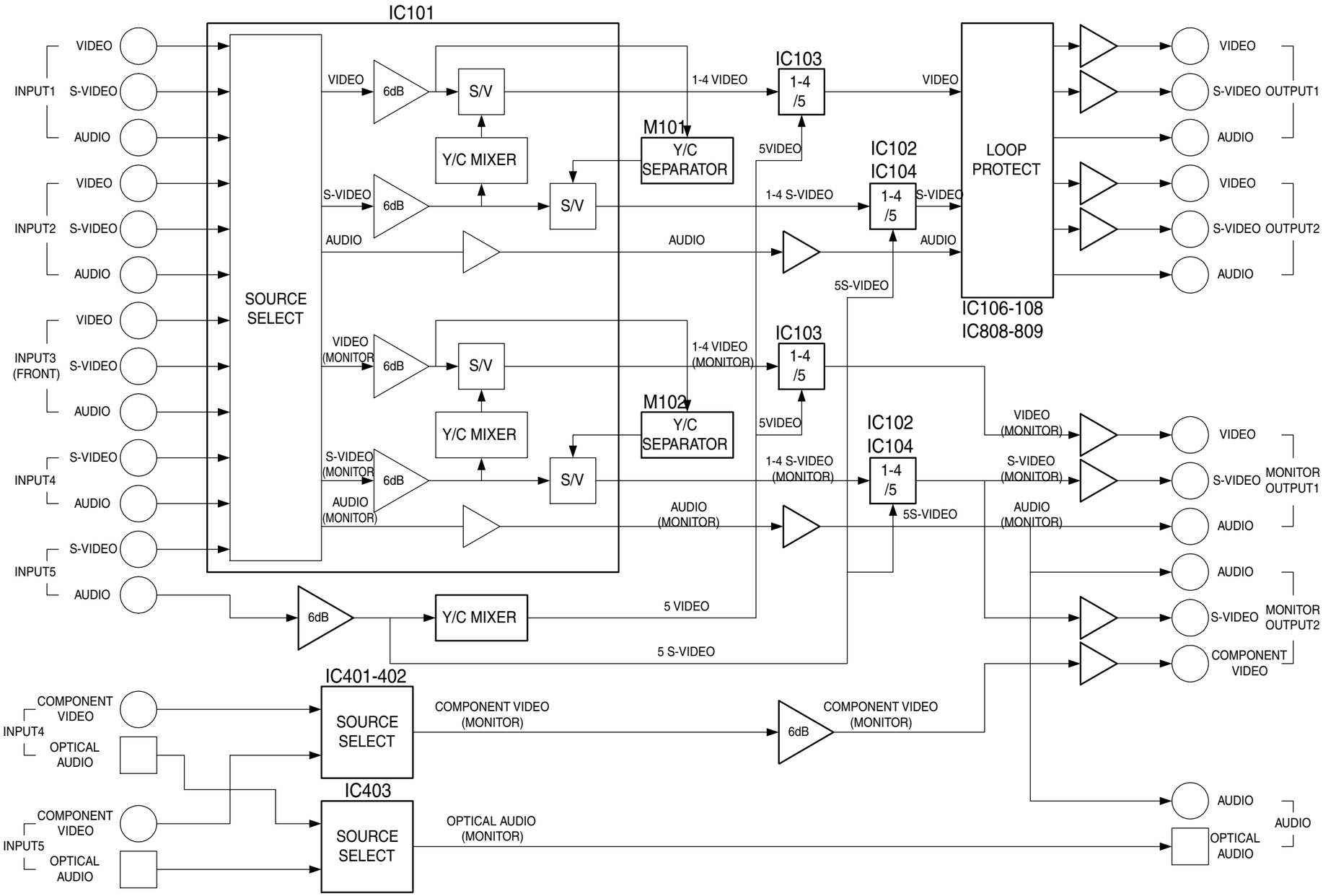
Block Diagrams

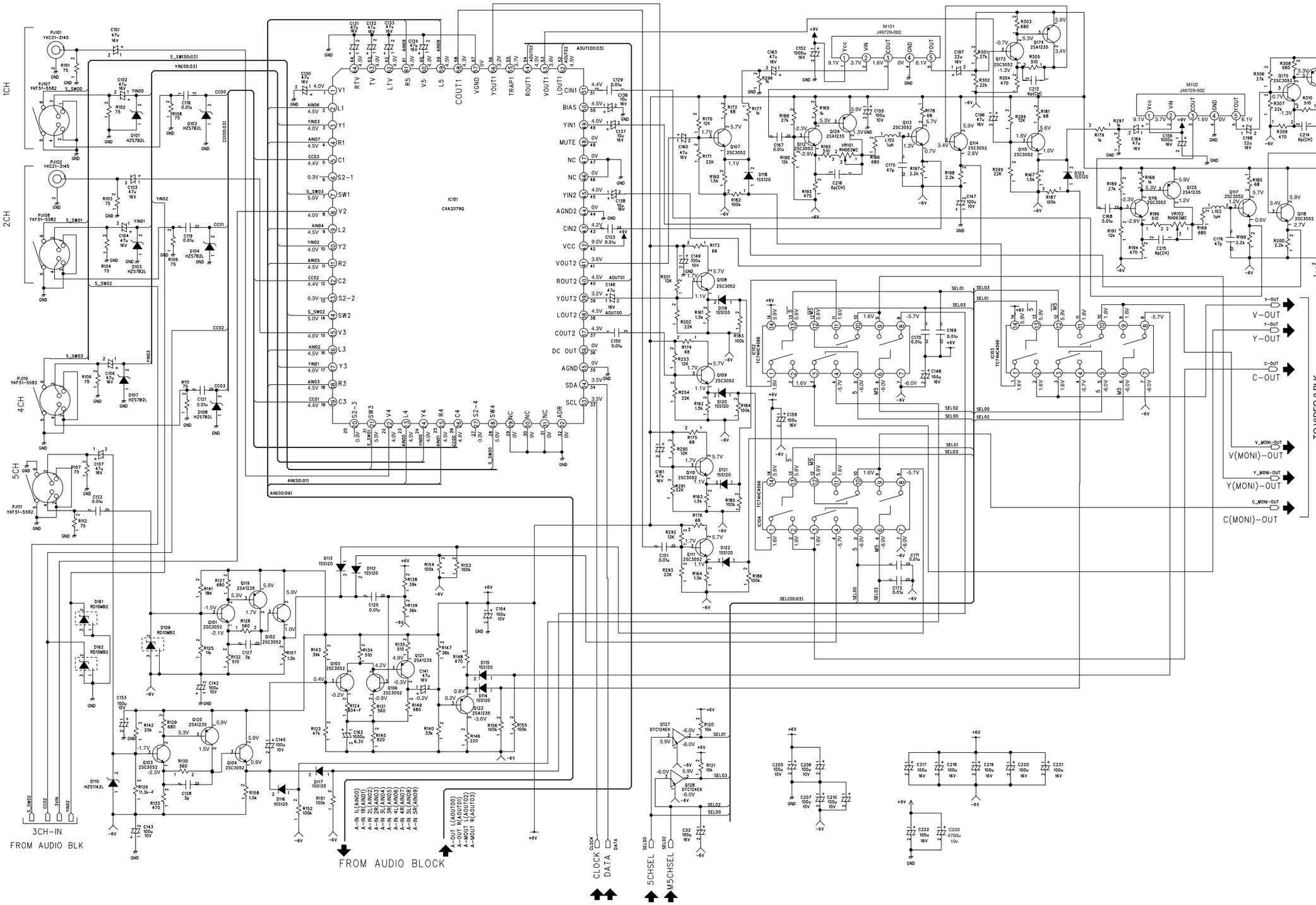


Schematic Diagrams

■ VIDEO 1 BLOCK

Notes on this schematic diagram

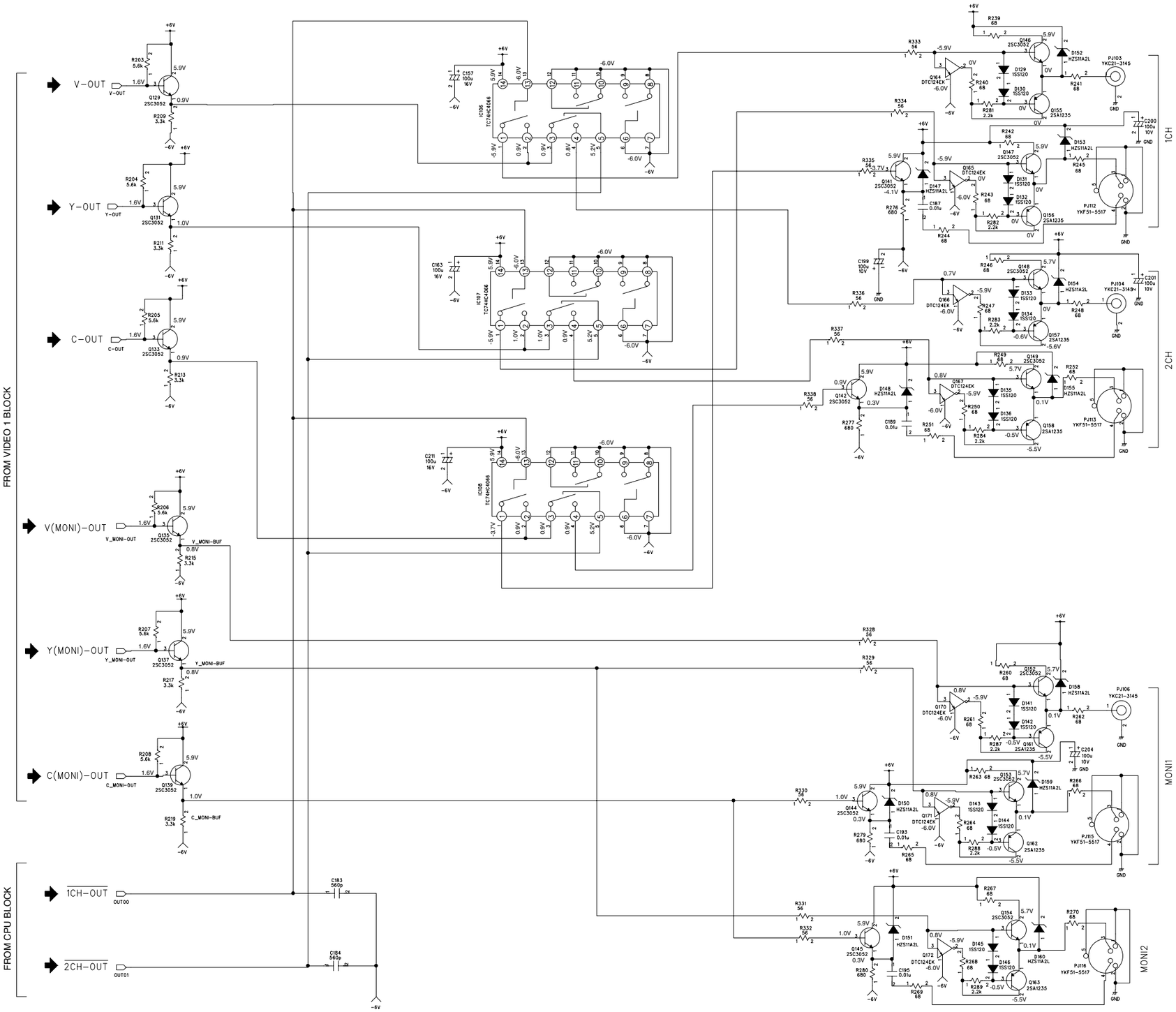
1. Values are voltages measured with a circuit tester (internal resistance: 20 kΩ/V) at respective points of the circuits with the power switch turned on.
2. The circuit diagram printed in this service manual is just a standard. The circuitry and circuit constants are subject to change for improvement without notice.



■ VIDEO 2 BLOCK

Notes on this schematic diagram

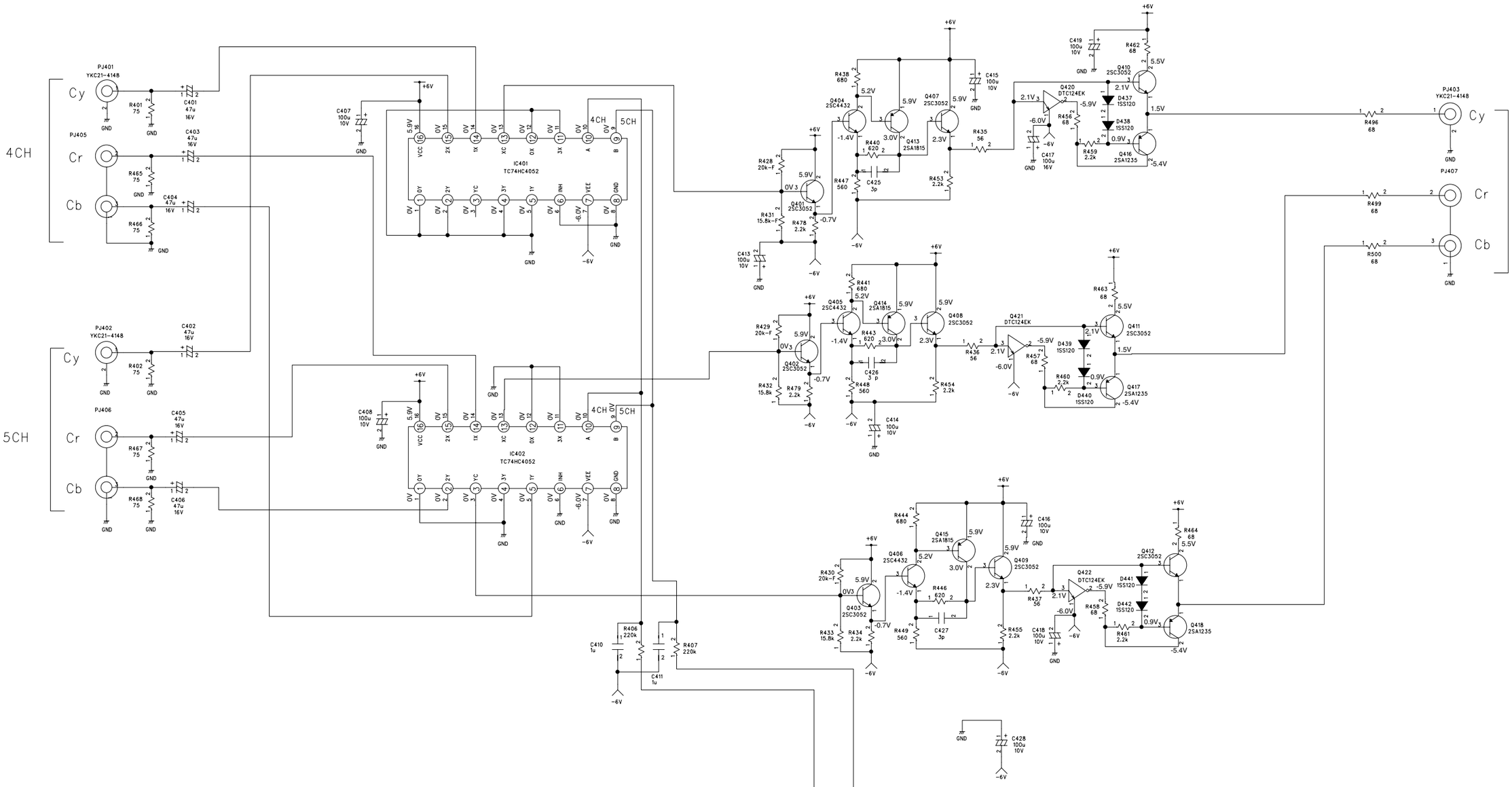
1. Values are voltages measured with a circuit tester (internal resistance: 20 kΩ/V) at respective points of the circuits with the power switch turned on.
2. The circuit diagram printed in this service manual is just a standard. The circuitry and circuit constants are subject to change for improvement without notice.



■ COMPONENT BLOCK

Notes on this schematic diagram

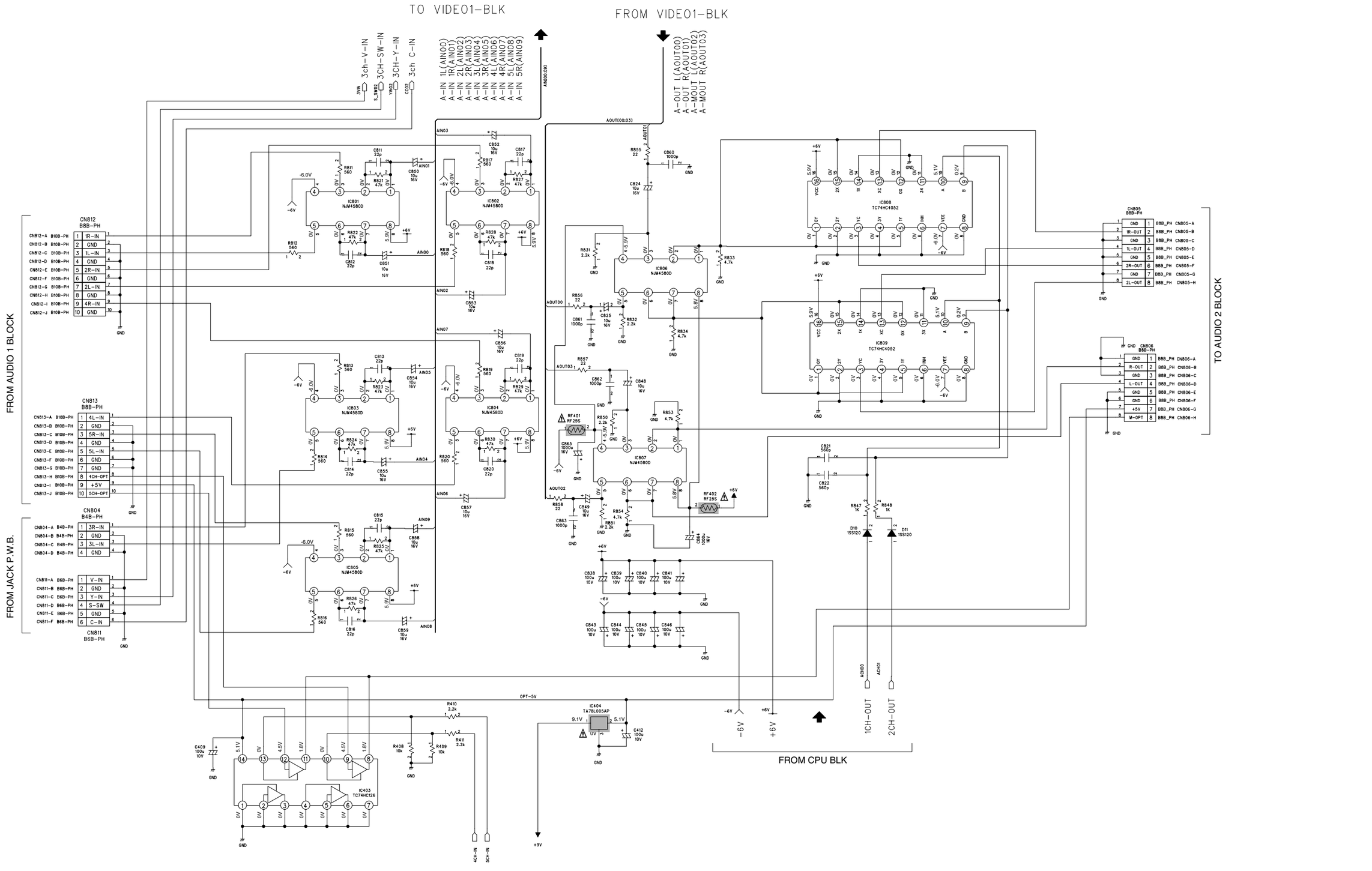
1. Values are voltages measured with a circuit tester (internal resistance: 20 kΩ/V) at respective points of the circuits with the power switch turned on.
2. The circuit diagram printed in this service manual is just a standard. The circuitry and circuit constants are subject to change for improvement without notice.



■ AUDIO BLOCK

Notes on this schematic diagram

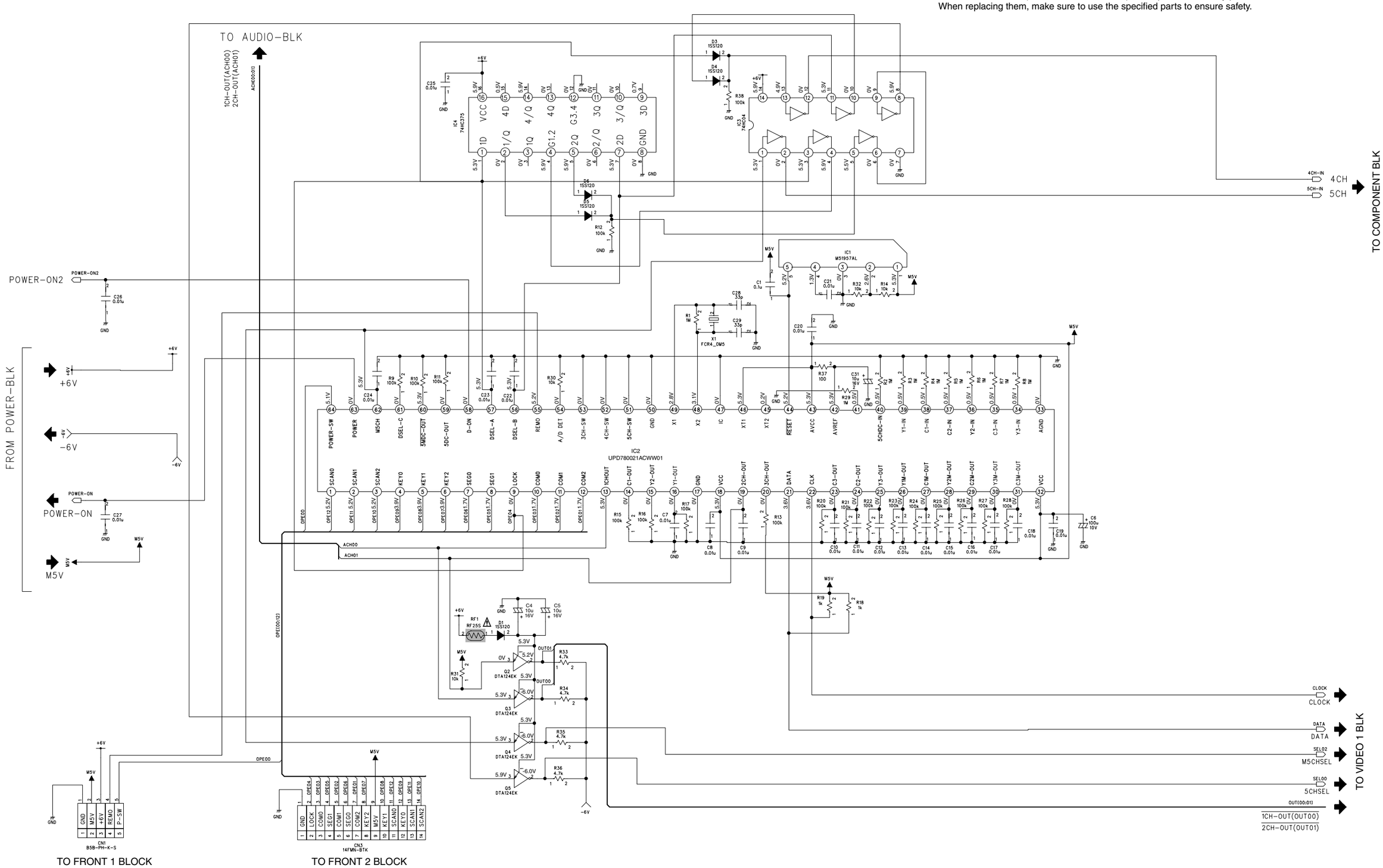
1. Values are voltages measured with a circuit tester (internal resistance: 20 kΩ/V) at respective points of the circuits with the power switch turned on.
2. The circuit diagram printed in this service manual is just a standard. The circuitry and circuit constants are subject to change for improvement without notice.
3. Parts marked with ⚠ (in the shaded area) are important as safety parts. When replacing them, make sure to use the specified parts to ensure safety.



■ CPU BLOCK

Notes on this schematic diagram

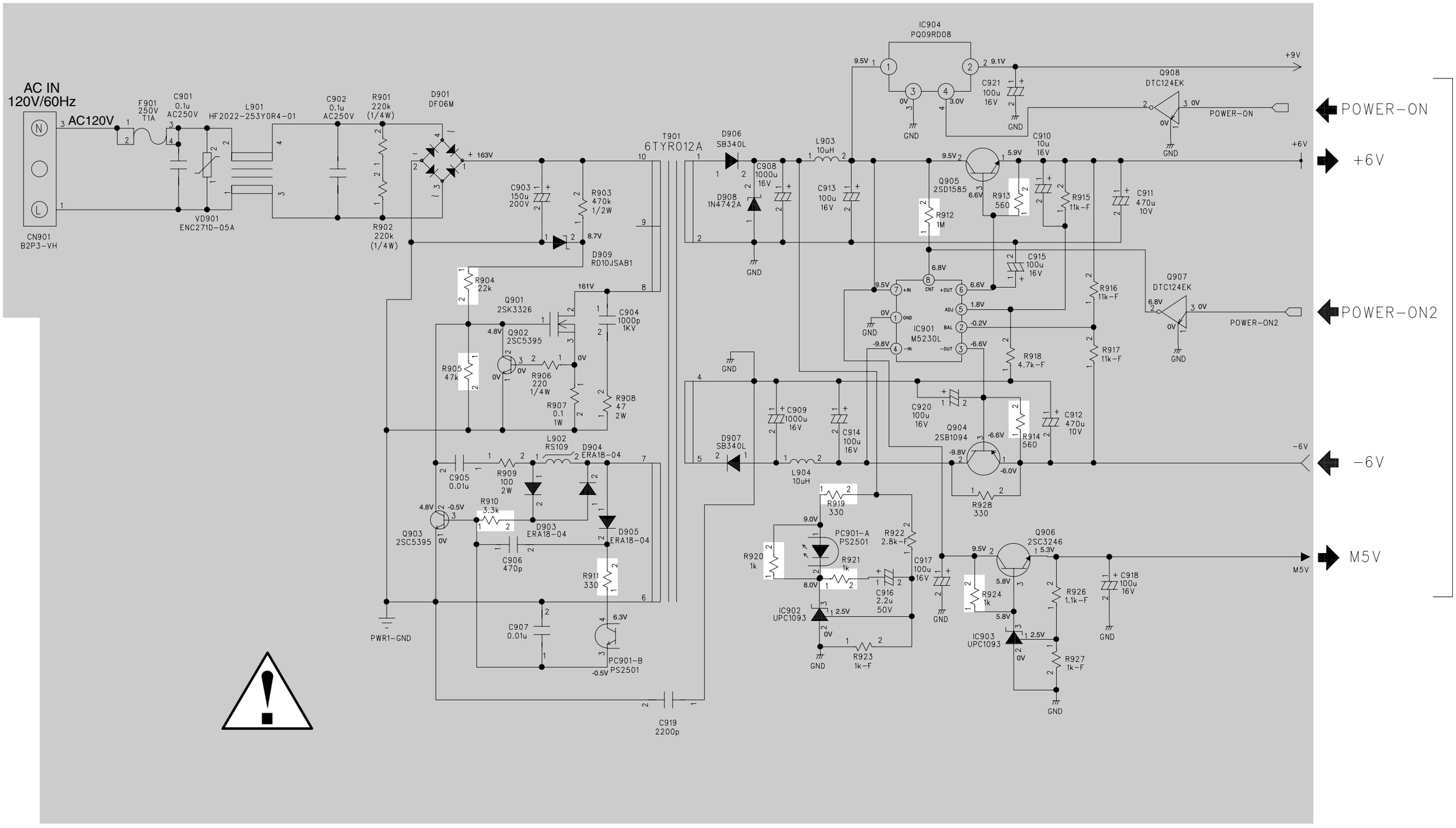
1. Values are voltages measured with a circuit tester (internal resistance: 20 kΩ/V) at respective points of the circuits with the power switch turned on.
2. The circuit diagram printed in this service manual is just a standard. The circuitry and circuit constants are subject to change for improvement without notice.
3. Parts marked with ⚠ (in the shaded area) are important as safety parts. When replacing them, make sure to use the specified parts to ensure safety.



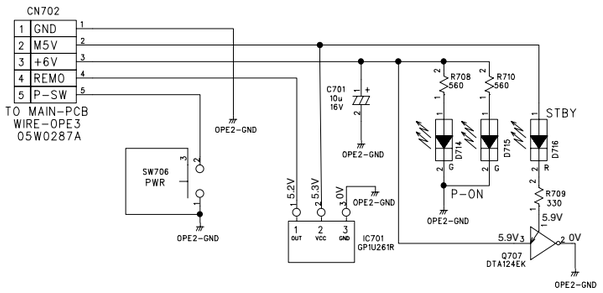
■ POWER BLOCK

Notes on this schematic diagram

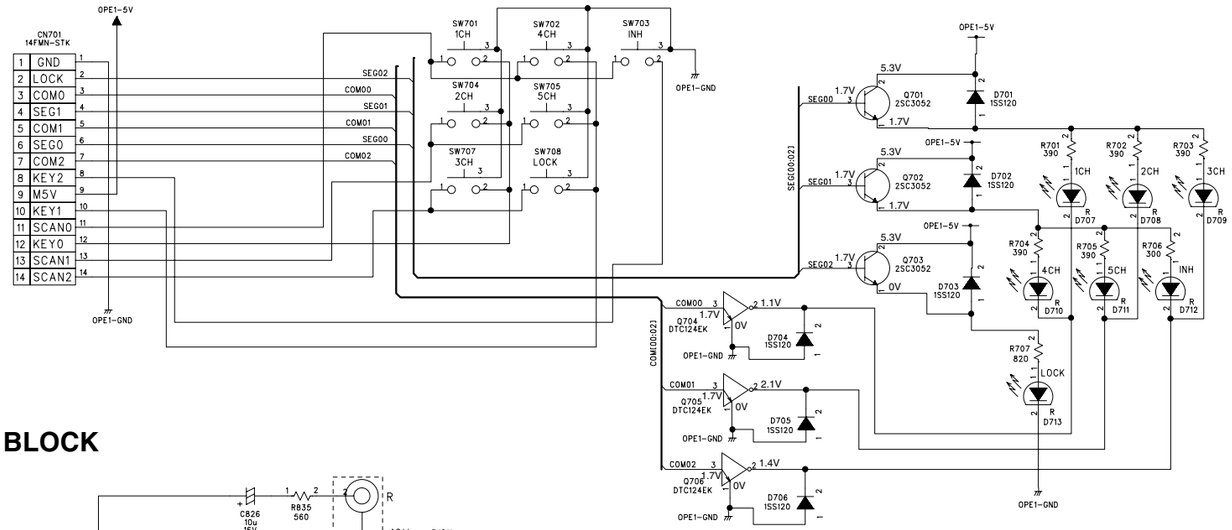
1. Values are voltages measured with a circuit tester (internal resistance: 20 kΩ/V) at respective points of the circuits with the power switch turned on.
2. The circuit diagram printed in this service manual is just a standard. The circuitry and circuit constants are subject to change for improvement without notice.
3. Parts marked with ⚠ (in the shaded area) are important as safety parts. When replacing them, make sure to use the specified parts to ensure safety.



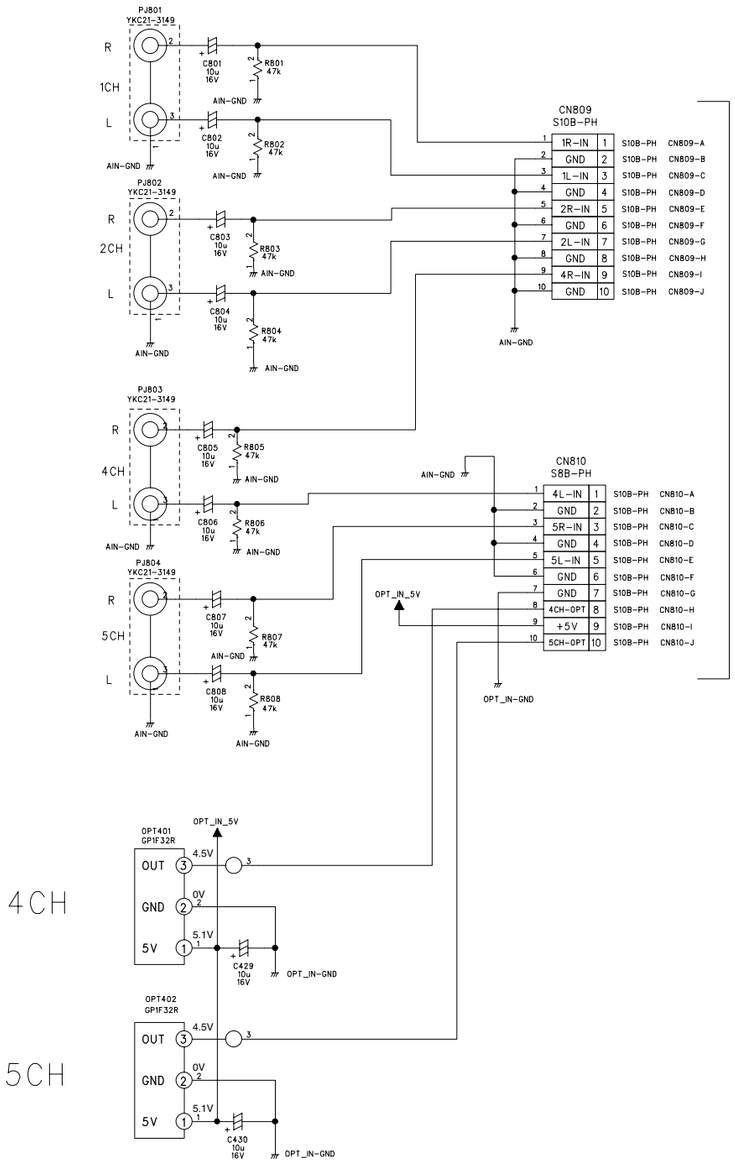
■ FRONT 1 BLOCK



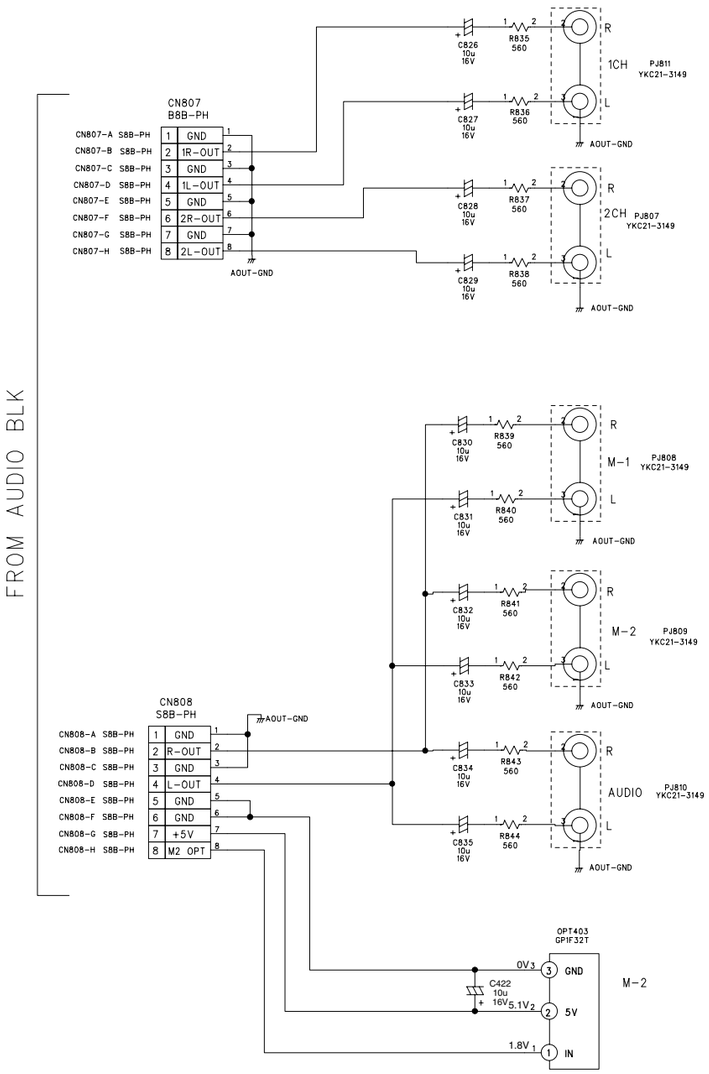
■ FRONT 2 BLOCK



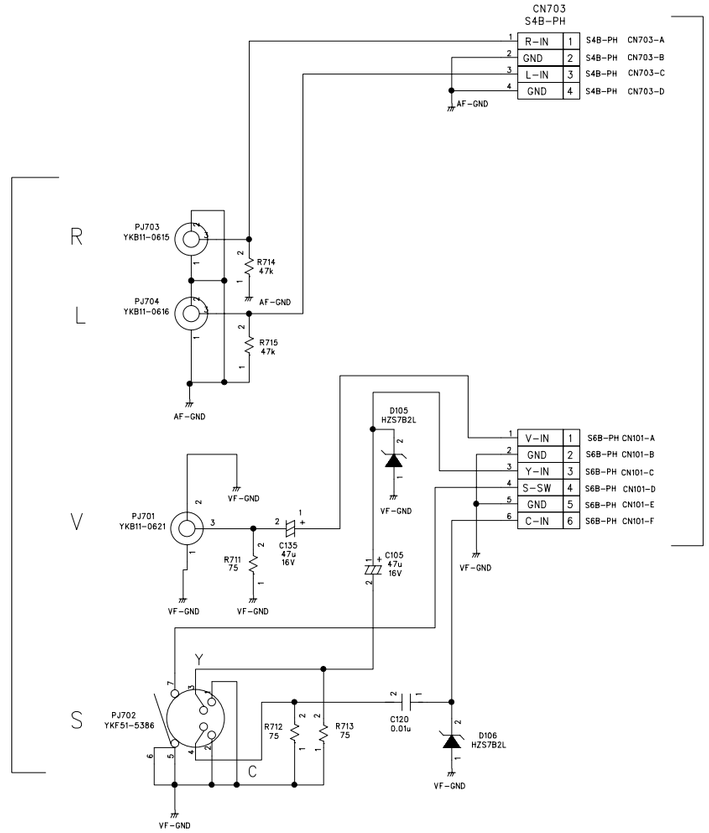
■ AUDIO 1 BLOCK



■ AUDIO 2 BLOCK



■ JACK P.W.B.



Circuit Boards

■ MAIN BOARD (J22026-001)

■ MAIN BOARD

Symbol No.	Address
IC	
IC1	C4
IC101	I2
IC102	H4
IC103	H5
IC104	G4
IC106	C2
IC107	C2
IC108	D2
IC2	C5
IC3	D4
IC4	C4
IC401	E1
IC402	F1
IC403	C3
IC404	E5
IC801	F3
IC802	F3
IC803	F4
IC804	F4
IC805	F4
IC806	E4
IC807	E4
IC808	E3
IC809	D3
IC901	A5
IC902	B5
IC903	B6
IC904	A6
Transistor	
Q101	F1
Q102	G1
Q103	G1
Q104	G2
Q105	G2
Q106	G1
Q107	I3
Q108	H3
Q109	G3
Q110	H3
Q111	G3
Q112	I4
Q113	I3
Q114	I4
Q115	H3
Q116	I5
Q117	I4
Q118	I5
Q119	F1
Q120	G1
Q121	G2
Q122	G2
Q124	I4
Q125	I5
Q127	G5
Q128	G5
Q129	H5
Q131	H4
Q133	G4
Q135	H5
Q137	H4
Q139	G4
Q141	E1
Q142	D1
Q144	C1
Q145	B1
Q146	D1
Q147	D1
Q148	C1
Q149	D1
Q152	C1
Q153	C1
Q154	B1
Q155	D1
Q156	D1
Q157	C1
Q158	D1
Q161	C1
Q162	C1
Q163	B1
Q164	D1
Q165	D1
Q166	C1
Q167	C1
Q170	C1
Q171	C1
Q172	B1
Q173	I4
Q174	I4
Q175	I5
Q176	I5
Q2	C4
Q3	C4
Q4	C4
Q401	E2
Q402	E2
Q403	F2
Q404	E2
Q405	E2
Q406	F2
Q407	E2
Q408	E2
Q409	F2
Q410	B1
Q411	A1
Q412	A1
Q413	E2
Q414	E2
Q415	F2
Q416	B1
Q417	A1
Q418	A1
Q420	B1
Q421	A1
Q422	A1
Q5	D4
Q901	A4
Q902	B4
Q903	B4
Q904	B5
Q905	A5
Q906	A6
Q907	A5
Q908	B5
Diode	
D1	B5
D10	E5
D101	I1
D102	I1
D103	H1
D104	I1
D107	G1
D108	H1
D109	F1
D11	E5
D110	F1
D112	G1
D113	G1
D114	G2
D115	G2
D116	G2
D117	G2
D118	I3
D119	H3
D120	G3
D121	H3
D122	G3
D123	H3
D129	D1
D130	D1
D131	D1
D132	D1
D133	C1
D134	C1
D135	D1
D136	D1
D141	C1
D142	C1
D143	C1
D144	C1
D145	B1
D146	B1
D147	D1
D148	D1
D150	C1
D151	B1
D152	D1
D153	D1
D154	D1
D155	D1
D158	C1
D159	C1
D160	B1
D161	H1
D162	H1
D3	D4
D4	D4
D437	B1
D438	B1
D439	A1
D440	A1
D441	A1
D442	A1
D5	C4
D6	C4
D901	A3
D903	B4
D904	B4
D905	B4
D906	A5
D907	A5
D908	A5
D909	A4
Resistor	
R1	C5
R10	C5
R101	I1
R102	I1
R103	H1
R104	H1
R106	G1
R107	F1
R108	I1
R109	H1
R11	C5
R111	H1
R112	G1
R12	D4
R120	H5
R121	H5
R123	G2
R124	G2
R125	G1
R126	F1
R127	F1
R128	G1
R129	G1
R13	C5
R130	G2
R131	G1
R132	G1
R133	F1
R134	G2
R135	G2
R138	G1
R139	G1
R14	C5
R140	G2
R141	F1
R142	F1
R143	G2
R145	G1
R146	G2
R147	G2
R148	G2
R149	G2
R15	C5
R151	G2
R152	G2
R153	G1
R154	G1
R155	G2
R156	G2
R157	G1
R158	G2
R16	C5
R160	I3
R161	H3
R162	G3
R163	H3
R164	G3
R165	I4
R166	I3
R167	I3
R168	I5
R169	I5
R17	C5
R170	I3
R171	I3
R172	I3
R173	H3
R174	G3
R175	H3
R176	H3
R177	I3
R178	I4
R179	I5
R18	C5
R180	I4
R181	H3
R182	I3
R183	H3
R184	G3
R185	H3
R186	G3
R187	H3
R188	I4
R189	I5
R19	C5
R190	I4
R191	I5
R193	I4
R194	I5
R195	I4
R196	I5
R197	I3
R198	I4
R199	I4
R2	D5
R20	D5
R200	I5
R201	H3
R202	H3
R203	H5
R204	H4
R205	G4
R206	H5
R207	H4
R208	G4
R209	H5
R21	D5
R211	H4
R213	G4
R215	H5
R217	H4
R219	G4
R22	D5
R23	D5
R239	D1
R24	D5
R240	D1
R241	D1
R242	D1
R243	D1
R244	E1
R245	D1
R246	D1
R247	C1
R248	D1
R249	D1
R25	D5
R250	D1
R251	D1
R252	D1
R253	G3
R254	G3
R26	D5
R260	C1
R261	C1
R262	C1
R263	C1
R264	C1
R265	C1
R266	C1
R267	B1
R268	B1
R269	B1
R27	D5
R270	B1
R276	E1
R277	D1
R279	C1
R28	D5
R280	B1
R281	D1
R282	D1
R283	D1
R284	D1
R287	C1
R288	C1
R289	B1
R29	D5
R290	H3
R291	H3
R292	H3
R293	G3
R294	H3
R295	I3
R296	I4
R297	I5
R3	D5
R30	C5
R301	I4
R302	I4
R303	I4
R304	I4
R305	I4
R306	I5
R307	I5
R308	I5
R309	I5
R310	I5
R32	C5
R328	C2
R329	C2
R33	C4
R330	C2
R331	B2
R332	B2
R333	D2
R334	D2
R335	E2
R336	C2
R337	D2
R338	D2
R34	C4
R35	H5
R36	H5
R37	D5
R38	D4
R4	D5
R401	G1
R402	F1
R406	E3
R407	E3
R408	C3
R409	C3
R410	C3
R411	C3
R428	E2
R429	E2
R430	F2
R431	E2
R432	E2
R433	F2
R434	F2
R435	B2
R436	A2
R437	A2
R438	E2
R440	E2
R441	E2
R444	F2
R446	F2
R447	E2
R448	E2
R449	F2
R453	E2
R454	E2
R455	F2
R456	B1
R457	A1
R458	A1
R459	B1
R460	A1
R461	A1
R462	B1
R463	A1
R464	A1
R465	G1
R466	G1
R467	F1
R468	F1
R478	E2
R479	E2
R496	B1
R499	A1
R5	D5
R500	B1
R6	D5
R7	D5
R8	D5
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R814	F4
R815	F3
R816	F4
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R818	E3
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R830	F4
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R832	E4
R833	E4
R834	E4
R847	E4
R848	E4
R850	E5
R851	E4
R853	E4
R854	E4
R855	F4
R856	F4
R857	F4
R858	F4
R9	C5
R901	A3
R902	A3
R903	A4
R904	A4
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R907	B4
R908	B4
R909	B4
R910	B4
R911	B4
R912	A5
R913	A5
R914	B5
R915	A5
R916	A5
R917	A5
R918	A5
R919	B4
R920	B4
R921	B5
R922	B4
R923	B5
R924	A6
R926	B5
R927	B6
R928	B5
Condenser	
C1	C5
C10	C5
C101	I1
C102	I1
C103	H1
C104	H1
C106	H1
C107	F1
C11	C5
C118	I1
C119	H1
C12	D5
C121	H1
C122	F1
C123	I2
C125	G1
C127	G1
C128	G2
C129	H2
C13	D5
C130	H2
C131	H2
C132	H2
C133	H2
C134	H2
C136	I2
C137	I3
C138	I3
C14	D5
C140	G2
C141	G2
C142	G1
C143	F1
C145	I5
C146	H3
C147	I4
C148	H5
C149	H4
C15	D5
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C151	H3
C152	I4
C153	F1
C154	G2
C155	I4
C156	I5
C157	C2
C159	G4
C16	D5
C160	I3
C161	H3
C162	G1
C163	D2
C164	I5
C165	I4
C167	I4
C168	I5
C169	G5
C17	D5
C170	G5
C171	F5
C172	F5
C175	I3
C176	I4
C18	D5
C183	C3
C184	C2
C187	E1
C189	D1
C19	D5
C193	C1
C195	B1
C196	H3
C197	I4
C198	I5
C199	E1
C20	C5
C200	D2
C201	D2
C204	C2
C205	I3
C206	H4
C207	I3
C21	C5
C210	H4
C211	D2
C213	I4
C214	I5
C215	I5
C216	I4
C217	H5
C218	H4
C219	H3
C22	C5
C220	G3
C221	H4
C222	I2
C223	I2
C23	C5
C24	C5
C25	C5
C26	B5
C27	B5
C28	C5
C29	C5
C31	D5
C4	B5
C401	G1
C402	E1
C403	G1
C404	G1
C405	E1
C406	F1
C407	E2
C408	F2
C409	B3
C410	E2
C411	E2
C412	D5
C413	E1
C414	F2
C415	F2
C416	F2
C417	B1
C418	A1
C419	B2
C425	E2
C426	E2
C427	F2
C428	F2
C5	D4
C6	D5
C7	C5
C8	C5
C811	F3
C812	F3
C813	F4
C814	F4
C815	F3
C816	F4
C817	F3
C818	F3
C819	F3
C820	F4
C821	E4
C822	E4
C824	E4
C825	E4
C838	F3
C839	F4
C840	E3
C841	F4
C843	F3
C844	F3
C845	F4
C846	E4
C848	E5
C849	E4
C850	I1
C851	I1
C852	H1
C853	F2
C854	F2
C855	F2
C856	H1
C857	F2
C858	F3
C859	F3
C860	F4
C861	F4
C862	F4
C863	F4
C864	E4
C865	E4
C9	C5
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C902	A3
C903	A3
C904	A4
C905	B4
C906	B4
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C912	B5
C913	A6
C914	B5
C915	A5
C916	B4
C917	A5
C918	B6
C919	A4
C920	B5
C921	A6
Oters	
CJ101	I1
CJ102	I1
CJ103	H1
CJ104	H1
CJ105	G2
CJ106	I3
CJ107	H5
CJ108	H5
CJ110	H4
CJ111	H4
CJ112	G4
CJ113	G4
CJ116	G5
CJ117	F5
CJ118	F4
CJ119	F4
CJ120	F4
CJ121	F4
CJ122	F4
CJ123	F4
CJ124	F4
CJ125	E3
CJ126	E4
CJ127	E4
CJ128	E3
CJ129	E3
CJ130	D3
CJ131	D3
CJ132	D3
CJ133	D3
CJ134	D3
CJ135	D3
CJ138	F1
CJ139	E2
CJ140	B1
CJ147	C3
CJ148	C3
CJ149	D4
CJ150	D5
CJ151	C5
CJ152	C5
CJ154	E1
CJ155	C6
CJ156	C4
CJ157	I3
CJ158	C3
CJ159	D5
CJ160	D5
CJ161	D5
CJ162	C5
CJ163	C5
CJ164	C5
CJ165	C5
CJ167	D4
CN1	B5
CN3	C5
CN804	F4
CN805	E3
CN806	D3
CN811	H1
CN812	F3
CN813	E3
CN901	B3
F901	A3
J102	A1
J103	A1
J105	A2
J107	A1
J108	B2
J109	B1
J110	B1
J111	B1
J112	B1
J113	B1
J114	B2
J115	C1
J116	C2
J117	B2
J118	B2
J119	B2
J120	B2
J121	C2
J122	C1
J123	C2
J125	C2
J126	C2
J127	C2
J128	C2
J129	C2
J130	C2
J131	D2
J132	C2
J133	C2
J134	C2
J135	D2
J136	D2
J137	D2
J138	D2
J139	D2
J140	D2
J141	E2
J142	E2
J143	E1
J144	D2
J145	D2
J146	D2
J147	D2
J148	A4
J149	A4
J150	A5
J151	A5
J152	B5
J153	B5
J154	A5
J155	A6
J156	B6
J157	B6
J158	B6
J159	B6
J160	B5
J161	B5
J162	C6
J163	C6
J164	C3
J165	C3
J166	C3
J167	C3
J168	C3
J169	D3
J170	D3
J171	D3
J172	C3
J173	C3
J174	C3
J175	D3
J176	C3
J177	D3
J178	C4
J179	C4
J180	C4
J181	D4
J182	D3
J183	D4
J184	C4
J185	C4
J186	C4
J187	C4
J188	C4
J189	C4
J190	C4
J191	C4
J192	C4
J193	C4
J194	B4
J195	B4
J196	B5
J197	C5
J198	B5
J199	B5
J200	B5
J201	C5
J202	D5
J203	C5
J204	D5
J205	D5
J206	D4
J207	D4
J208	E4
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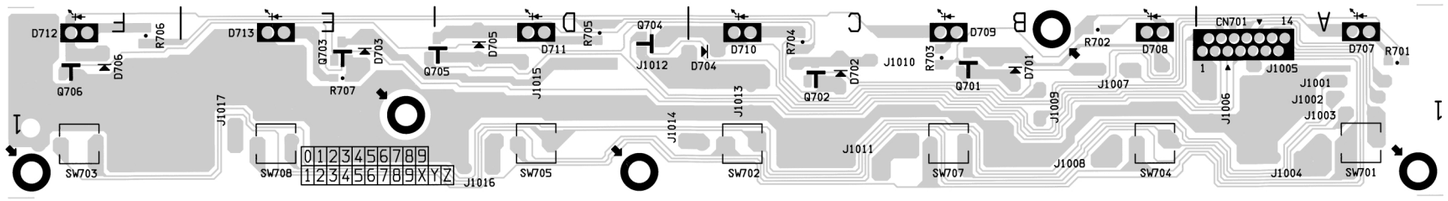
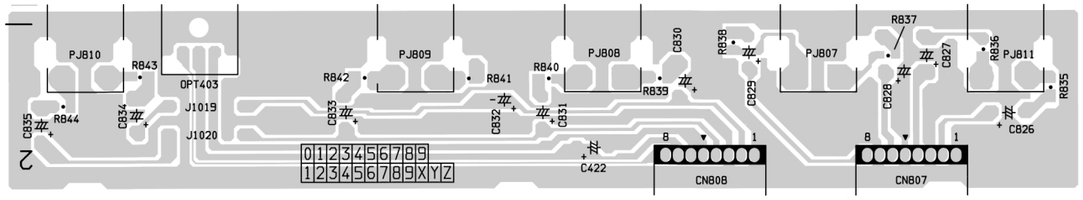
J213	E4
J214	E5
J215	E5
J216	E5
J217	E5
J220	D6
J221	D6
J222	D6
J223	E5
J224	E4
J225	E4
J226	F4
J227	F4
J228	F4
J229	F4
J230	F5
J231	F5
J232	F5
J233	F6
J236	E2
J237	F2
J238	F2
J239	E2
J240	E2
J241	E2
J242	F2
J243	F2
J244	E2
J245	E2
J246	F2
J247	E2
J248	E2
J249	E2
J250	D3
J251	E3
J252	E3
J253	E3
J254	E3
J255	E3
J256	E3
J257	E3
J258	E3
J259	E3
J260	F3
J261	F3
J262	F3
J263	F3
J264	F3
J265	F3
J266	F3
J267	E3
J268	E3
J269	F3
J270	E4
J271	F4
J272	F4
J273	E4
J274	F1
J275	F1
J276	F1
J277	F1
J278	F1
J279	F1
J280	G2
J281	H1
J282	H1
J283	H1
J284	H1
J285	I1
J286	I2
J287	G2
J288	G2
J289	H2
J290	G2
J291	H2
J292	G2
J293	G2
J294	G2
J295	G2
J296	G2
J297	G2
J298	G3
J299	G3
J300	G3
J301	G3
J302	G3
J303	I2
J304	I2
J305	I2
J306	H2
J307	H2
J308	I2
J309	I2
J310	I3
J311	I3
J312	H2
J313	H2
J314	H2
J315	H2
J316	H3
J317	G3
J318	H3
J319	I3
J320	H3
J321	H3
J322	H3
J323	H3
J325	H3
J327	G3
J328	G3
J329	G3
J330	G4
J331	G4
J332	H3
J333	H4
J334	H4
J335	H4
J336	H4
J337	H4
J338	G5
J339	G4
J340	G4
J341	G4
J342	G4
J343	G5
J344	G5
J345	G5
J346	G4
J347	G5
J348	G5
J349	G4
J350	G4
J351	G5
J352	G5
J353	G5
J354	G5
J355	G5
J356	G5
J357	H5
J358	G4
J359	H5
J360	H5
J361	H4
J362	H5
J363	H4
J364	H4
J365	H4
J366	H4
J367	H5
J368	H5
J369	I5
J370	H5
J371	I5
J372	I4
J373	I5
J374	F1
J375	F1
J376	C3
J377	I4
J378	D6
J379	D6
L102	I3
L103	I4
L901	A3
L902	B4
L903	A5
L904	A5
M101	I4
M102	I5
PC901	B4
PJ101	I1
PJ102	H1
PJ103	D1
PJ104	D1
PJ106	C1
PJ107	I1
PJ108	H1
PJ110	H1
PJ111	F1
PJ112	E1
PJ113	D1
PJ115	C1
PJ116	B1
PJ401	G1
PJ402	F1
PJ403	B1
PJ405	G1
PJ406	F1
PJ407	B1
RF1	B5
RF401	E4
RF402	E3
T901	A4
VD901	B3
VR101	I3
VR102	I5
X1	C5

■ SUB BOARD (J33641-001)

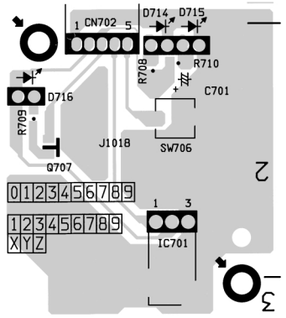
• FRONT 2 BOARD



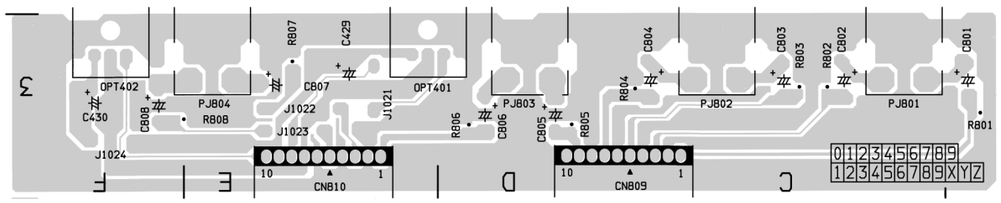
• AUDIO 2 BOARD



• FRONT 1 BOARD

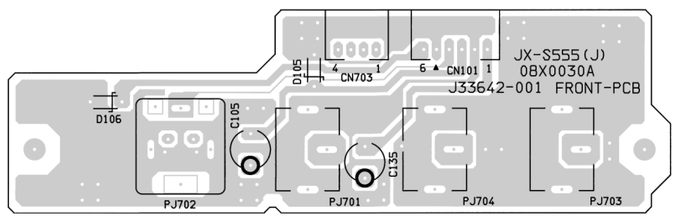


• AUDIO 1 BOARD

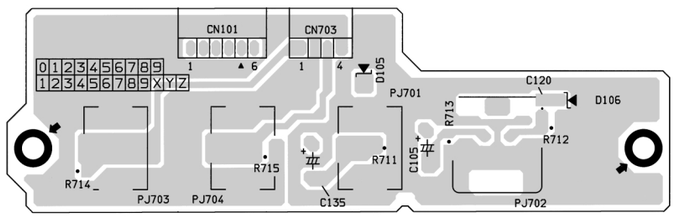


■ JACK BOARD (J33642-001)

PARTS SIDE



SOLDER SIDE



■ SUB BOARD

Symbol No.	Address
IC	
IC701	A2
Transistor	
Q701	B1
Q702	C1
Q703	E1
Q704	D1
Q705	D1
Q706	F1
Q707	A2
Diode	
D701	B1
D702	C1
D703	E1
D704	C1
D705	D1
D706	F1
D707	A1
D708	B1
D709	B1
D710	C1
D711	D1
D712	F1
D713	E1
D714	A2
D715	A2
D716	B2
Resistor	
R701	A1
R702	B1
R703	C1
R704	C1
R705	D1
R706	F1
R707	E1
R708	A2
R709	A2
R710	A2
R801	B3
R802	C3
R803	C3
R804	D3
R805	D3
R806	D3
R807	E3
R808	F3
R835	B2
R836	B2
R837	C2
R838	C2
R839	D2
R840	D2
R841	D2
R842	E2
R843	F2
R844	F2
Condenser	
C422	D2
C429	E3
C430	F3
C701	A2
C801	B3
C802	C3
C803	C3
C804	D3
C805	D3
C806	D3
C807	E3
C808	F3
C826	B2
C827	C2
C828	C2
C829	C2
C830	D2
C831	D2
C832	D2
C833	E2
C834	F2
C835	F2

Others	
CN701	A1
CN702	A2
CN807	C2
CN808	C2
CN809	D3
CN810	E3
J1001	A1
J1002	A1
J1003	A1
J1004	A1
J1005	A1
J1006	A1
J1007	B1
J1008	B1
J1009	B1
J1010	C1
J1011	C1
J1012	C1
J1013	C1
J1014	D1
J1015	D1
J1016	D1
J1017	E1
J1018	A2
J1019	E2
J1020	E2
J1021	E3
J1022	E3
J1023	E3
J1024	F3
OPT401	E3
OPT402	F3
OPT403	E2
PJ801	C3
PJ802	C3
PJ803	D3
PJ804	E3
PJ807	C2
PJ808	D2
PJ809	E2
PJ810	F2
PJ811	B2
SW701	A1
SW702	C1
SW703	F1
SW704	B1
SW705	D1
SW706	A2
SW707	B1
SW708	E1