

SERVICE MANUAL MODEL: DKS-6000/6001 DKS-6100/6101



DVD KARAOKE SYSTEM SERVICE MANUAL

REVISE (PCB)



DKS-6000/DKS-6001



DKS-6100/DKS-6101

**MODEL: DKS-6000/6001
DKS-6100/6101**

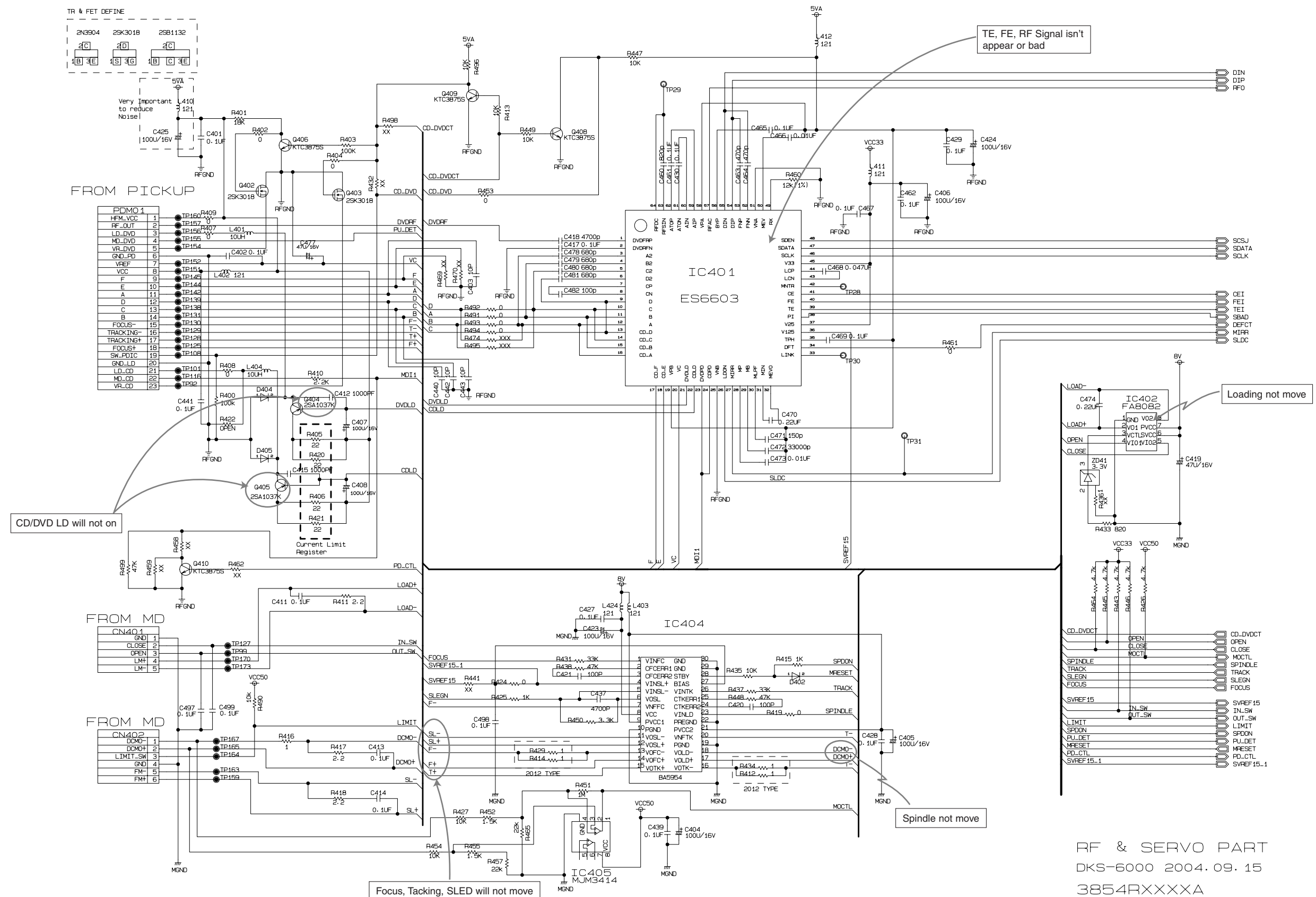


LG Electronics Inc.

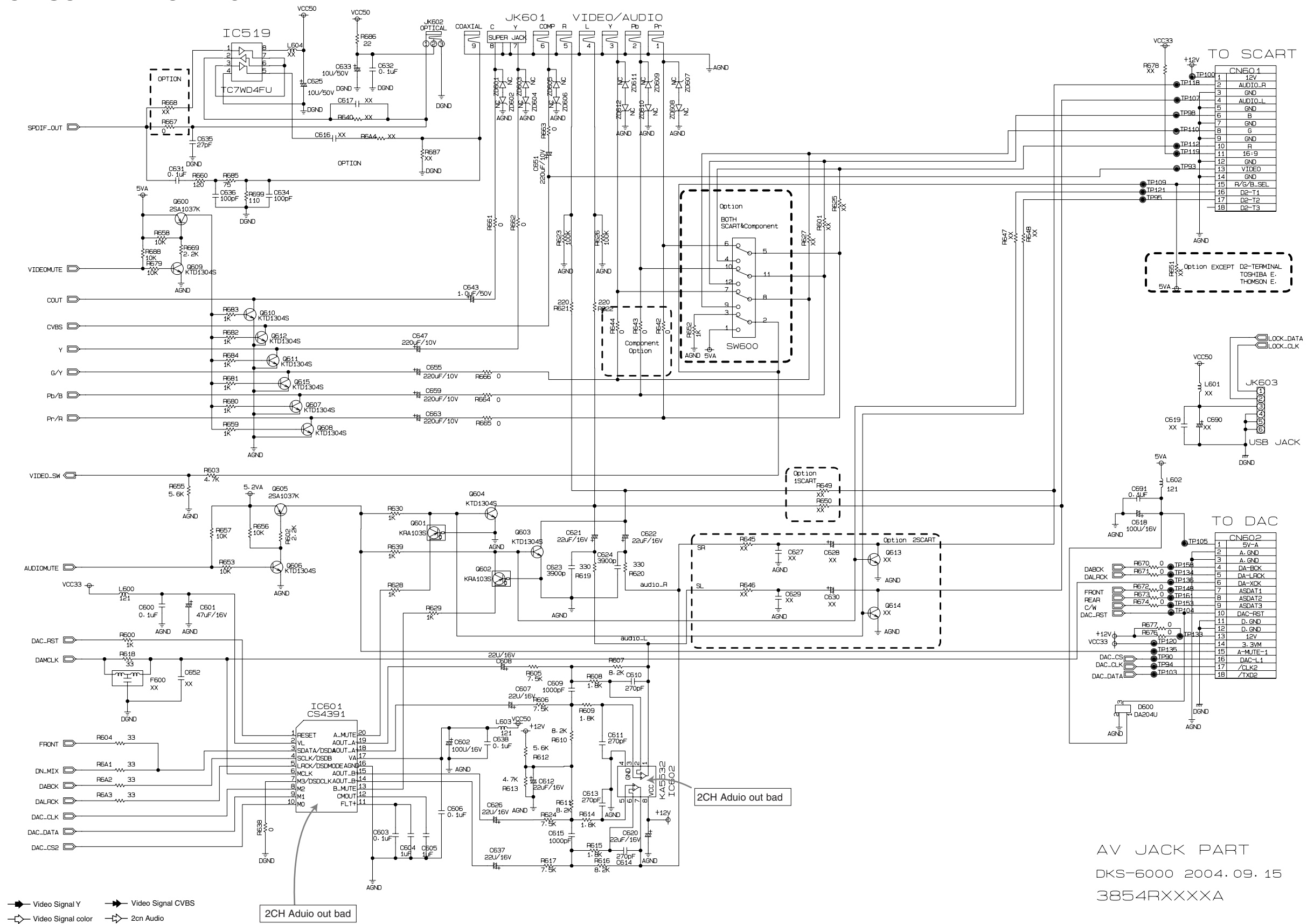
1. MPEG SCHEMATIC DIAGRAM



2. RF & SERVO SCHEMATIC DIAGRAM



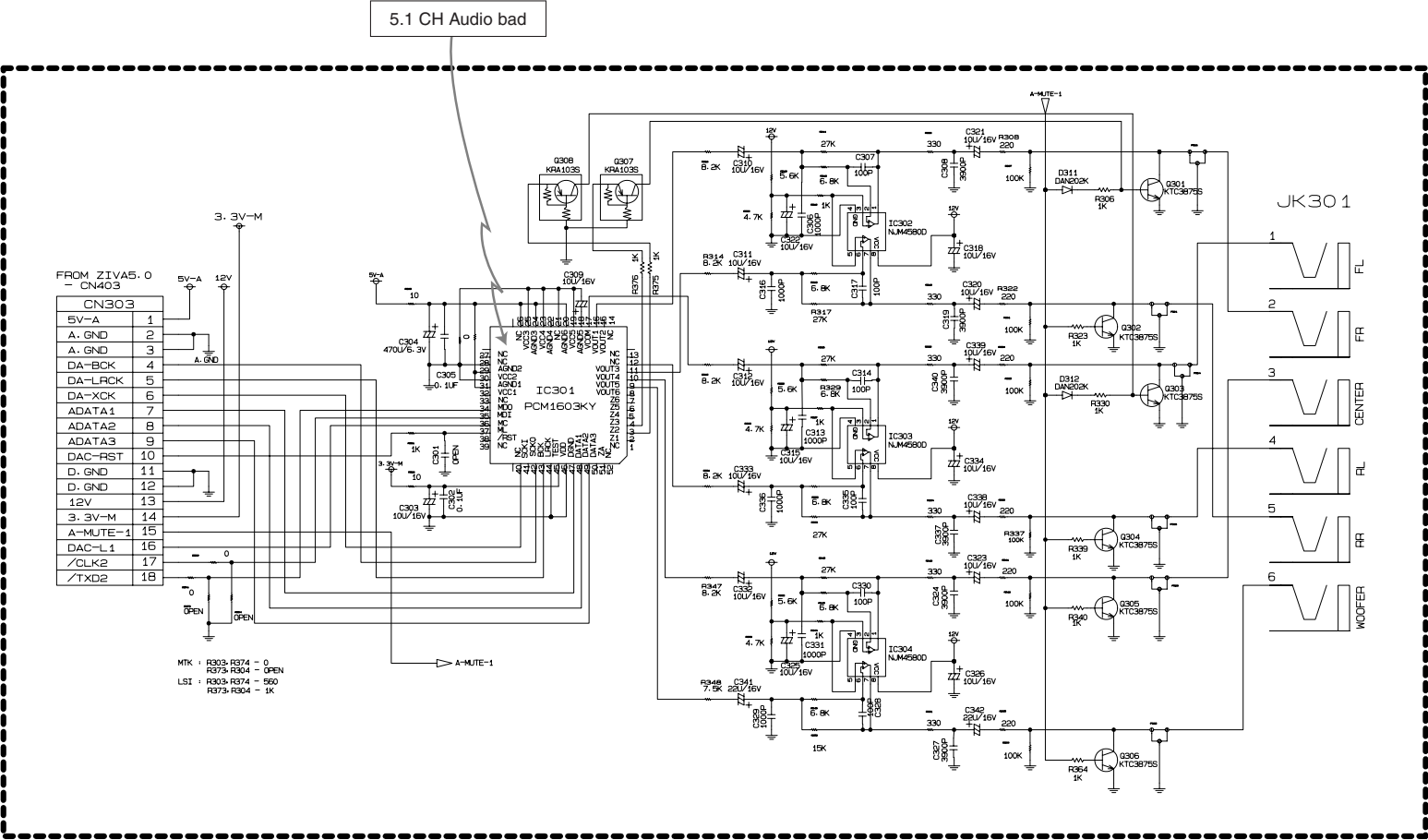
3. AV JACK SCHEMATIC DIAGRAM



AV JACK PART
DKS-6000 2004.09.15
3854RXXXXA

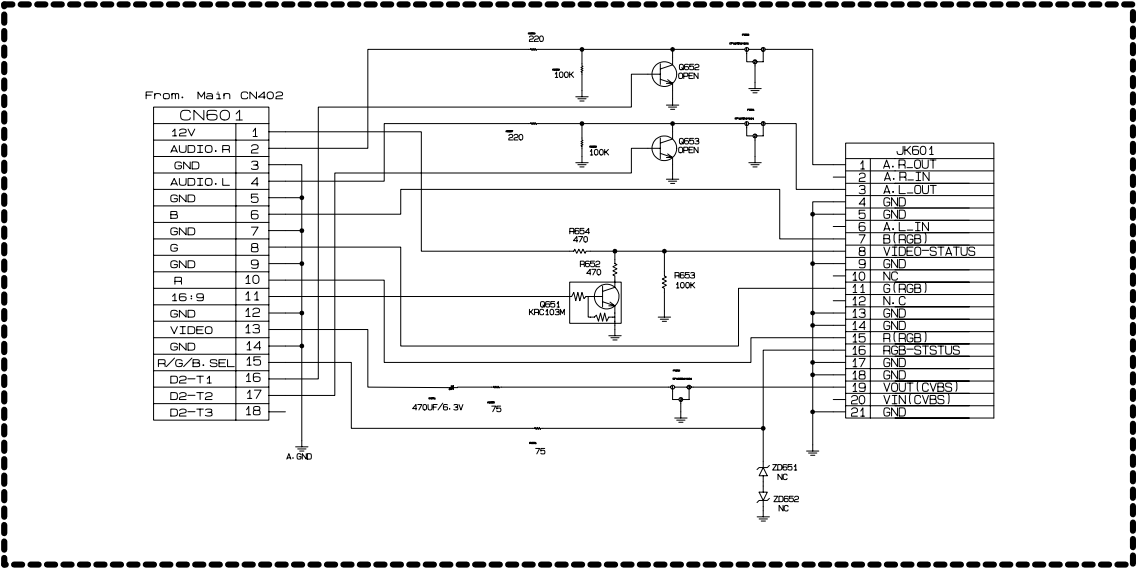
4. 5.1 CH & SCART SCHEMATIC DIAGRAM

5. 1CH AUDIO

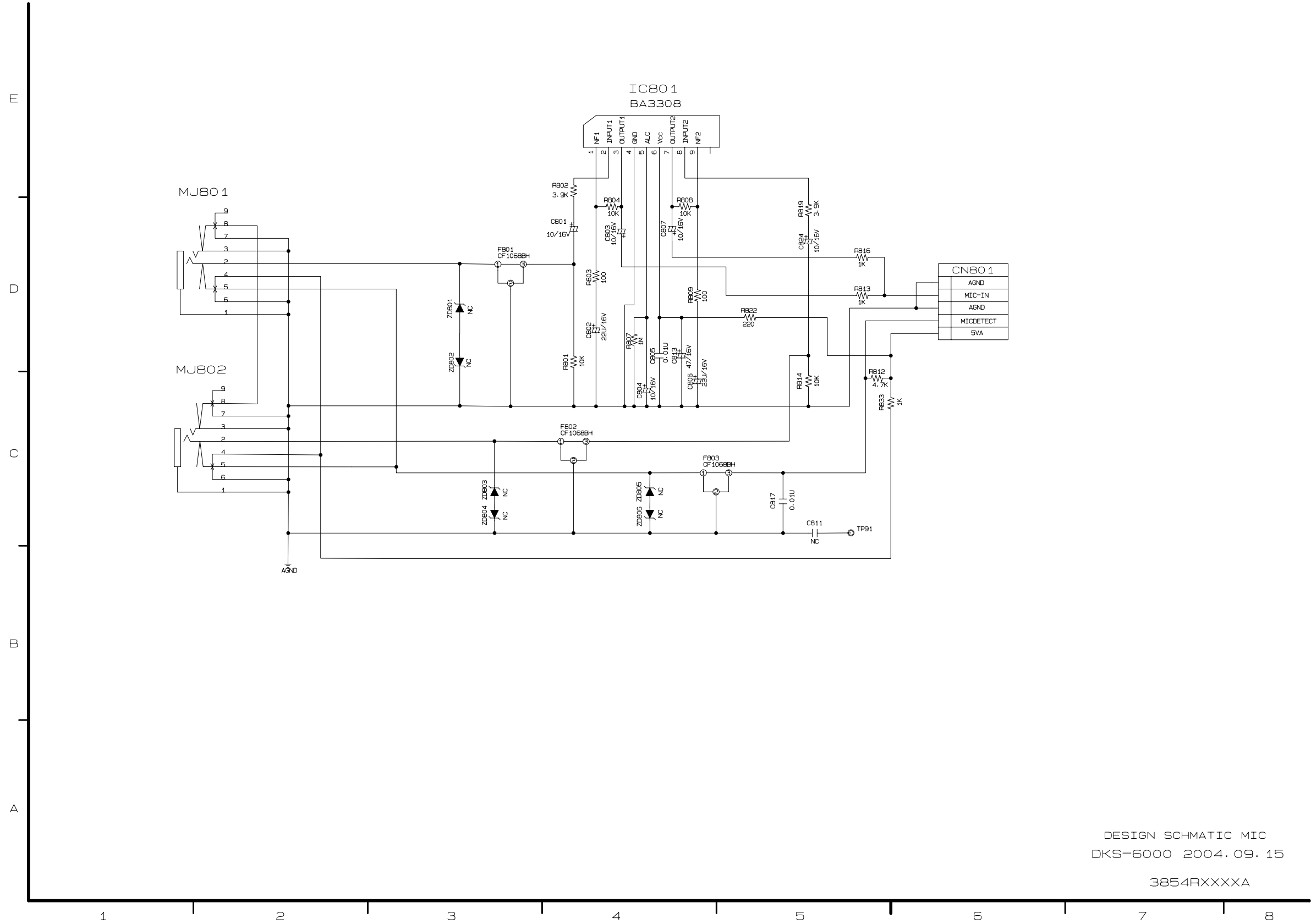


SCART OPTION

All stuffs are used for Scart Model Only !!!



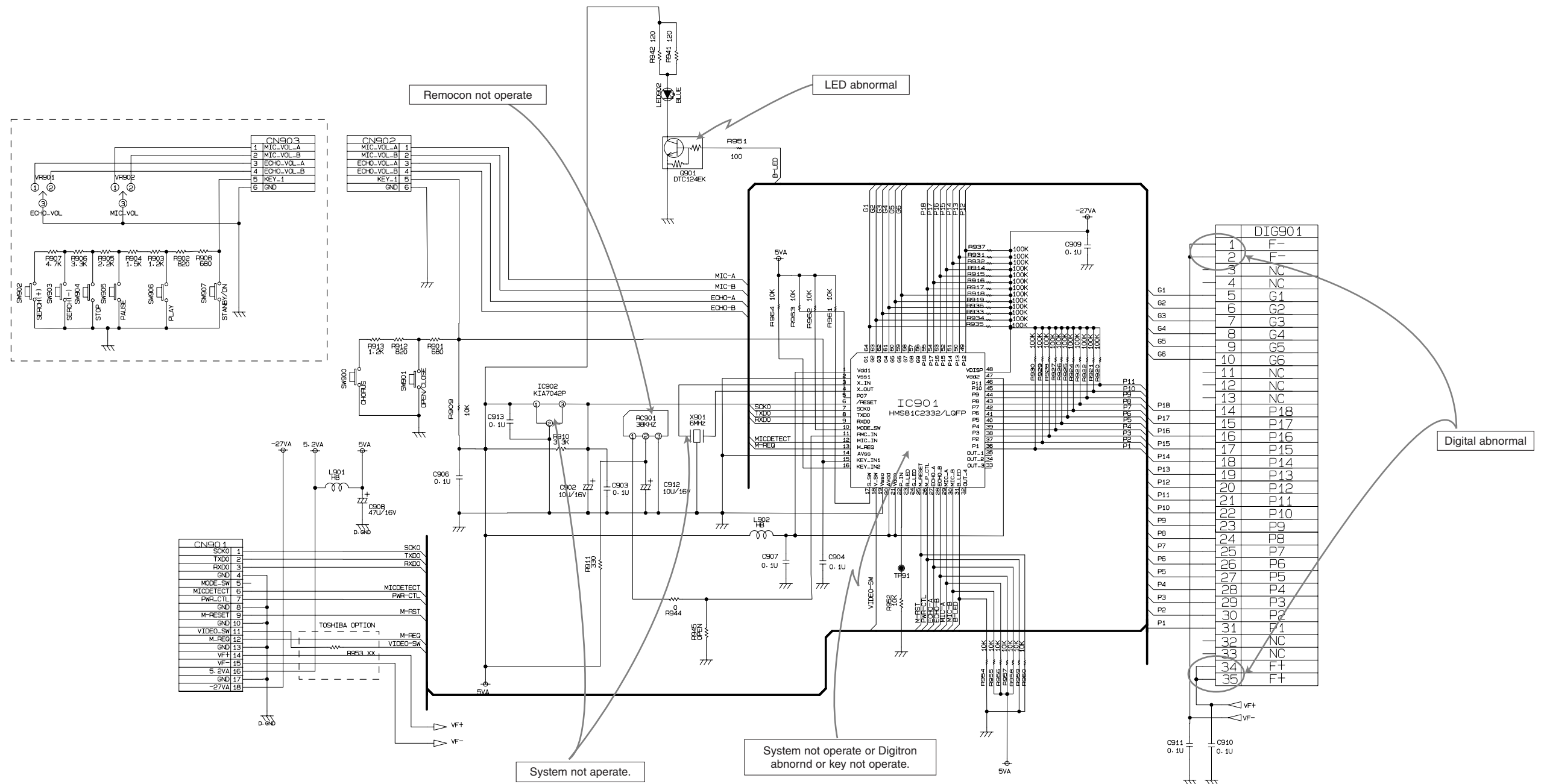
5. MIC SCHEMATIC DIAGRAM



DESIGN SCHEMATIC MIC
DKS-6000 2004. 09. 15

3854RXXXXA

6. FRONT TIMER SCHEMATIC DIAGRAM (6000)

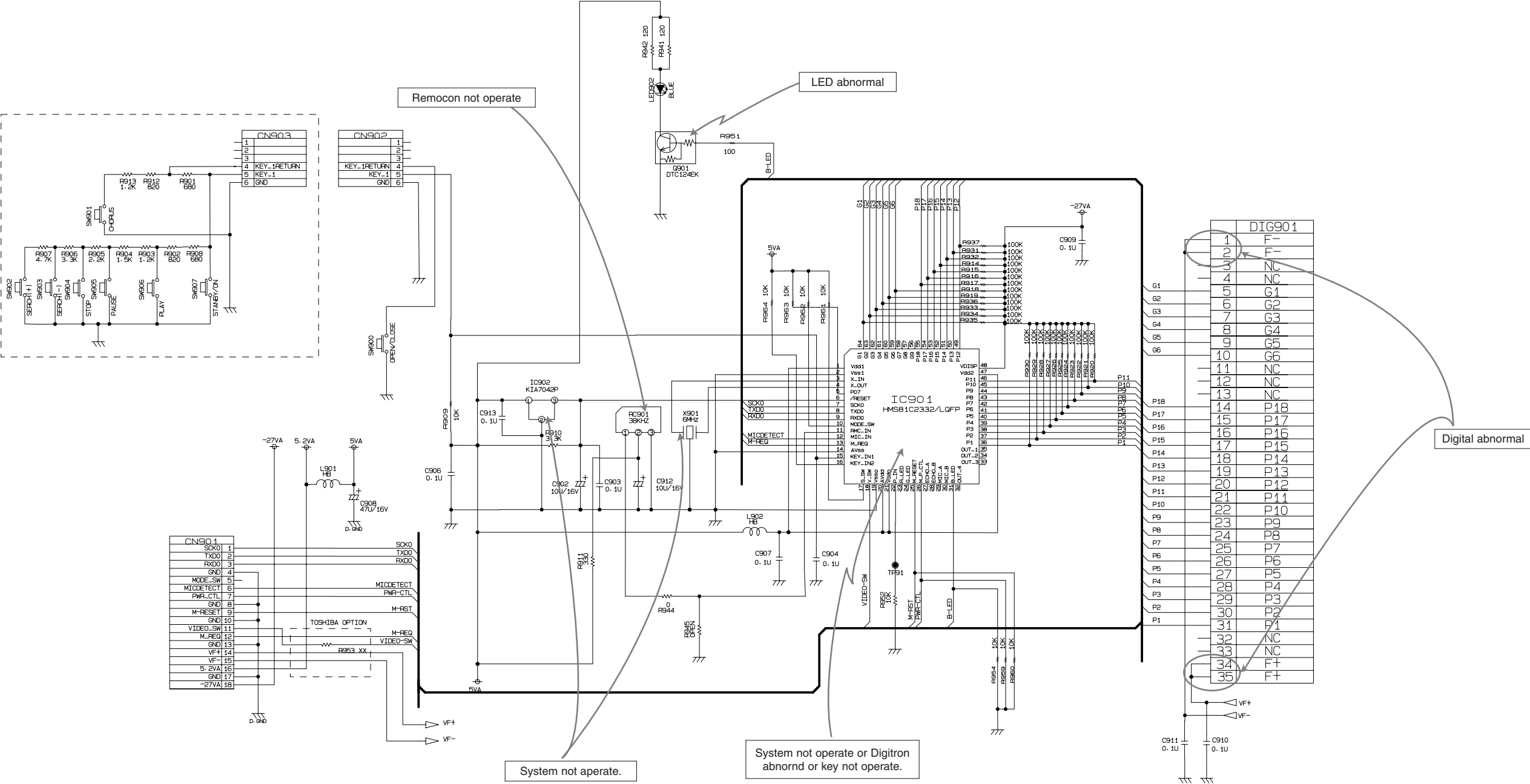


DESIGN SCHEMATIC FRONT TIMER

DKS-6000_2 2004.09.15

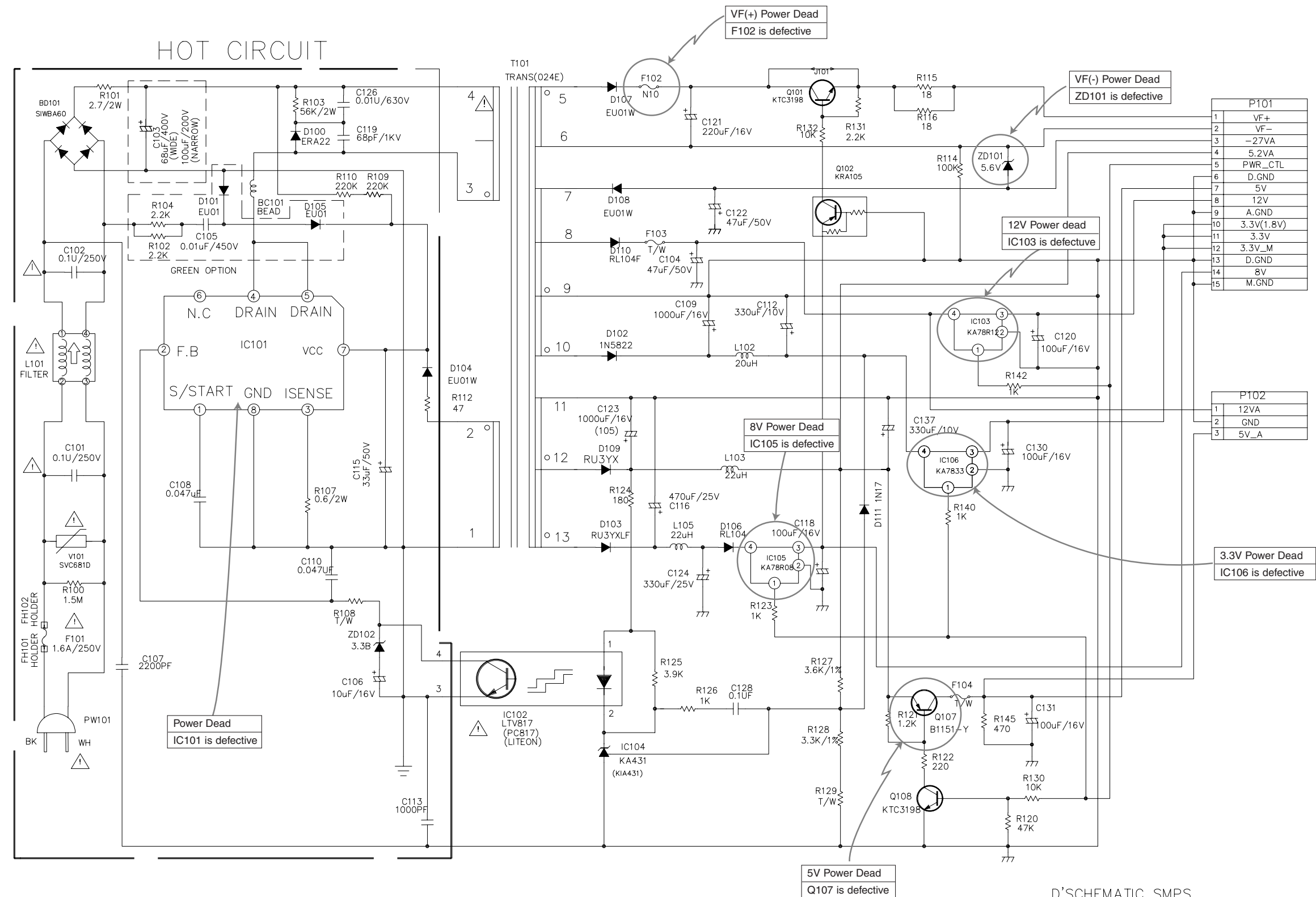
3854RXXXXA

7. FRONT TIMER SCHEMATIC DIAGRAM (6100)



DESIGN SCHMATIC FRONT TIMER
DKS-6100 2004.09.15
3854RXXXXA

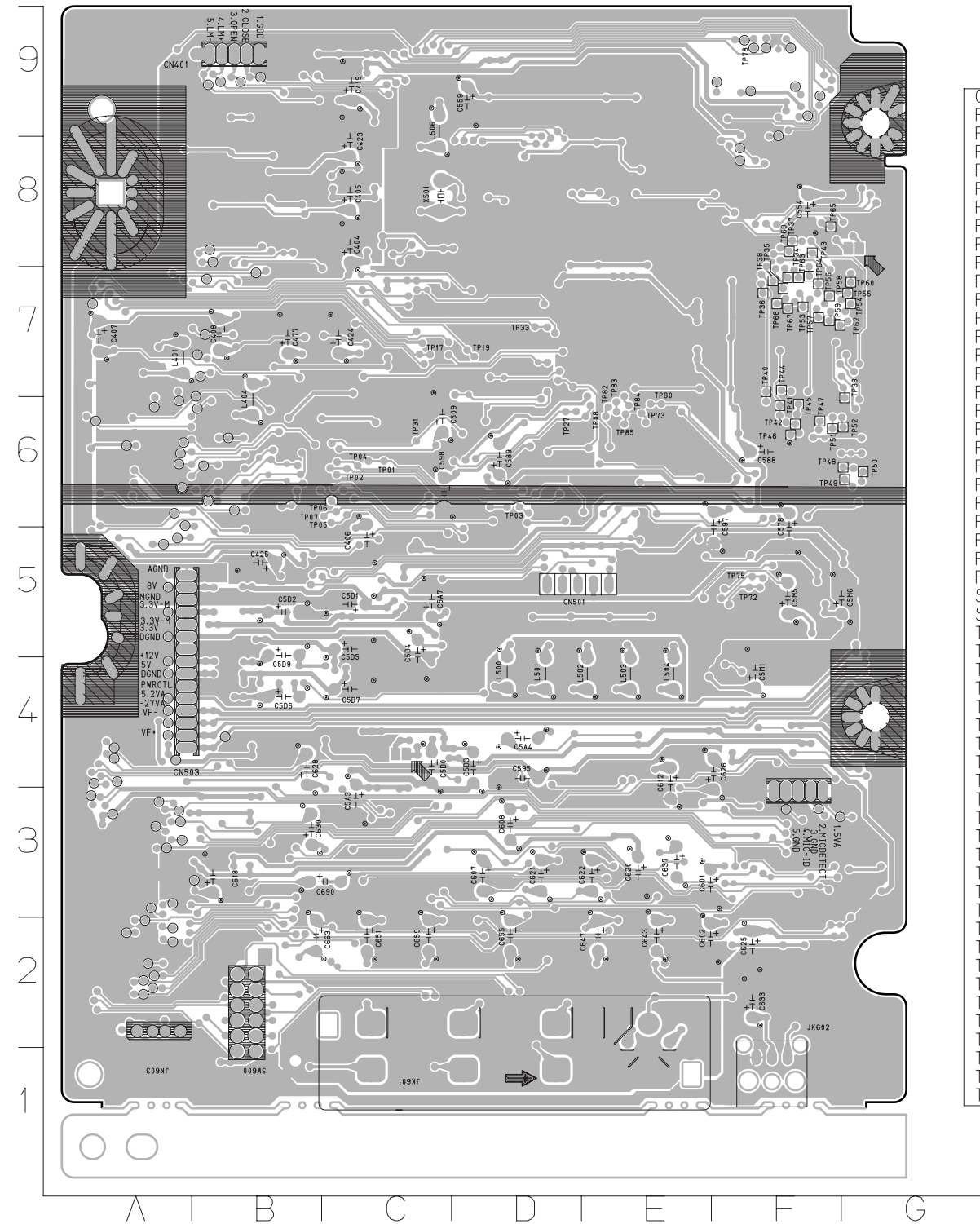
7. SMPS SCHEMATIC DIAGRAM



D'SCHEMATIC SMPS
DV7000'S MTK
VD 3854R16006A

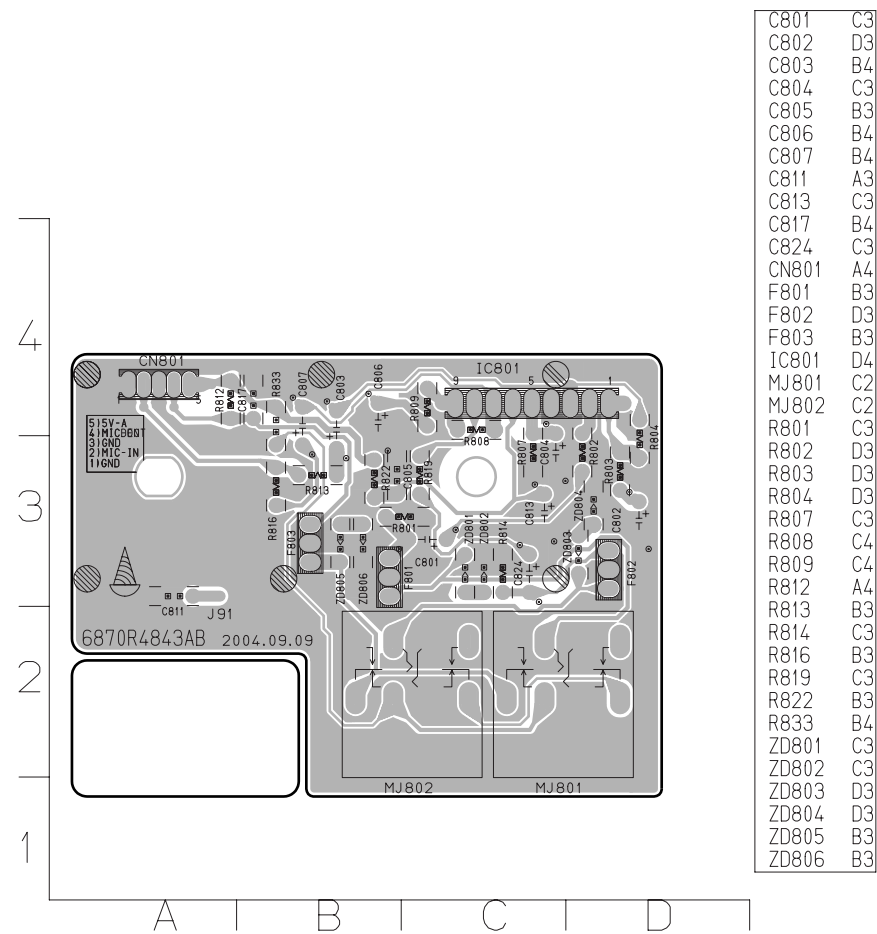
C401	L5	C505	J5	C567	J7	C600	I3	F600	I3	L541	J8	PIN0074	I9	PIN0229	M6	R431	L9	R519	J8	R590	J6	R605	J3	R674	M2
C402	L7	C506	J5	C568	J8	C601	I3	IC401	L6	L542	H5	PIN0075	I8	PIN0230	L7	R432	M6	R520	I5	R591	J6	R606	J3	R676	M2
C403	L6	C507	J6	C569	J8	C602	I2	IC402	L9	L543	H8	PIN0076	H8	PIN0232	H3	R433	L9	R521	J4	R592	J7	R607	J3	R677	M2
C404	K8	C508	J5	C570	J6	C603	H3	IC404	L8	L544	K4	PIN0079	H6	PIN0233	H5	R434	L8	R522	J5	R594	J6	R608	J3	R678	M3
C405	K8	C509	K6	C576	J7	C604	H3	IC405	L7	L545	K5	PIN0080	K6	PIN0235	L8	R435	L9	R523	J5	R596	G6	R609	J3	R679	K3
C406	K5	C510	J6	C578	H5	C605	H3	IC500	H7	L600	H3	PIN0081	K6	PIN0237	L7	R436	L9	R524	I8	R597	G7	R610	I3	R680	I3
C407	M7	C511	J6	C579	I9	C606	H3	IC501	I7	L601	M2	PIN0083	L8	PIN0241	J3	R437	L8	R525	I8	R598	J6	R611	I3	R681	J2
C408	L7	C512	I8	C580	I8	C607	J3	IC502	I4	L602	M3	PIN0084	L8	Q402	M6	R438	L8	R526	I5	R599	J6	R612	I3	R682	K3
C411	L9	C513	J6	C581	I8	C608	J3	IC503	I9	L603	H3	PIN0085	L8	Q403	L5	R441	L8	R527	I4	R5A0	J5	R613	I4	R683	I3
C412	M7	C514	J6	C582	H8	C609	J3	IC509	K3	L604	H2	PIN0086	L8	Q404	M7	R443	L9	R528	I4	R5A1	I6	R614	I3	R684	I3
C413	L8	C515	J6	C583	I8	C610	J3	IC510	J5	PDM01	M6	PIN0087	L7	Q405	L7	R445	L9	R529	H9	R5A3	J8	R615	I3	R685	H2
C414	L8	C516	J6	C584	I8	C611	J3	IC511	H8	PIN0001	J6	PIN0088	L7	Q406	M6	R446	L9	R530	H9	R5A4	I8	R616	I3	R686	H2
C415	L7	C517	H6	C585	I6	C612	I4	IC512	H4	PIN0004	I5	PIN0091	I9	Q408	M6	R447	M6	R531	J5	R5A5	I5	R617	I3	R687	I2
C417	L6	C518	H6	C586	I8	C613	I3	IC513	J4	PIN0005	H5	PIN0092	I8	Q409	M6	R448	L8	R532	H8	R5A6	I5	R618	H3	R688	K3
C418	L6	C519	J5	C587	H6	C614	I3	IC515	H6	PIN0008	K8	PIN0095	J8	Q410	K7	R449	M6	R540	I5	R5A7	J6	R619	J3	R699	H2
C419	K9	C520	J4	C588	H6	C615	I3	IC516	H4	PIN0009	L6	PIN0097	J8	Q501	L7	R450	L8	R541	I6	R5A8	H5	R620	I3	R6A1	H3
C420	L8	C521	J5	C589	J6	C616	H2	IC519	H2	PIN0010	L6	PIN0098	J8	Q501	L7	R451	L7	R542	I5	R5A9	G3	R621	I2	RG6A2	H3
C421	L8	C522	J4	C590	H8	C617	H2	IC601	H3	PIN0011	M8	PIN0103	J9	Q601	H3	R452	L7	R543	H6	R5C0	J5	R622	J2	RG6A3	H3
C423	K8	C523	I5	C592	I4	C618	L3	IC602	I3	PIN0012	K8	PIN0105	J9	Q602	H3	R453	M6	R548	J9	R5C1	J4	R623	J2	RG6A4	H2
C424	K7	C524	J4	C593	H6	C619	M2	JK601	J1	PIN0016	L6	PIN0106	J9	Q603	J3	R454	L7	R549	H5	R5C2	J4	R624	I3	RF00	H8
C425	L5	C525	I5	C594	H6	C620	I3	JK602	H1	PIN0017	J6	PIN0107	J9	Q604	J3	R455	L7	R550	J8	R5C3	L7	R625	L2	RF01	G6
C427	L8	C526	I4	C595	J4	C621	J3	JK603	M1	PIN0018	K5	PIN0108	J9	Q605	G3	R457	L7	R551	J8	R5C4	J5	R626	J2	RF08	H8
C428	L8	C527	I5	C597	H5	C622	I3	L401	M7	PIN0019	K6	PIN0109	J9	Q606	G3	R458	L6	R552	J9	R5C5	J4	R627	L2	RF09	H8
C429	L6	C528	I4	C598	K6	C623	J3	L402	M7	PIN0022	K6	PIN0128	M5	Q607	J2	R459	L7	R553	J8	R5C6	J9	R628	G3	SW600	L1
C430	L5	C529	L4	C599	G6	C624	I3	L403	L8	PIN0023	K6	PIN0131	G8	Q608	K3	R460	K5	R554	J9	R5C7	J9	R629	H3	TP09	I6
C437	L8	C530	J8	C5A0	K4	C625	H2	L404	L6	PIN0024	K7	PIN0132	H6	Q609	K3	R461	K6	R555	J8	R5C8	I4	R630	G2	TP10	I6
C439	K7	C531	J8	C5A2	H4	C626	H4	L410	L5	PIN0025	K6	PIN0138	H8	Q610	I3	R462	K7	R556	J9	R5C9	I4	R638	H3	TP11	I6
C440	L6	C532	J8	C5A3	K3	C627	K3	L411	K6	PIN0027	K6	PIN0139	H8	Q611	I3	R464	K9	R557	J8	R5D1	I4	R639	H2	TP12	H5
C441	M6	C533	K9	C5A4	J4	C628	L4	L412	L5	PIN0032	L6	PIN0145	H6	Q612	K3	R465	L7	R558	J8	R5D2	H8	R640	H2	TP18	K8
C442	L6	C534	J6	C5A7	K5	C629	K3	L424	L8	PIN0038	J6	PIN0146	H6	Q613	L3	R469	L6	R559	I5	R5D3	J4	R642	L2	TP20	M8
C443	L6	C535	J7	C5A9	L4	C630	L3	L500	J4	PIN0039	J8	PIN0147	I6	Q614	L3	R470	L6	R560	J8	R5D4	H9	R643	K2	TP21	J7
C460	L5	C536	K7	C5C0	G8	C631	H2	L501	J4	PIN0040	J8	PIN0148	I6	Q615	J2	R474	L6	R561	J8	R5D5	H9	R644	J2	TP23	K9
C461	L5	C538	K7	C5C1	J8	C632	H2	L502	I4	PIN0041	I6	PIN0151	I6	R400	M6	R490	M7	R562	J8	R5D6	I5	R645	K3	TP24	J7
C462	K6	C539	K7	C5C2	H8	C633	H2	L503	I4	PIN0042	J6	PIN0152	I6	R401	M7	R491	L6	R563	J8	R5D7	I5	R646	K3	TP25	J6
C463	K5	C540	K7	C5C3	H8	C634	H2	L504	I4	PIN0043	J9	PIN0154	J6	R402	M6	R492	L6	R564	I6	R5D8	I6	R647	M3	TP28	K6
C464	K5	C541	K9	C5C4	H8	C635	H2	L506	K9	PIN0044	J6	PIN0156	K7	R403	M6	R493	L6	R565	H9	R5D9	I4	R648	M3	TP29	L6
C465	L5	C542	K7	C5C5	L4	C636	H2	L512	J4	PIN0045	H8	PIN0158	J7	R404	L5	R494	L6	R566	H8	R5E1	I6	R649	M4	TP30	K6
C466	K5	C543	J7	C5C6	H9	C637	I3	L513	G5	PIN0046	J6	PIN0159	J7	R405	M7	R495	L6	R567	H8	R5E2	I6	R650	M4	TP68	I6
C467	K6	C544	J7	C5C7	L4	C638	H3	L515	L5	PIN0047	I6	PIN0162	J7	R406	L7	R496	M6	R568	H9	R5E4	J8	R651	M3	TP74	H5
C468	K6	C545	J6	C5C8	L4	C643	I2	L516	L5	PIN0048	H6	PIN0163	J7	R407	M7	R498	M6	R569	K4	R5F1	L7	R652	L2	TP76	J7
C469	K6	C546	J7	C5C9	H9	C647	I2	L517	H6	PIN0049	K7	PIN0164	K7	R408	L6	R499	L6	R570	J7	R5F2	J7	R653	G3	X501	K8
C470	K6	C547	J6	C5D0	K4	C651	K2	L518	H6	PIN0050	K7	PIN0168	J7	R409	M7	R500	J6	R571	K7	R5F3	J7	R655	L2	ZD01	J5
C471	K6	C548	J7	C5D1	K5	C652	H3	L519	J6	PIN0051	K7	PIN0170	K8	R410	K6	R501	J6	R572	J7	R5F4	J7	R656	G3	ZD02	J5
C472	K6	C549	J6	C5D2	L5	C655	J2	L520	L4	PIN0054	I8	PIN0171	K8	R411	L9	R502	J6	R573	K7	R5F5	L5	R657	G3	ZD03	I5
C473	K6	C550	J6	C5D3	J4	C659	K2	L521	J6	PIN0055	J7	PIN0172	K9	R412	L7	R503	J6	R574	K4	R5F6	L5	R658	K3	ZD04	I5
C474	L9	C551	J7	C5D4	K5	C663	L2	L524	H6	PIN0056	I8	PIN0173	K9	R413	M6	R504	J6	R575	J7	R5F7	H6	R659	J2	ZD05	I5
C477	L7	C552	J7	C5D5	K5	C690	K3	L527	L5	PIN0058	J6	PIN0174	K9	R414	L8	R505	J6	R576	K4	R5M0	I5	R660	H2	ZD06	H4
C478	L6	C553	H9	C5D6	L4	C691	M3	L528	L5	PIN0059	I8	PIN0175	K9	R415	M9	R506	J6	R577	K4	R5M1	H5	R661	I2	ZD41	L9
C479	L6	C554	H8	C5D7	K4	CN401	L9	L529	K4	PIN0060	J7	PIN0176	K9	R416	L8	R507	I5	R578	K7	R5M2	H5	R662	I2	ZD601	I2
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C481	L6	C557	H7	C5D9	L5	CN502	H3	L531	L4	PIN0062	H7	PIN0208	H8	R418	L8	R509	I5	R580	J7	R5M4	I5	R664	K2	ZD603	I2
C482	L6	C558	I8	C5M1	H4	CN503	M4	L532	J6	PIN0063	G6	PIN0210	H8	R419	L8	R510	I6	R581	J7	R5M5	H5	R665	L2	ZD604	I2
C497	L9	C559	J9	C5M2	M9	CN504	H9	L533	L4	PIN0064	J3	PIN0213	H4	R420	M7	R511	I6	R582	J7	R5M6	H5	R666	J2	ZD605	K2
C498	L8	C560	J8	C5M3	I5	CN601	M3	L534	K4	PIN0065	J3	PIN0214	H4	R421	L7	R512	H6	R583	J7	R5M7	H3	R667	H2	ZD606	K2
C499	L9	C561	H7	C5M4	H5	CN602	M2	L535	H8	PIN0066	J3	PIN0217	H5	R422	L6	R513	I5	R584	J7	R5M8	H4	R668	H2	ZD607	K2
C500	J6	C562	I9	C5M5	H5	D402	M9	L536	I4	PIN0067	J3	PIN0218	H6	R424	L8	R514	I6	R585	K7	R5M9	H4	R669	K3	ZD608	K2
C501	J6	C563	I8	C5M6	G5	D404	M7	L537	H3	PIN0068	J3	PIN0220	H3	R425	L8	R515	I6	R586	K7	R600	H3	R670	M3	ZD609	J2
C502	J6	C564	H7	C5M7	H3	D405	L7	L538	H3	PIN0069	I3	PIN0221	H3	R426	K7	R516	H6	R587	J7	R601	L2	R671	M3	ZD610	J2
C503	J6	C565	H7	C5M8	G3	D501	H6	L539	G3	PIN0070	H2	PIN0223	H3	R427	L7	R517	L8	R588	J6	R602	G3	R672	M2	ZD611	J2
C504	J6	C566	H7	C5M9	M5	D600	M3	L540	I6	PIN0073	I9	PIN0227	L5	R429	L8	R518	J8	R589	J7	R603	L2	R673	M2	ZD612	J2

- **MPEG P.C BOARD DIAGRAM**

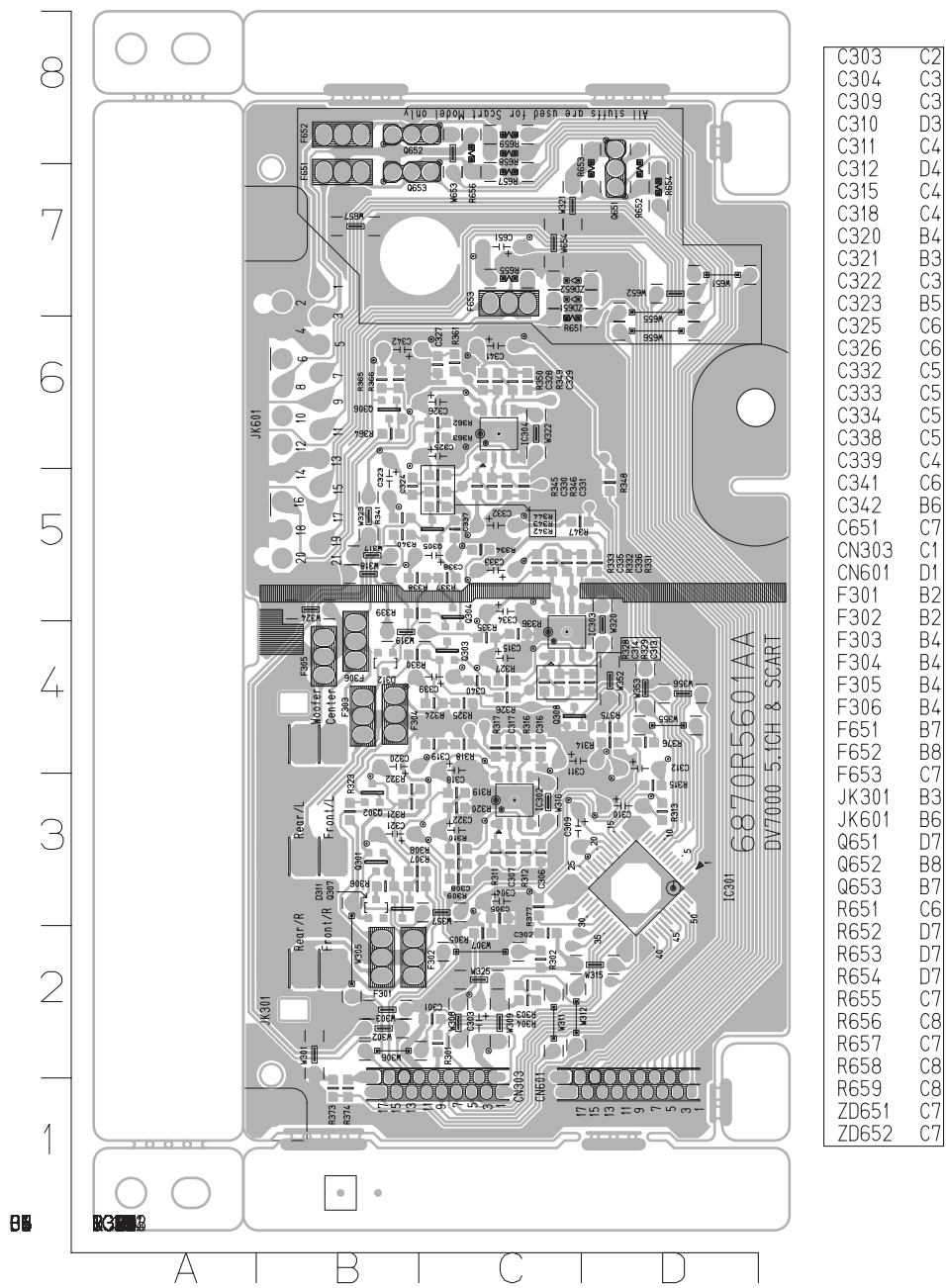


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PIN0003	F6	TP119	A3	TP33	D7
PIN0029	B6	TP120	A3	TP34	F7
PIN0031	B6	TP121	A3	TP35	F7
PIN0033	B6	TP123	A4	TP36	F7
PIN0035	B6	TP124	A4	TP37	F8
PIN0052	D6	TP125	B7	TP38	F7
PIN0053	D7	TP126	F9	TP39	G6
PIN0057	D7	TP127	B9	TP40	F7
PIN0078	G6	TP128	A6	TP41	F8
PIN0082	B8	TP129	B7	TP42	F6
PIN0099	D8	TP130	B7	TP43	F8
PIN0100	D8	TP131	B6	TP44	F7
PIN0101	D9	TP132	A4	TP45	F6
PIN0102	D8	TP133	A2	TP46	F6
PIN0165	D7	TP134	A3	TP47	F6
PIN0166	C7	TP135	A2	TP48	G6
PIN0224	F3	TP136	A2	TP49	G6
PIN0225	F3	TP137	F8	TP50	G6
PIN0231	F3	TP138	B6	TP51	F6
PIN0234	C7	TP139	B6	TP52	G6
PIN0238	E5	TP141	A4	TP53	F7
PIN0239	E6	TP142	A6	TP54	G7
PIN0240	D5	TP144	B6	TP55	G7
PIN0243	D5	TP145	A6	TP56	F7
PIN0244	D5	TP147	F3	TP57	F7
PIN0245	D5	TP148	A2	TP58	F7
S1	G8	TP150	F3	TP59	F7
S2	C4	TP151	A6	TP60	G7
TP01	C6	TP152	A6	TP62	F7
TP02	C6	TP153	A2	TP63	F7
TP03	D6	TP154	A6	TP64	F7
TP04	C6	TP155	B6	TP65	F8
TP05	C6	TP156	A6	TP66	F7
TP06	C6	TP157	B6	TP67	F7
TP07	C6	TP158	A3	TP69	F8
TP08	E6	TP159	B8	TP72	F5
TP100	A4	TP160	A6	TP73	E6
TP101	A6	TP161	A2	TP75	F5
TP102	F9	TP162	F3	TP78	F9
TP103	A2	TP163	B8	TP80	E6
TP104	A3	TP164	A7	TP82	E6
TP105	B3	TP165	B7	TP83	E6
TP106	F8	TP166	F8	TP84	E6
TP107	A4	TP167	B7	TP85	E6
TP108	A6	TP168	A5	TP90	A2
TP109	A3	TP169	A5	TP92	A5
TP110	A4	TP17	C7	TP93	A3
TP111	A4	TP170	B9	TP94	A2
TP112	A3	TP172	A5	TP95	A3
TP113	F9	TP173	B9	TP96	F9
TP114	F9	TP174	A4	TP97	F9
TP115	F9	TP175	F9	TP98	A4
TP116	A5	TP19	D7	TP99	B9
TP117	B4	TP27	D6		

• MIC P.C BOARD DIAGRAM



• I/O P.C BOARD DIAGRAM



• SMPS P.C BOARD DIAGRAM

