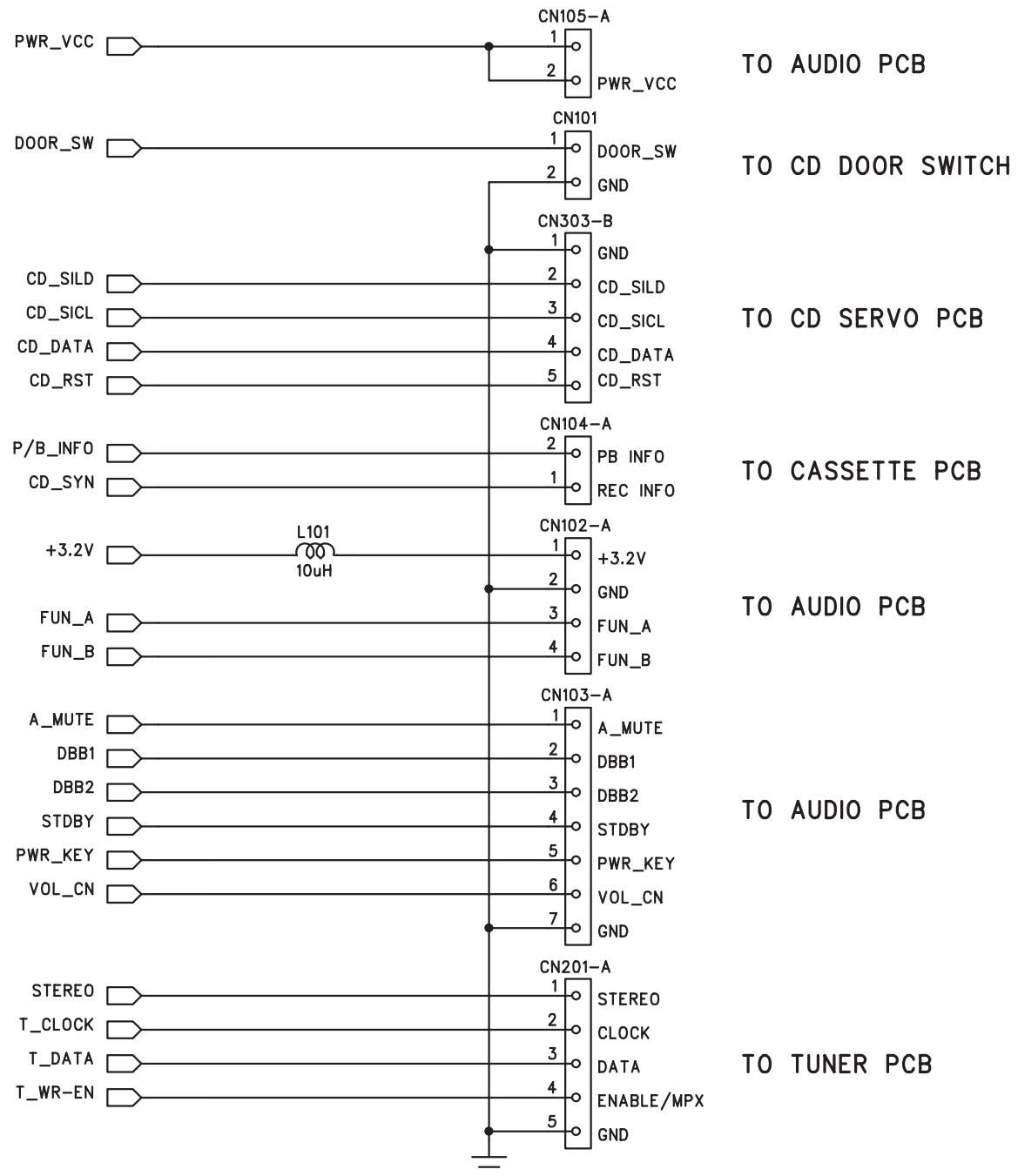
Circuit diagram - MCU board



Circuit Diagram - Key board



Circuit diagram - MCU Interface



TO AUDIO PCB

TO CD DOOR SWITCH

TO CD SERVO PCB

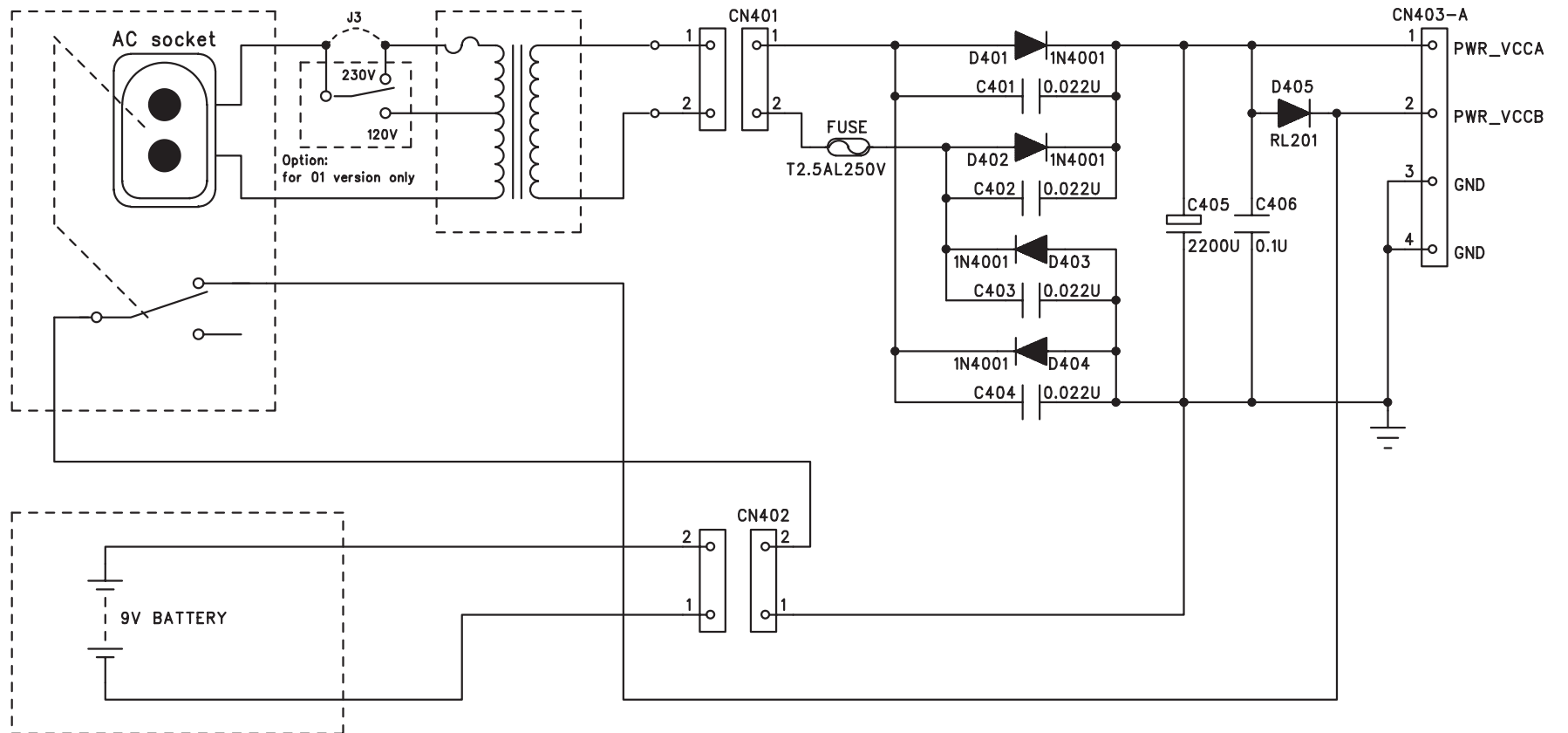
TO CASSETTE PCB

TO AUDIO PCB

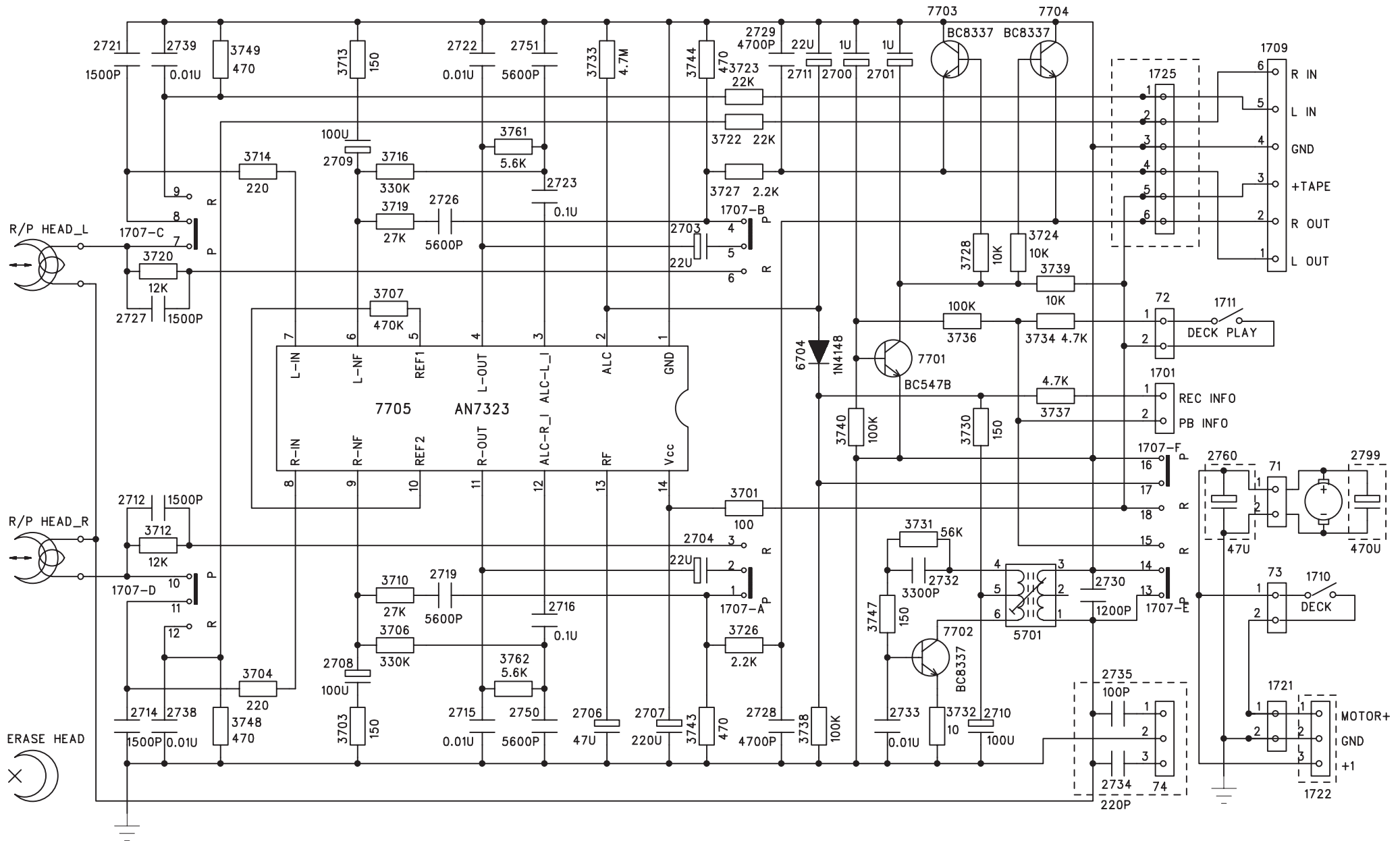
TO AUDIO PCB

TO TUNER PCB

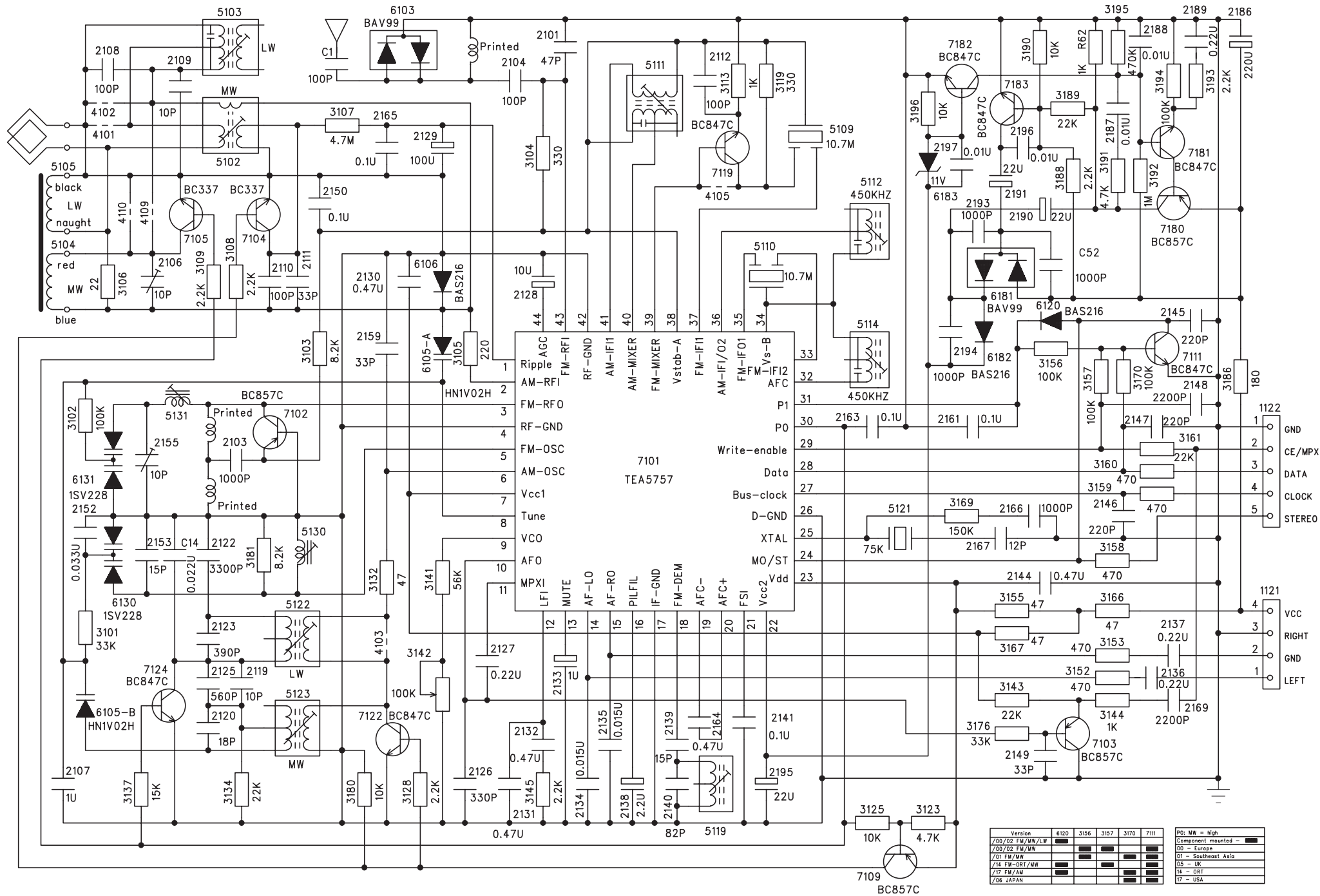
Circuit Diagram - Rectifier board



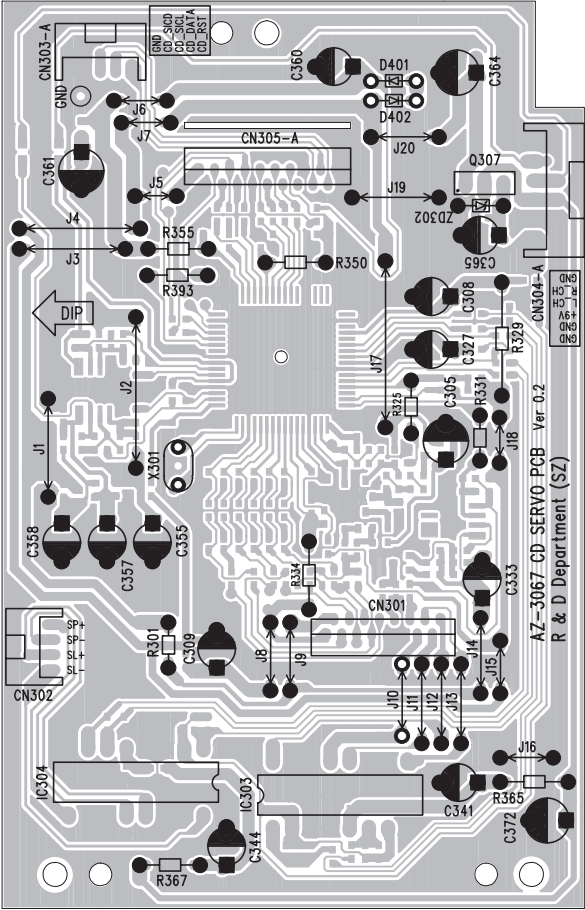
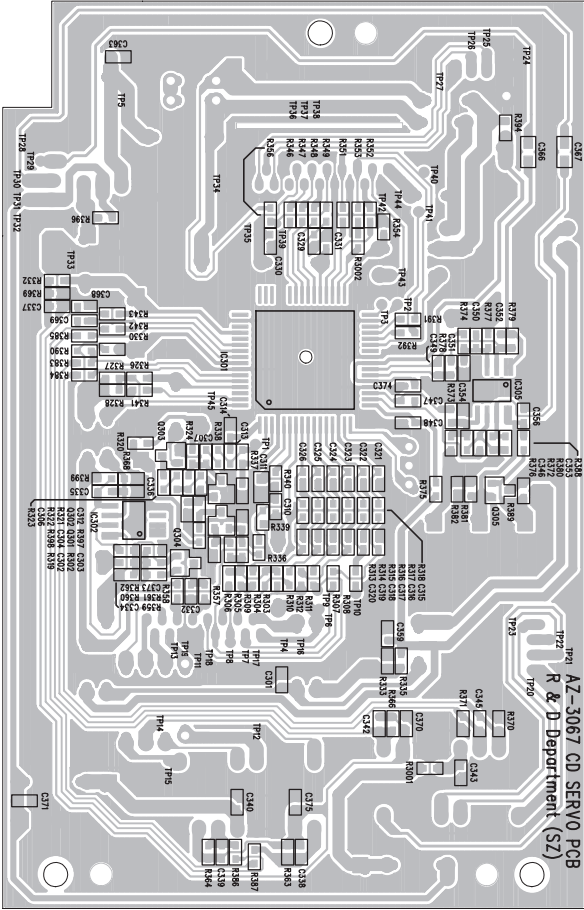
Circuit Diagram - Tape board



Circuit diagram - Tuner

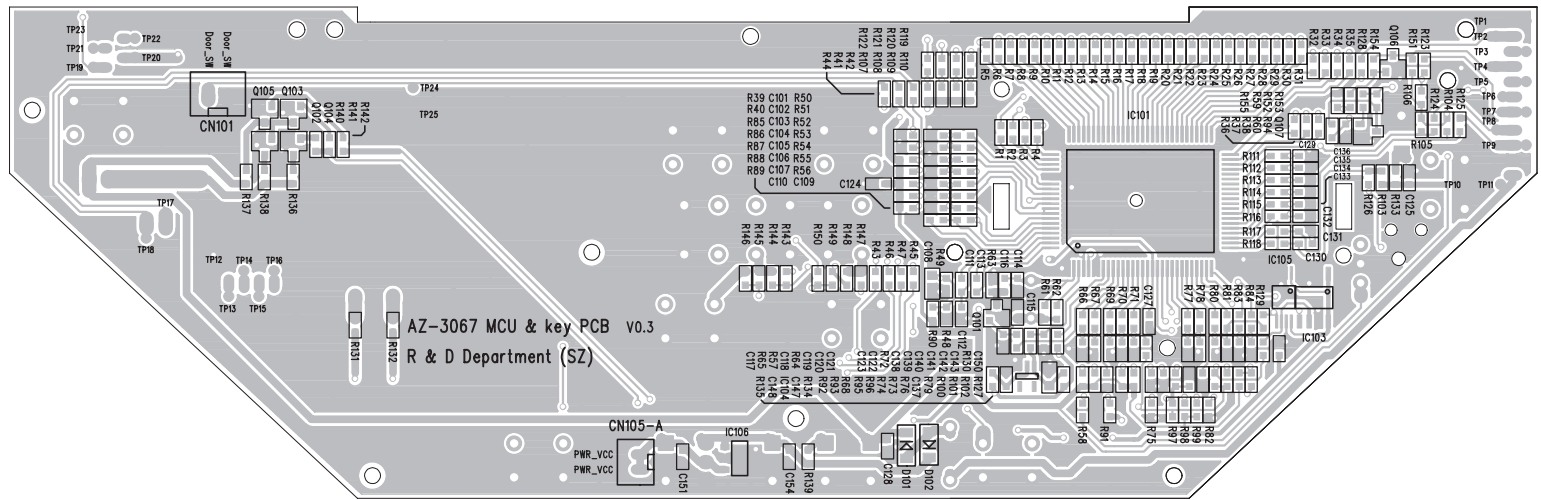
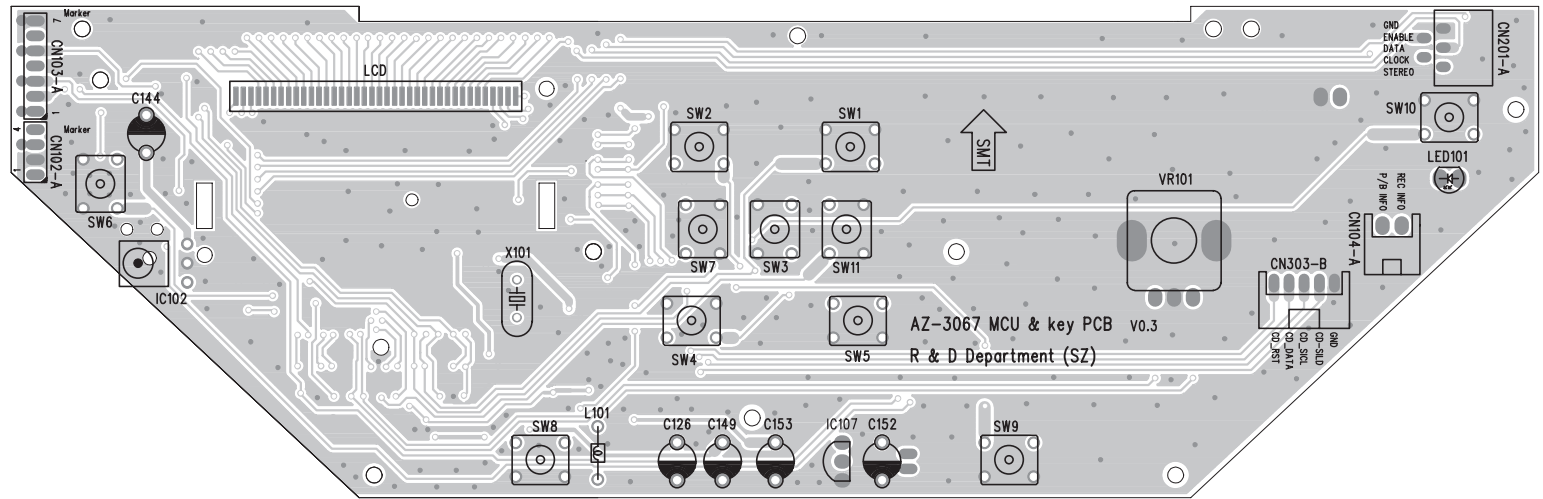


Layout Diagram - CD Servo board



AZ-3067 CD-SERVO PCB Ver 0.2
R & D Department (SZ)

Layout diagram - MCU & Key board



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Product Service Group BLC Audio

Service Information

Supersedes : A05-550 (3141 785 30260)
Date : 2005-02-19

SPARE PART CODENUMBERS FOR OCX (OVER-COUNTER-EXCHANGE) PRODUCTS

This publication gives a survey of service spareparts for those typenumbers for which no service manual has been published.



MODEL	AERIAL	BATTERY COVER	CASSETTE DOOR	CD DOOR	VOLUME CONTROL	TRANSFORMER ⚠	AC/DC ADAPTOR / CHARGER	REMOTE CONTROL	MISCELLANEOUS
AJ3011		9965 000 06622			9965 000 06624	9965 000 06625 9965 000 07072	230V 240V BS		9965 000 06623 SPEAKER 8 OHM
AJ3050 (AJ3051) (AJ3052)		9965 000 11401			9965 000 11403		/00 9965 000 11405 /05 9965 000 11571		9965 000 11404 DC JACK TC18-099-03 9965 000 11402 SPEAKER 32 OHM
AJ3120		9965 000 06681			9965 000 06683	9965 000 06685 9965 000 06684 9965 000 07434	120V 230V 240V BS		9965 000 06682 SPEAKER 8 OHM
AJ3125		9965 000 06711							
AJ3136		9965 000 19615			9965 000 16203		/00 9965 000 19618		9965 000 19616 BATTERY DOOR BUTTON 9965 000 19617 SPEAKER 32 OHM
AJ3160		9965 000 13669							9965 000 13702 LEAF SWITCH LSA1110E1 9965 000 13701 LED BL-BKB331W YEL 9965 000 16205 LED L-34SYCK 9965 000 13670 SET TIME POLE 9965 000 03270 SPEAKER 8 OHM
AJ3225		9965 000 06711			9965 000 07811	9965 000 07074	230V		9965 000 08025 SPEAKER 8 OHM
AJ3230		9965 000 08706			9965 000 08707	9965 000 08708 9965 000 06684 9965 000 07434	120V 230V 240V BS		9965 000 06682 SPEAKER 8 OHM
AJ3260		9965 000 09455			9965 000 09453	9965 000 09456 9965 000 09454 9965 000 10818	120V 230V 240V BS		9965 000 10819 LCD DISPLAY 9965 000 09450 SPEAKER 8 OHM 9965 000 09452 TACT SWITCH S101 9965 000 09451 TACT SWITCH SW2
AJ3431					9965 000 05552	9965 000 05554 9965 000 05553	120V 230V		9965 000 05550 LCD DISPLAY 9965 000 05551 SPEAKER 16 OHM 9965 000 02251 TACT SWITCH
AJ3600							/00 9940 000 00191 /05 9940 000 00233		
AJ3977		9940 000 01588							
AJL700	9940 000 02202							9940 000 02203 9940 000 02204	9940 000 02205 BOLT UNF MTP RD N 5.0*8.0 9940 000 02201 HOUSING 1P L1.1M (FM ANT) 9940 000 02207 PLASTIC SPACER 9940 000 02208 TEMPLATE AJL700 9940 000 02199 TV ADAPTOR 9940 000 02206 WOOD SCREW NI M3*12MM

MODEL	AERIAL	BATTERY COVER	CASSETTE DOOR	CD DOOR	VOLUME CONTROL	TRANSFORMER ⚠	AC/DC ADAPTOR / CHARGER	REMOTE CONTROL	MISCELLANEOUS
AQ4130	9940 000 01175	9940 000 01168	9940 000 01167		9940 000 01173	9940 000 01172 9940 000 01925	220V 120/230V		9940 000 01171 AC CORD (CHINA) 9940 000 01924 AC CORD (VDE) 9940 000 01166 CASS DECK AUTO STOP 9940 000 01169 HANDLE 9940 000 01174 SPEAKER 3.5" 4 OHM
AQ4150 /.S	4822 303 14031	4822 442 01893	4822 443 11263		4822 100 30197	4822 146 31478 4822 146 31476 4822 146 31479	120/230V 230V 240 BS		4822 267 31922 AC SOCKET VDE 4822 492 42776 CASSETTE DOOR SPRING 4822 492 71705 CASSETTE SPRING L 4822 492 71706 CASSETTE SPRING R 4822 249 40306 E. HEAD 4822 403 70968 EJECT SLIDER 4822 498 10741 HANDLE 4822 267 31923 HEADPHONE JACK 4822 358 10233 MAIN BELT 4822 361 21641 MOTOR EG-530AD-6B 4822 528 70695 PINCH ROLLER ASSY 4822 249 10486 R/P HEAD 4822 240 30757 SPEAKER 8 OHM
AQ5120	9940 000 01175	9940 000 01182	9940 000 01179		9940 000 01176	9940 000 01183 9940 000 01926	220V 120/230V		9940 000 01171 AC CORD (CHINA) 9940 000 01924 AC CORD (VDE) 9940 000 01178 CASS DECK AUTO STOP 9940 000 01181 HANDLE 9940 000 01177 SPEAKER 3 1/2" 8OHM 1.5W
AQ5150 /.S	4822 303 14003	4822 442 01892	4822 443 11262		4822 100 30195 (VOLUME) 4822 100 30196 (TONE)	4822 146 31477 4822 146 31475	120/230V 230V		4822 267 31891 AC SOCKET VDE 4822 492 42775 CASSETTE DOOR SPRING 4822 403 70968 EJECT HOOK A 4822 249 40306 ERASE HEAD 4822 498 10739 HANDLE 4822 267 31921 HEADPHONE JACK 4822 358 31257 MAIN BELT 4822 361 21765 MOTOR EG-530-AD-9F 4822 249 10397 R/P HEAD MS15R-AA-2N1 4822 528 70695 ROLLER ARM ASSY 4822 240 30756 SPEAKER 8 OHM
AZ101	9940 000 01094	9940 000 01095				9940 000 01453	120/230V		9940 000 00161 POWER CORD SET VDE (/00C) 2422 070 00012 AC CORD SET BLACK 9940 000 01476 CASS DECK CS-21V-230 9940 000 03392 CD MECH DA11B3VF (SANYO)
AZ1006	3140 118 71920	9965 000 17746				9940 000 01453	120/230V		9965 000 17775 CD DOOR SWITCH 9940 000 03392 CD MECH DA11B3VF (SANYO) 2422 070 98151 MAINSCORD EUR 1M5 9965 000 13779 TACT SWITCH

MODEL	AERIAL	BATTERY COVER	CASSETTE DOOR	CD DOOR	VOLUME CONTROL	TRANSFORMER ⚠	AC/DC ADAPTOR / CHARGER	REMOTE CONTROL	MISCELLANEOUS
AZ1016	9940 000 01687	9940 000 03886	9940 000 03887	9940 000 03888	9940 000 03664	9940 000 03882 9940 000 03889	120V 120/230V		9940 000 03869 AC CORD SET CNS 9940 000 03633 AC CORD SET VDE 9940 000 01693 CASS DECK CS-21V-225 9940 000 01689 CD MECHANISM DA11B3NF 9940 000 03884 SHOCK ABSORBER (PUR) 9940 000 03885 SHOCK ABSORBER (RED) 9940 000 03883 SPEAKER 3" 2W 8OHM
AZ1017	9940 000 02364	9940 000 05116	9940 000 05117	9940 000 05118	9940 000 03283	9940 000 03395	120/230V		9940 000 05119 77MM SPEAKER 8 OHM 1W 3 INCH 9940 000 01476 CASSETTE DECK MECHANISM 9940 000 05113 CASSETTE DOOR SPRING 9940 000 05115 CD DAMPER BLACK 658PH 9940 000 00168 CD DAMPER PINK 658F 9940 000 05114 CD DOOR SPRING 4822 278 90739 CD DOOR SWITCH 1P2T LS-323-O 9940 000 03392 CD MECHANISM DA11B3VF 9940 000 05097 VDE POWER CORD
AZ1037	9940 000 04991	9940 000 03624	9940 000 04996	9940 000 04995	9940 000 03631	9965 000 17021	120/230V	9940 000 04992	9940 000 04993 AC CORD SET VDE 9940 000 04998 CASS DOOR SPRING : AZ1022 9940 000 04989 CASS. DECK : CS-21V-818FDT 9965 000 16883 CD CUSHION : 658PC (YELLOW) 9965 000 16882 CD CUSHION : 658PH (PINK) 9940 000 03627 CD DECK : DA11B3VF 9940 000 03626 CD DOOR SPRING : AZ1022 9940 000 04994 HANDLE : AZ1037 9940 000 03621 HANDLE HINGE-L 9940 000 03622 HANDLE HINGE-R 9940 000 04999 SPEAKER : 3 1/2" 8 OHM 2W
AZ1053	9940 000 04991	9940 000 03624							9940 000 00553 AC CORD SET VDE
AZ1308	9940 000 04991	9940 000 03624							2422 070 98115 AC CORD SET UL
AZ1123	9940 000 01687	9940 000 05087		9940 000 05089		9940 000 05083	120/230V		9940 000 01692 AC CORD SET BRAZIL APP 9940 000 05085 CD MECHANISM DA11B3VZ (BALL) 9940 000 05086 DOOR LOCK #DSL-01B 9940 000 05088 HANDLE 9940 000 00505 SHOCK ABSORBER (658 TA 30C) 9940 000 00506 SHOCK ABSORBER (658 TB 40C) 9940 000 05084 SPEAKER 3" 2W 8Ω
AZ1130	9940 000 03393	9940 000 03391		9940 000 03389	9940 000 03283	9940 000 03395 9940 000 03397	120/230V /78		4822 278 90739 CD DOOR SWITCH 1P2T 9940 000 03392 CD MECH DA11B3VF (SANYO) 9940 000 03284 POWER CORD SET BLACK (/55) 9940 000 03396 POWER CORD SET BLACK (/78) 9940 000 03394 SPEAKER 3" 8 OHM
AZ1226	9940 000 01094	9940 000 01095							9965 000 16226 DOOR SWITCH 9940 000 00161 POWER CORD SET VDE

MODEL	AERIAL	BATTERY COVER	CASSETTE DOOR	CD DOOR	VOLUME CONTROL	TRANSFORMER ⚠	AC/DC ADAPTOR / CHARGER	REMOTE CONTROL	MISCELLANEOUS
AZ1220	9940 000 00149	9940 000 00145	9940 000 00143	9940 000 00144	9940 000 00151	9940 000 00154 9940 000 00153	120/230V 230V		9940 000 00148 CASS. DECK TK20FX-V682 9940 000 00147 CD DECK DA11B3N 9940 000 00146 HANDLE 9965 000 17017 POWER CORD SET BS 9965 000 16899 POWER CORD SET VDE 9940 000 00152 SPEAKER 8 OHM
AZ1301	9965 000 16396	9940 000 00065		9940 000 00138		9965 000 16957 9965 000 16897	120V 230V		9965 000 16884 CD DECK TCP11TM2P 9940 000 00139 HANDLE 9940 000 00141 HANDLE HINGE (L) 9940 000 00142 HANDLE HINGE (R) 2422 070 98152 POWER CORD SET UL 9965 000 16899 POWER CORD SET VDE 9965 000 16954 SPEAKER 8 OHM
AZ1303	9940 000 01687	9940 000 01686			9940 000 03664	9940 000 01691	120V		9940 000 01688 AC CORD SET CUL APP 6FT 9940 000 01689 CD MECHANISM DA11B3NF 9940 000 03869 AC CORD SET CNS APP 9940 000 03871 SH ABSORBER 658DA (RED) 9940 000 03872 SH ABSORBER 658DN (GREEN)
AZ1316	9940 000 01468	9940 000 01467				9940 000 01474 9940 000 01685	120/230V 120V	9940 000 01469	9940 000 01684 AC POWER CORD UL 9940 000 01475 AC POWER CORD VDE 9940 000 01472 CASSETTE DECK CS-21V-818FDS 9940 000 01471 CD MECHANISM KSM-213CJM
AZ1325	9965 000 16396	9940 000 00065				9965 000 16957	120V	9965 000 17018	2422 070 98152 POWER CORD SET UL
AZ1830	9940 000 03393	9940 000 05093		9940 000 05094	9965 000 17790	9940 000 05096	120/230V	9940 000 05095	9940 000 05097 5 FEET VDE POWER CORD 9940 000 03394 77MM SPEAKER 8 OHM 2W 4822 278 90739 CD DOOR SWITCH 1P2T LS-323-O 9940 000 03392 CD MECHANISM DA11B3VF
AZ1835	9940 000 03393	9940 000 05093						9940 000 05099	9940 000 05098 5 FEET UL APPROVAL CORD SET
AZ1836	9940 000 01687	9940 000 05091						9940 000 05092	9940 000 01688 AC CORD SET CUL APP 6FT
AZ2060	9940 000 00167	9940 000 00169	9940 000 00171	9940 000 00172		9940 000 00164	230V	9940 000 00166	9940 000 00165 CASS DECK TK20FX-V690 9940 000 00147 CD DECK DA11B3N 9965 000 07586 POWER CORD SET BS 9940 000 00161 POWER CORD SET VDE 9940 000 00162 SPEAKER 4 OHM 9940 000 00163 SPEAKER TWEETER
AZ2537	9940 000 01316	9940 000 01317						9940 000 01313	9940 000 01314 AC CORD SET VDE APP 2M 9940 000 01315 RCA PLUG CORD (YELLOW) 9940 000 01318 HANDLE 9940 000 03273 STAND
AZ3067	9940 000 00167	9940 000 01383						9940 000 01384	9940 000 00161 5 FEET VDE POWER CORD

MODEL	AERIAL	BATTERY COVER	CASSETTE DOOR	CD DOOR	VOLUME CONTROL	TRANSFORMER ⚠	AC/DC ADAPTOR / CHARGER	REMOTE CONTROL	MISCELLANEOUS
MCR140		9940 000 02871				9940 000 02872			9940 000 02873 CLOCK LED DISPLAY 1.4" GREEN
MCR230		9965 000 06711		9965 000 17166					9965 000 17167 CD DOOR SPRING
MCS220	9965 000 17174	9965 000 17175		9965 000 17176					9965 000 17177 BRACKET-HANDLE 9965 000 17178 CD DOOR SPRING 9965 000 17173 POWER CORD 9965 000 17172 TRANSFORMER 120V
MCS225	9940 000 01687	9940 000 02032	9940 000 02033	9940 000 02034		9940 000 01697	120/230V		9940 000 01692 AC CORD SET Brazil 9940 000 01693 CASSETTE DECK CS-21V-225 9940 000 02036 CD MECHANISM DA11V 9940 000 02035 HANDLE
MCS230	9940 000 02364	9940 000 02466	9940 000 02468	9940 000 02467	9965 000 17790	9940 000 02365	120/230V		9940 000 02363 CASS MECH CS-21V -818D 9940 000 01454 CD MECHANISM DA11B3N 9940 000 02362 SPEAKER 3" 8 OHM 2W
MCS240	9940 000 03623	9940 000 03624		9940 000 03625	9940 000 03631	9965 000 17021	120/230V		9940 000 03629 BAND SWITCH : SST-63D01-G9-NS 9940 000 03627 CD DECK DA11B3VF 9940 000 03626 CD DOOR SPRING 9965 000 16882 CUSHION 658PG (BLACK) 9965 000 16883 CUSHION 658PH (GREY) 9940 000 03619 HANDLE 9940 000 03621 HANDLE HINGE-L 9940 000 03622 HANDLE HINGE-R 9940 000 03628 SPEAKER 3 1/2" 8 OHM 2W 9965 000 13705 TACT SWITCH : DT4113C 9940 000 00553 VDE POWER CORD SET
MCS246	9940 000 04991	9940 000 03624	9940 000 05001	9940 000 05002	9940 000 03631	9965 000 17021	120/230V		9940 000 04998 CASS DOOR SPRING 9940 000 04989 CASS. DECK : CS-21V-818FDT 9940 000 03627 CD DECK DA11B3VF 9940 000 03626 CD DOOR SPRING 9965 000 16882 CUSHION 658PG (BLACK) 9965 000 16883 CUSHION 658PH (GREY) 9940 000 03619 HANDLE 9940 000 03621 HANDLE HINGE-L 9940 000 03622 HANDLE HINGE-R 9940 000 04999 SPEAKER : 3 1/2" 8 OHM 2W 9965 000 13705 TACT SWITCH : DT4113C 9940 000 05003 VDE CORD: 10A 250V
PSS010							/00 9940 000 00219 /01 9940 000 00228 /05 9940 000 00229 /17 9940 000 00238	9940 000 00223	