

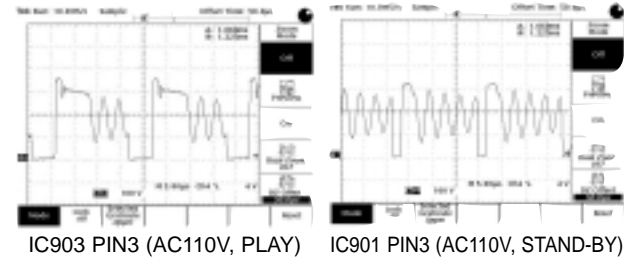
# CIRCUIT DIAGRAM

## 1. POWER(SMPS) CIRCUIT DIAGRAM

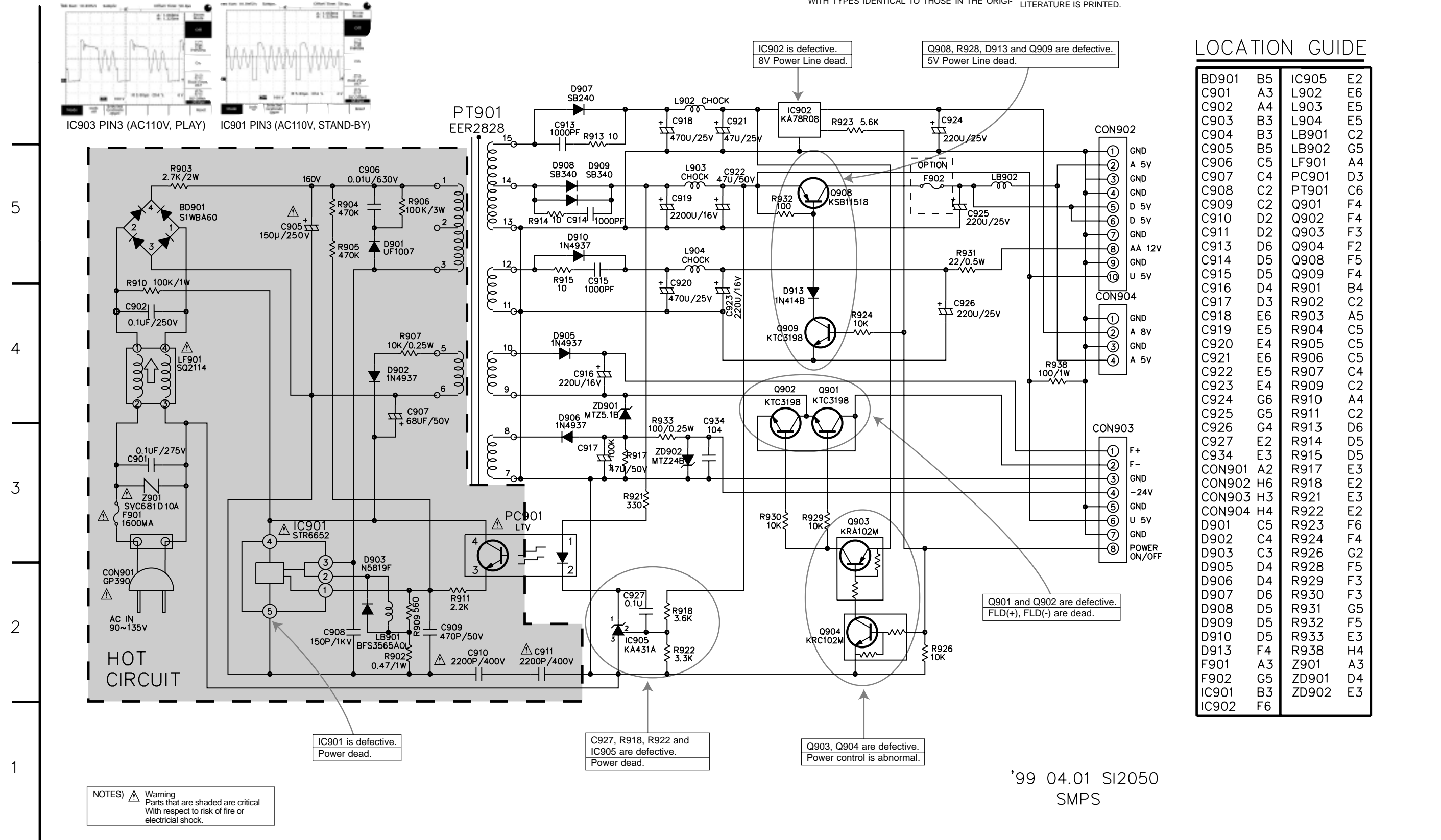
### IMPORTANT SAFETY NOTICE

WHEN SERVICING THIS CHASSIS, UNDER NO CIRCUMSTANCES SHOULD THE ORIGINAL DESIGN BE MODIFIED OR ALTERED WITHOUT PERMISSION FROM THE ZENITH ELECTRONICS CORPORATION. ALL COMPONENTS SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT SPECIAL COMPONENTS ARE SHADED ON THE SCHEMATIC FOR EASY IDENTIFICATION. THIS CIRCUIT DIAGRAM MAY OCCASIONALLY DIFFER FROM THE ACTUAL CIRCUIT USED. THIS WAY, IMPLEMENTATION OF THE LATEST SAFETY AND PERFORMANCE IMPROVEMENT CHANGES INTO THE SET IS NOT DELAYED UNTIL THE NEW SERVICE LITERATURE IS PRINTED.

NOTE:  
 1. Shaded (■) parts are critical for safety. Replace only with specified part number.  
 2. Voltages are DC-measured with a digital voltmeter during Play mode.



IC903 PIN3 (AC110V, PLAY) IC901 PIN3 (AC110V, STAND-BY)



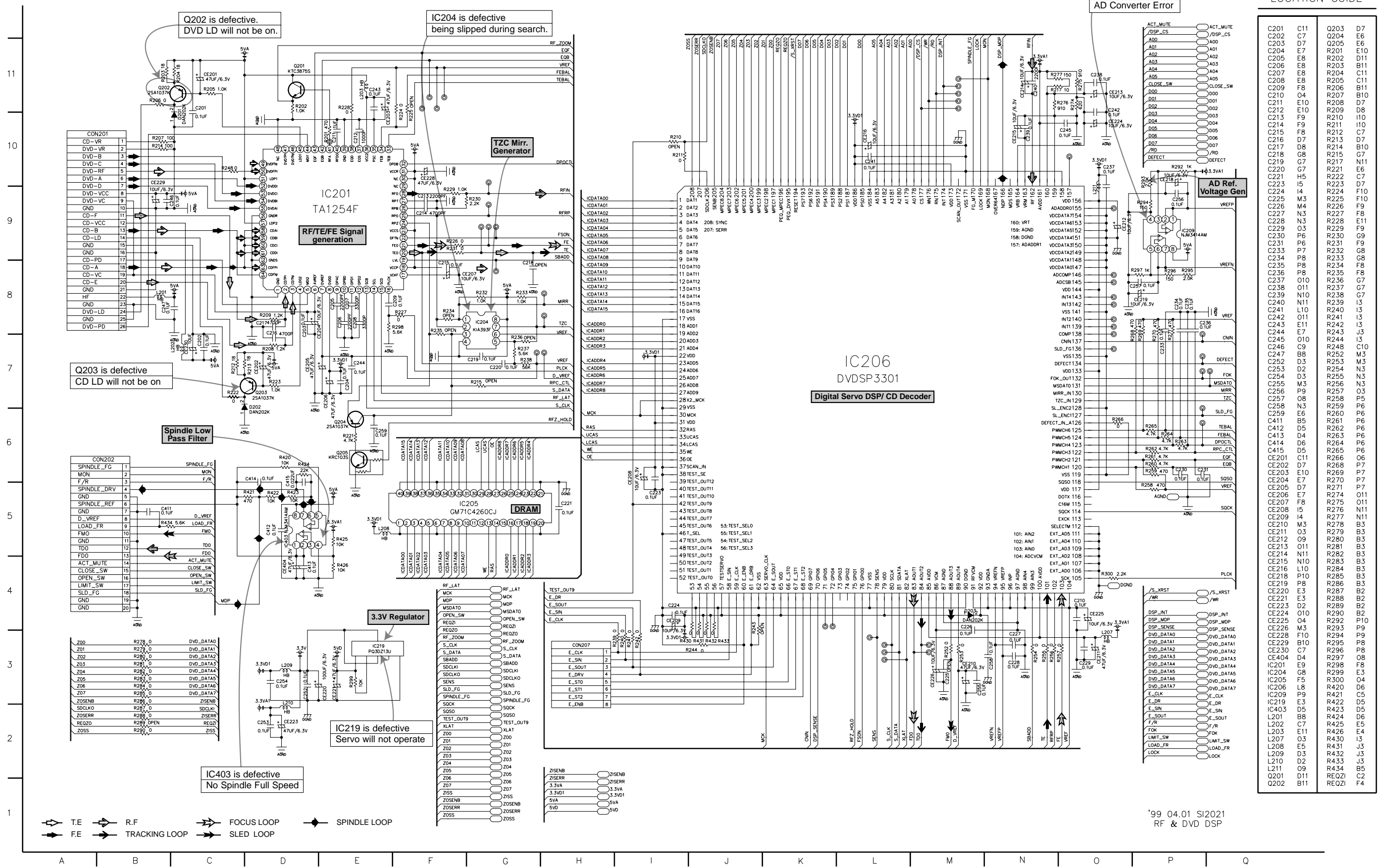
### LOCATION GUIDE

BD901	B5	IC905	E2
C901	A3	L902	E6
C902	A4	L903	E5
C903	B3	L904	E5
C904	B3	LB901	C2
C905	B5	LB902	G5
C906	C5	LF901	A4
C907	C4	PC901	D3
C908	C2	PT901	C6
C909	C2	Q901	F4
C910	D2	Q902	F4
C911	D2	Q903	F3
C913	D6	Q904	F2
C914	D5	Q908	F5
C915	D5	Q909	F4
C916	D4	R901	B4
C917	D3	R902	C2
C918	E6	R903	A5
C919	E5	R904	C5
C920	E4	R905	C5
C921	E6	R906	C5
C922	E5	R907	C4
C923	E4	R909	C2
C924	G6	R910	A4
C925	G5	R911	C2
C926	G4	R913	D6
C927	E2	R914	D5
C934	E3	R915	D5
CON901	A2	R917	E3
CON902	H6	R918	E2
CON903	H3	R921	E3
CON904	H4	R922	E2
D901	C5	R923	F6
D902	C4	R924	F4
D903	C3	R926	G2
D905	D4	R928	F5
D906	D4	R929	F3
D907	D6	R930	F3
D908	D5	R931	G5
D909	D5	R932	F5
D910	D5	R933	E3
D913	F4	R938	H4
F901	A3	Z901	A3
F902	G5	ZD901	D4
IC901	B3	ZD902	E3
IC902	F6		

NOTES) ⚠ Warning  
 Parts that are shaded are critical  
 With respect to risk of fire or  
 electrical shock.

'99 04.01 SI2050  
 SMPS

## 2. RF & DVD DSP CIRCUIT DIAGRAM



### LOCATION GUIDE

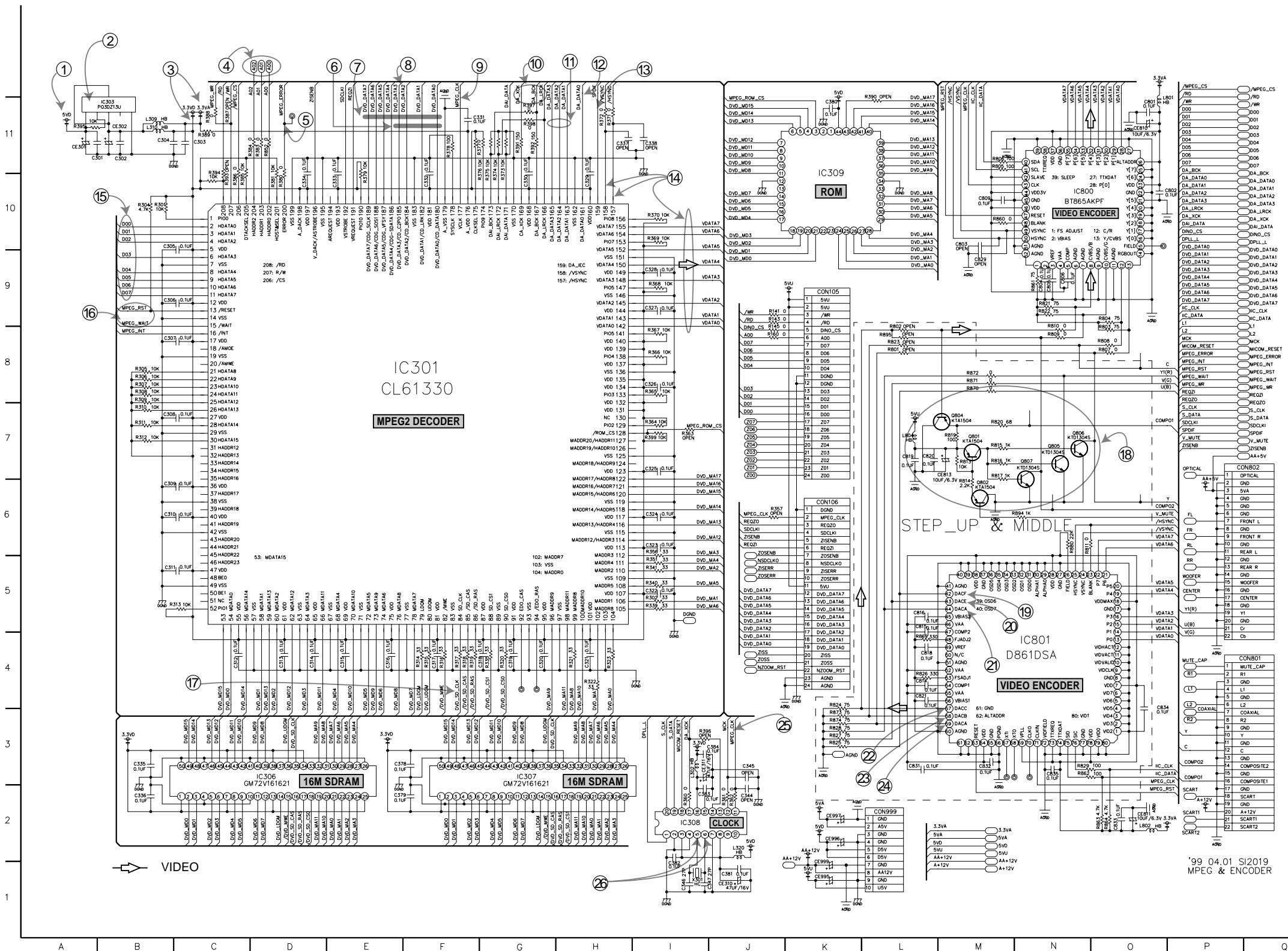
C201	C11	Q203	D7
C202	C7	Q204	E6
C203	D7	Q205	E6
C204	E7	R201	E10
C205	E8	R202	D11
C206	E8	R203	B11
C207	E8	R204	C11
C208	E8	R205	C11
C209	F8	R206	B11
C210	O4	R207	B10
C211	E10	R208	D7
C212	E10	R209	D8
C213	F9	R210	I10
C214	F9	R211	I10
C215	F8	R212	C7
C216	D7	R213	D7
C217	D8	R214	B10
C218	G8	R215	G7
C219	G7	R217	N11
C220	G7	R221	E6
C221	H5	R222	C7
C223	I5	R223	D7
C224	I4	R224	F10
C225	M3	R225	F10
C226	M4	R226	F9
C227	N3	R227	F8
C228	N3	R228	E11
C229	O3	R229	F9
C230	P6	R230	G9
C231	P6	R231	F9
C233	P8	R232	G8
C234	P8	R233	G8
C235	P8	R234	F8
C236	P8	R235	F8
C237	O10	R236	G7
C238	O11	R237	G7
C239	N10	R238	G7
C240	N11	R239	I3
C241	L10	R240	I3
C242	E11	R241	I3
C243	E11	R242	I3
C244	E7	R243	J3
C245	O10	R244	I3
C246	C9	R245	C10
C247	B8	R252	M3
C252	D3	R253	M3
C253	D2	R254	N3
C254	D3	R255	N3
C255	M3	R256	N3
C256	P9	R257	O3
C257	O8	R258	P5
C258	N3	R259	P6
C259	E6	R260	P6
C411	B5	R261	P6
C412	D5	R262	P6
C413	D4	R263	P6
C414	D6	R264	P6
C415	D5	R265	P6
CE201	C11	R266	O6
CE202	D7	R268	P7
CE203	E10	R269	P7
CE204	E7	R270	P7
CE205	D7	R271	P7
CE206	E7	R274	O11
CE207	F8	R275	O11
CE208	I5	R276	N11
CE209	I4	R277	N11
CE210	M3	R278	B3
CE211	O3	R279	B3
CE212	O9	R280	B3
CE213	O11	R281	B3
CE214	N11	R282	B3
CE215	N10	R283	B3
CE216	L10	R284	B3
CE218	P10	R285	B3
CE219	P8	R286	B3
CE220	E3	R287	B2
CE221	E3	R288	B2
CE223	D2	R289	B2
CE224	O10	R290	B2
CE225	O4	R292	P10
CE226	M3	R293	P9
CE228	F10	R294	P9
CE229	B10	R295	P8
CE230	C7	R296	P8
CE237	O7	R297	O8
IC201	E9	R298	F8
IC204	G8	R299	E3
IC205	F8	R300	O4
IC206	L8	R420	D6
IC209	P9	R421	C5
IC219	E3	R422	D5
IC403	D5	R423	D5
L201	B8	R424	D6
L202	C7	R425	E5
L203	E11	R426	E4
L207	O3	R430	I3
L208	E5	R431	J3
L209	D3	R432	J3
L210	D2	R433	J3
L211	O9	R434	B5
Q201	B11	REO21	C2
Q202	D11	REO21	F4



'99 04.01 SI2021  
RF & DVD DSP



# 4. MPEG & ENCODER CIRCUIT DIAGRAM



## LOCATION GUIDE

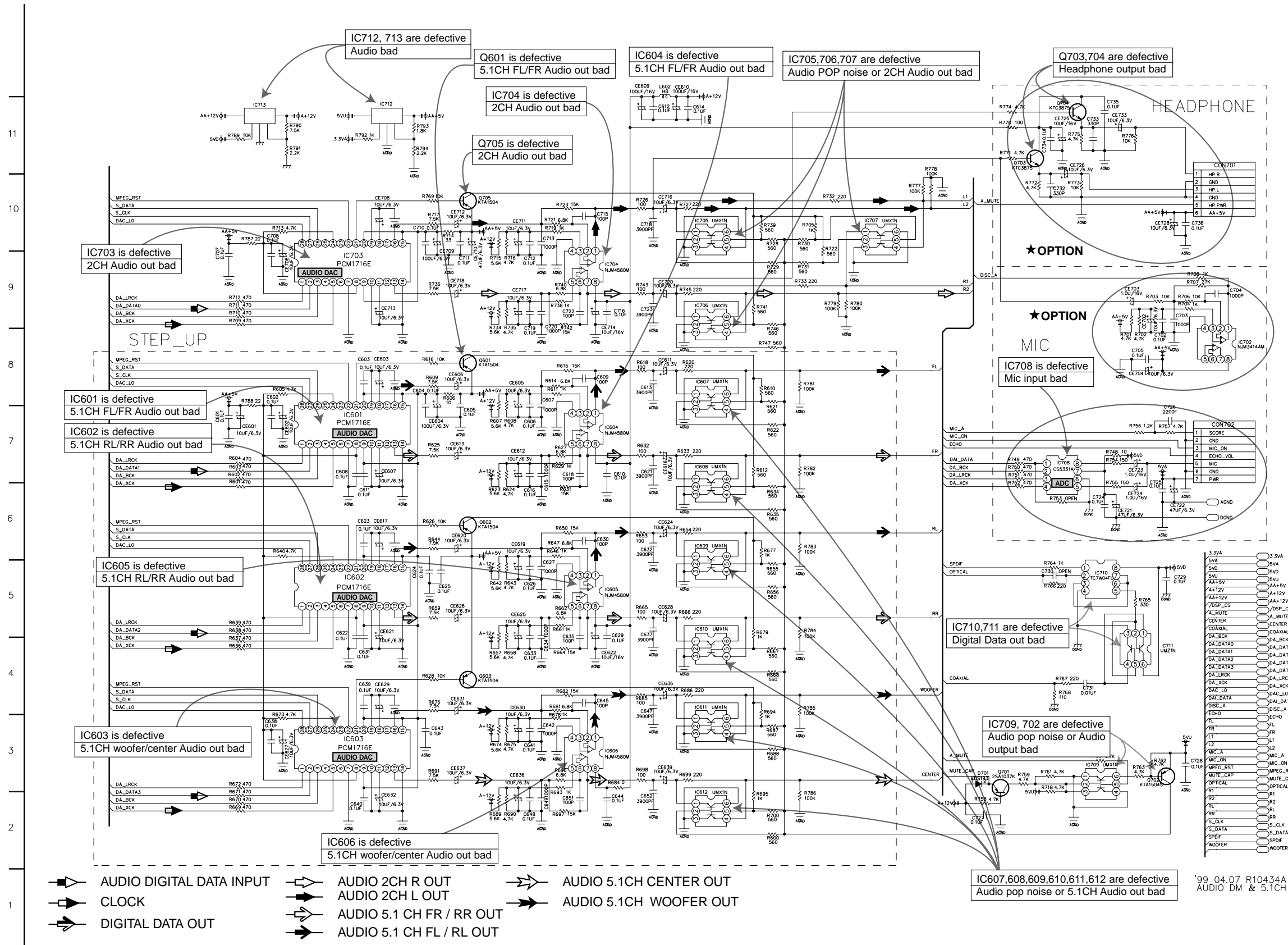
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C302	B11	IC303	D3	R390	L11
C303	C11	IC306	D3	R391	G11
C304	B11	IC307	G3	R392	G11
C305	B10	IC308	I2	R393	C10
C306	B9	IC309	K10	R394	C10
C307	B8	IC800	N10	R395	A11
C308	B7	IC801	N4	R396	I3
C309	B6	L309	B11	R397	G11
C310	B6	L310	B11	R398	G11
C311	B5	L310	B11	R399	I7
C312	C4	L801	O11	R801	L8
C313	D4	L802	O2	R802	L8
C314	D4	L804	L7	R803	O8
C315	E4	L804	L7	R804	O9
C316	E4	R802	M7	R805	M11
C317	F4	R804	M7	R806	M11
C318	G4	R805	N7	R807	O8
C319	G4	R807	N7	R808	O8
C320	G4	R807	N7	R809	N8
C321	H4	R145	J8	R810	N8
C322	H4	R160	J8	R811	N8
C323	I6	R160	J8	R813	M7
C324	I6	R302	I5	R814	M6
C325	I7	R304	B10	R815	M7
C326	I8	R305	B8	R816	M7
C327	I9	R305	B8	R817	M7
C328	I9	R307	B8	R819	M7
C329	H10	R308	B8	R820	M7
C330	G10	R308	B8	R821	N9
C331	F11	R309	B8	R822	N9
C332	F10	R311	B7	R823	L8
C333	E10	R312	B7	R824	K4
C334	D10	R313	B5	R825	K3
C335	B3	R315	F4	R826	L4
C336	B2	R315	F4	R827	K3
C337	H11	R316	F4	R828	K3
C338	I11	R316	F4	R829	N3
C344	J2	R317	F4	R852	D11
C345	J3	R319	F4	R860	M10
C346	I1	R320	H4	R861	N9
C347	J1	R321	H4	R862	N3
C378	E3	R320	H4	R863	O2
C379	E2	R323	H4	R864	O2
C380	K11	R335	G4	R869	L4
C381	J1	R335	G4	R870	M8
C382	I1	R339	I5	R871	M8
C383	I2	R340	I5	R872	M8
C384	I3	R341	I5	R873	K3
C802	O11	R351	I5	R874	M6
C803	M10	R360	I2	R894	M6
C804	N9	R361	J2	R895	L8
C805	N9	R361	J2	REQZ1	E11
C806	N9	R362	J2	REQZ1	J6
C809	M10	R364	I7	REQZ1	Q8
C814	L4	R365	I8	X301	I1
C815	L5	R365	I8	ZISENB	D11
C816	L5	R366	I8	ZISENB	J6
C818	L4	R367	I8	ZISENB	Q7
C819	L7	R369	I9	ZISENB	P7
C820	L7	R369	I9	ZISERR	J5
C821	L4	R370	I10	ZISS	J4
C829	M9	R371	H11	ZOSENB	J6
C831	L3	R372	H11	ZOSENB	J5
C832	M3	R373	G10	ZOSENB	J4
C833	O2	R374	G10	ZOSENB	J4
C834	O3	R376	G10	ZOSENB	J4
C835	N3	R376	G10	ZOSENB	J4
C836	N3	R377	G11	ZOSENB	J4
C837	A11	R378	F11	ZOSENB	J4
C838	B11	R379	E10	ZOSENB	J4
C839	J1	R380	D10	ZOSENB	J4
C840	O11	R381	D10	ZOSENB	J4
C841	O2	R383	D11	ZOSENB	J4
C842	M7	R385	C10	ZOSENB	J4
C843	M7	R385	C10	ZOSENB	J4
C844	M7	R385	C10	ZOSENB	J4
C845	M7	R385	C10	ZOSENB	J4
C846	M7	R385	C10	ZOSENB	J4
C847	M7	R385	C10	ZOSENB	J4
C848	M7	R385	C10	ZOSENB	J4
C849	M7	R385	C10	ZOSENB	J4
C850	M7	R385	C10	ZOSENB	J4
C851	M7	R385	C10	ZOSENB	J4
C852	M7	R385	C10	ZOSENB	J4
C853	M7	R385	C10	ZOSENB	J4
C854	M7	R385	C10	ZOSENB	J4
C855	M7	R385	C10	ZOSENB	J4
C856	M7	R385	C10	ZOSENB	J4
C857	M7	R385	C10	ZOSENB	J4
C858	M7	R385	C10	ZOSENB	J4
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C861	M7	R385	C10	ZOSENB	J4
C862	M7	R385	C10	ZOSENB	J4
C863	M7	R385	C10	ZOSENB	J4
C864	M7	R385	C10	ZOSENB	J4
C865	M7	R385	C10	ZOSENB	J4
C866	M7	R385	C10	ZOSENB	J4
C867	M7	R385	C10	ZOSENB	J4
C868	M7	R385	C10	ZOSENB	J4
C869	M7	R385	C10	ZOSENB	J4
C870	M7	R385	C10	ZOSENB	J4
C871	M7	R385	C10	ZOSENB	J4
C872	M7	R385	C10	ZOSENB	J4
C873	M7	R385	C10	ZOSENB	J4
C874	M7	R385	C10	ZOSENB	J4
C875	M7	R385	C10	ZOSENB	J4
C876	M7	R385	C10	ZOSENB	J4
C877	M7	R385	C10	ZOSENB	J4
C878	M7	R385	C10	ZOSENB	J4
C879	M7	R385	C10	ZOSENB	J4
C880	M7	R385	C10	ZOSENB	J4
C881	M7	R385	C10	ZOSENB	J4
C882	M7	R385	C10	ZOSENB	J4
C883	M7	R385	C10	ZOSENB	J4
C884	M7	R385	C10	ZOSENB	J4
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C887	M7	R385	C10	ZOSENB	J4
C888	M7	R385	C10	ZOSENB	J4
C889	M7	R385	C10	ZOSENB	J4
C890	M7	R385	C10	ZOSENB	J4
C891	M7	R385	C10	ZOSENB	J4
C892	M7	R385	C10	ZOSENB	J4
C893	M7	R385	C10	ZOSENB	J4
C894	M7	R385	C10	ZOSENB	J4
C895	M7	R385	C10	ZOSENB	J4
C896	M7	R385	C10	ZOSENB	J4
C897	M7	R385	C10	ZOSENB	J4
C898	M7	R385	C10	ZOSENB	J4
C899	M7	R385	C10	ZOSENB	J4
C900	M7	R385	C10	ZOSENB	J4

- ① No power on
- ② 3.3V Reg.
- ③ No power on
- ④ No power on  
μ-com->MPEG address
- ⑤ The screen is distorted(DVD)  
Over 3V->Data error. GND:OK
- ⑥ No VCD screen display(option).  
No CD sound out.
- ⑦ No DVD screen display
- ⑧ Over 3V->Data error. GND:OK  
(CD/VCD option)
- ⑨ No power on
- ⑩ No Audio(check clock)
- ⑪ No 5.1CH Audio
- ⑫ No 2CH Audio
- ⑬ Audio signal doesn't appear
- ⑭ No screen
- ⑮ No power on  
μ-com->MPEG command data
- ⑯ No power on  
over 3V: normal
- ⑰ No power on  
Check 89MHz
- ⑱ Video Mute doesn't  
operate in power on/off
- ⑲ No Pb output
- ⑳ No Pr output
- ㉑ No Y output
- ㉒ No composite video output
- ㉓ No Luminance output in  
Y/C Video
- ㉔ No Chrominance  
output in Y/C Video
- ㉕ No power on
- ㉖ No power on

'99 04.01 Si2019  
MPEG & ENCODER

# 5. AUDIO CIRCUIT DIAGRAM

## LOCATION GUIDE



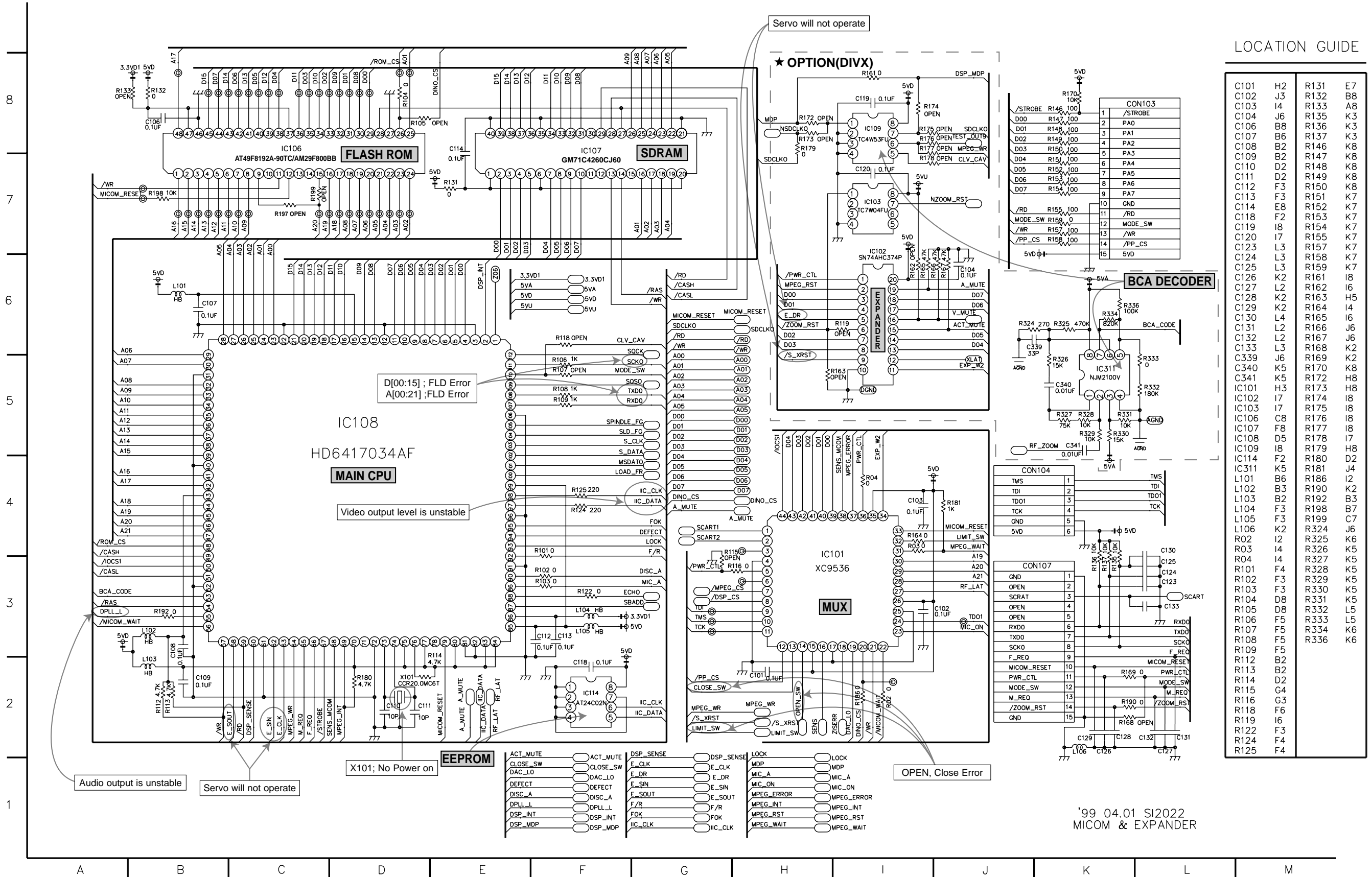
C601	C7	CE625	O5	R626	F6	R735	G8
C602	D8	CE626	F5	R627	G7	R736	F9
C603	E8	CE627	D3	R628	F4	R737	G9
C604	F8	CE628	I5	R629	G7	R738	J10
C605	F7	CE629	E4	R631	G6	R740	G9
C606	G7	CE630	G4	R632	H7	R741	J9
C607	C8	CE631	F4	R633	I7	R742	G8
C608	E7	CE632	E2	R634	J6	R743	H9
C609	H8	CE635	I4	R635	J6	R745	I9
C610	H7	CE636	G3	R636	C4	R746	J8
C611	E6	CE637	F3	R637	C4	R747	J8
C612	I1	CE639	I3	R638	C5	R748	O7
C613	H8	CE702	O9	R639	C5	R749	M7
C614	I1	CE703	O9	R640	D6	R750	M7
C615	G6	CE704	O8	R642	C5	R751	M7
C616	G6	CE706	D9	R643	C5	R752	M6
C618	G7	CE708	E10	R644	F6	R753	N6
C621	H7	CE709	F9	R646	G6	R754	O7
C622	E5	CE710	F9	R647	G6	R755	O6
C623	E6	CE711	G10	R650	G6	R756	O7
C624	F5	CE712	F10	R653	H6	R757	O7
C625	F5	CE713	E9	R654	I6	R758	M2
C626	C5	CE714	H8	R655	J5	R759	M3
C627	O5	CE716	I10	R656	J5	R760	N3
C629	H5	CE717	G9	R657	G4	R761	N3
C630	H6	CE718	F9	R658	G4	R762	O3
C631	E4	CE720	I9	R659	F5	R763	O3
C632	H5	CE721	O6	R661	G5	R764	N5
C633	G4	CE722	O6	R662	G5	R765	O5
C634	G4	CE723	O7	R664	G4	R766	N5
C635	G4	CE724	O6	R665	H5	R767	N4
C637	H5	CE725	N11	R666	I5	R768	N4
C638	D3	CE726	N11	R667	J4	R769	F10
C639	E4	CE728	O10	R668	J4	R770	M11
C640	E2	CE733	O11	R669	C2	R771	M10
C641	G3	CON701	P11	R670	C2	R772	M10
C642	G3	CON702	P7	R671	C2	R773	N10
C643	F3	D701	M3	R672	C3	R774	M11
C644	H2	IC601	E7	R673	D3	R775	N11
C645	H4	IC602	E5	R674	G3	R776	O11
C647	H4	IC603	E3	R675	G3	R777	L10
C648	G2	IC604	H7	R676	F4	R778	L11
C649	G2	IC605	H5	R677	J6	R779	K9
C651	G2	IC606	H3	R678	G3	R780	K9
C652	H2	IC607	I8	R679	J5	R781	K8
C702	O8	IC608	I7	R681	G4	R782	K7
C703	O9	IC609	I6	R682	G4	R783	K6
C704	P9	IC610	I5	R684	H3	R784	K5
C705	O8	IC611	I4	R685	H4	R785	K4
C707	C9	IC612	I2	R686	I4	R786	K2
C708	D10	IC702	P8	R687	J3	R787	C10
C710	F10	IC703	E9	R688	J3	R788	C8
C711	F9	IC704	H9	R689	G2	R789	C11
C712	O9	IC705	I10	R690	G2	R790	D11
C713	G10	IC706	I9	R691	F3	R791	D11
C715	H10	IC707	K10	R693	G2	R792	E11
C716	H9	IC708	N7	R694	J4	R793	F11
C718	H10	IC709	N3	R695	J2	R794	F11
C719	G8	IC710	N5	R696	G3		
C720	G9	IC711	O4	R697	G2		
C722	G9	IC712	E11	R698	H3		
C723	H9	IC713	C11	R699	I3		
C724	N6	L602	I12	R700	J2		
C725	O6	Q601	F8	R701	O8		
C726	O7	Q602	F6	R702	O8		
C727	M2	Q603	F4	R703	O9		
C728	P3	Q701	M3	R704	O9		
C729	O5	Q702	O3	R705	K10		
C730	N5	Q703	M11	R706	O9		
C731	N4	Q704	N11	R707	P9		
C732	N10	Q705	F10	R708	P9		
C733	N11	R600	J2	R709	C9		
C734	N11	R601	C6	R710	C9		
C735	O11	R602	C7	R711	C9		
C736	P10	R603	C7	R712	C9		
CE601	C7	R604	C7	R713	D10		
CE602	D7	R605	D8	R714	F10		
CE603	E8	R606	F8	R715	G9		
CE604	F7	R607	G7	R716	G9		
CE605	F8	R608	G7	R717	F10		
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CE607	E7	R610	J8	R719	G10		
CE609	H12	R611	J8	R721	G10		
CE610	I12	R612	J7	R722	K10		
CE611	I8	R614	G8	R723	G10		
CE612	G7	R615	G8	R726	H10		
CE613	F7	R616	F8	R727	I10		
CE616	I7	R618	H8	R728	J10		
CE617	E6	R620	I8	R729	J9		
CE619	G6	R621	J7	R730	K10		
CE620	F6	R622	J7	R731	F9		
CE621	E5	R623	G6	R732	K10		
CE622	H4	R624	G6	R733	J9		
CE624	I6	R625	F7	R734	G8		

- ➔ AUDIO DIGITAL DATA INPUT
- ➔ CLOCK
- ➔ DIGITAL DATA OUT
- ➔ AUDIO 2CH R OUT
- ➔ AUDIO 2CH L OUT
- ➔ AUDIO 5.1 CH FR / RR OUT
- ➔ AUDIO 5.1 CH FL / RL OUT
- ➔ AUDIO 5.1CH CENTER OUT
- ➔ AUDIO 5.1CH WOOFER OUT

IC607,608,609,610,611,612 are defective  
Audio pop noise or 5.1CH Audio out bad

'99 04.07 R10434A  
AUDIO DM & 5.1CH

# 6. μ-COM/EXPANDER CIRCUIT DIAGRAM

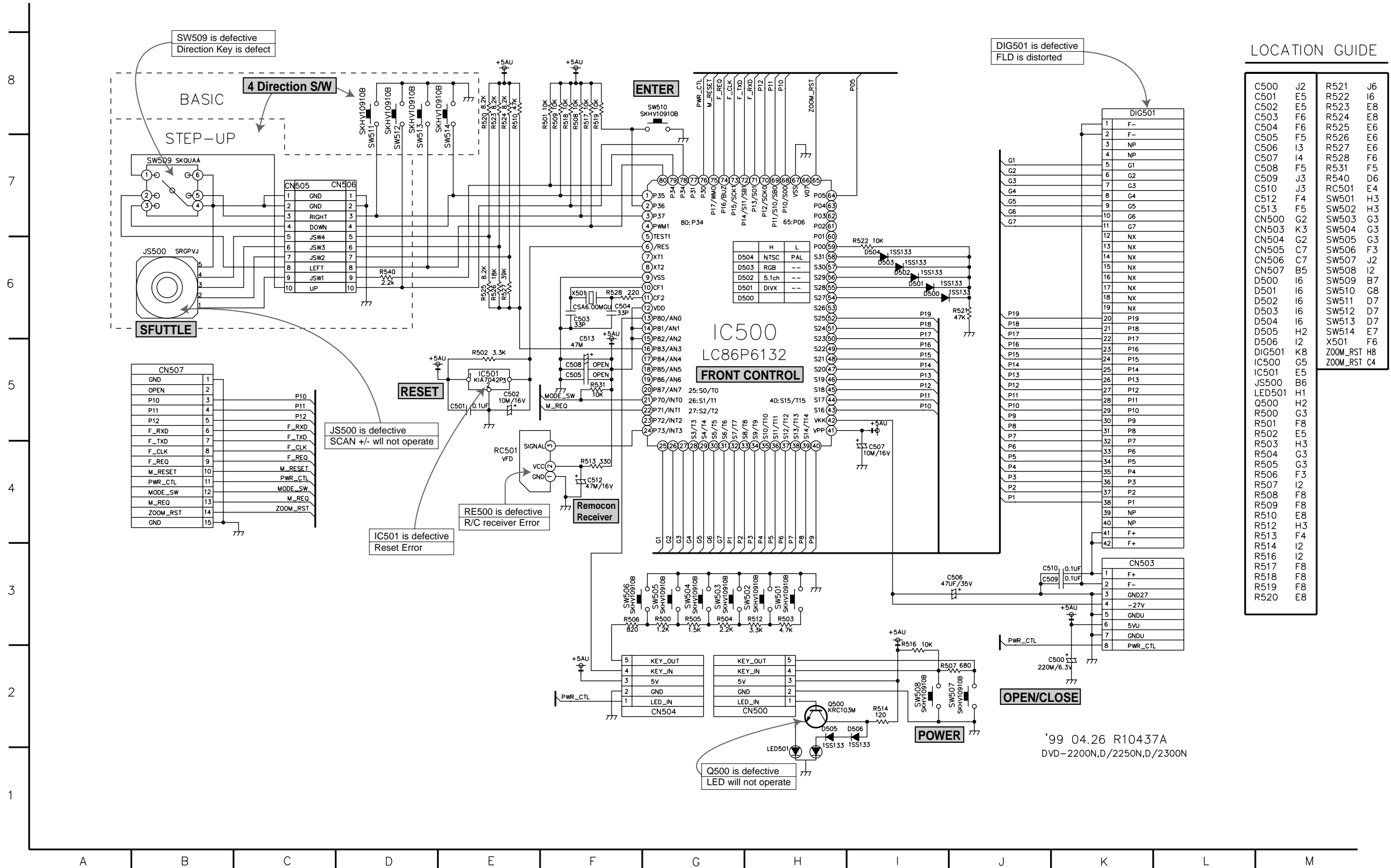


## LOCATION GUIDE

C101	H2	R131	E7
C102	J3	R132	B8
C103	I4	R133	A8
C104	J6	R135	K3
C106	B8	R136	K3
C107	B6	R137	K3
C108	B2	R146	K8
C109	B2	R147	K8
C110	D2	R148	K8
C111	D2	R149	K8
C112	F3	R150	K8
C113	F3	R151	K7
C114	E8	R152	K7
C118	F2	R153	K7
C119	I8	R154	K7
C120	I7	R155	K7
C123	L3	R157	K7
C124	L3	R158	K7
C125	L3	R159	K7
C126	K2	R161	I8
C127	L2	R162	I6
C128	K2	R163	H5
C129	K2	R164	I4
C130	L4	R165	I6
C131	L2	R166	J6
C132	L2	R167	J6
C133	L3	R168	K2
C339	J6	R169	K2
C340	K5	R170	K8
C341	K5	R172	H8
IC101	H3	R173	H8
IC102	I7	R174	I8
IC103	I7	R175	I8
IC106	C8	R176	I8
IC107	F8	R177	I8
IC108	D5	R178	I7
IC109	I8	R179	H8
IC114	F2	R180	D2
IC311	K5	R181	J4
L101	B6	R186	I2
L102	B3	R190	K2
L103	B2	R192	B3
L104	F3	R198	B7
L105	F3	R199	C7
L106	K2	R324	J6
R02	I2	R325	K6
R03	I4	R326	K5
R04	I4	R327	K5
R101	F4	R328	K5
R102	F3	R329	K5
R103	F3	R330	K5
R104	D8	R331	K5
R105	D8	R332	L5
R106	F5	R333	L5
R107	F5	R334	K6
R108	F5	R336	K6
R109	F5		
R112	B2		
R113	B2		
R114	D2		
R115	G4		
R116	G3		
R118	F6		
R119	I6		
R122	F3		
R124	F4		
R125	F4		

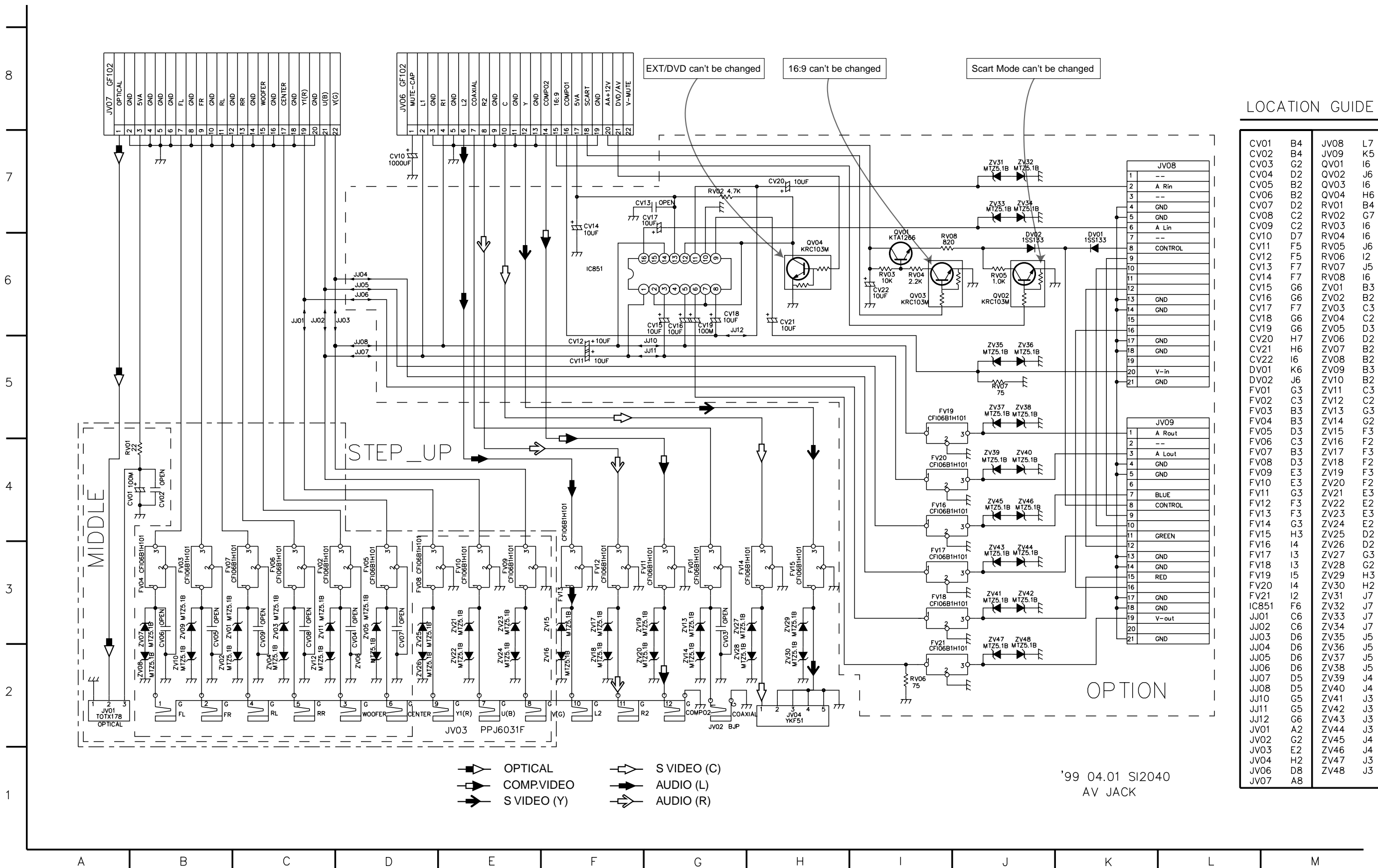
'99 04.01 SI2022  
MICOM & EXPANDER

# 7. FRONT(TIMER) & KEY CIRCUIT DIAGRAM



'99 04.26 R10437A  
DVD-2200N,D/2250N,D/2300N

# 8. JACK CIRCUIT DIAGRAM



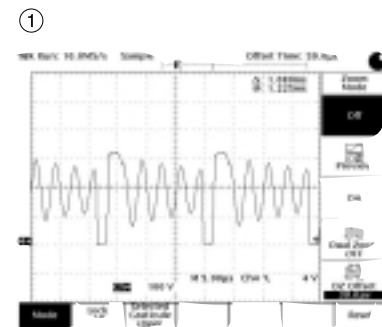
## LOCATION GUIDE

CV01	B4	JV08	L7
CV02	B4	JV09	K5
CV03	G2	QV01	I6
CV04	D2	QV02	J6
CV05	B2	QV03	I6
CV06	B2	QV04	H6
CV07	D2	RV01	B4
CV08	C2	RV02	C7
CV09	C2	RV03	I6
CV10	D7	RV04	I6
CV11	F5	RV05	J6
CV12	F5	RV06	I2
CV13	F7	RV07	J5
CV14	F7	RV08	I6
CV15	G6	ZV01	B3
CV16	G6	ZV02	B2
CV17	F7	ZV03	C3
CV18	G6	ZV04	C2
CV19	G6	ZV05	D3
CV20	H7	ZV06	D2
CV21	H6	ZV07	B2
CV22	I6	ZV08	B2
DV01	K6	ZV09	B3
DV02	J6	ZV10	B2
FV01	G3	ZV11	C3
FV02	C3	ZV12	C2
FV03	B3	ZV13	G3
FV04	B3	ZV14	G2
FV05	D3	ZV15	F3
FV06	C3	ZV16	F2
FV07	B3	ZV17	F3
FV08	D3	ZV18	F2
FV09	E3	ZV19	F3
FV10	E3	ZV20	F2
FV11	G3	ZV21	E3
FV12	F3	ZV22	E2
FV13	F3	ZV23	E3
FV14	G3	ZV24	E2
FV15	H3	ZV25	D2
FV16	I4	ZV26	D2
FV17	I3	ZV27	G3
FV18	I3	ZV28	G2
FV19	I5	ZV29	H3
FV20	I4	ZV30	H2
FV21	I2	ZV31	J7
IC851	F6	ZV32	J7
JJ01	C6	ZV33	J7
JJ02	C6	ZV34	J7
JJ03	D6	ZV35	J5
JJ04	D6	ZV36	J5
JJ05	D6	ZV37	J5
JJ06	D6	ZV38	J5
JJ07	D5	ZV39	J4
JJ08	D5	ZV40	J4
JJ10	G5	ZV41	J3
JJ11	G5	ZV42	J3
JJ12	G6	ZV43	J3
JV01	A2	ZV44	J3
JV02	G2	ZV45	J4
JV03	E2	ZV46	J4
JV04	H2	ZV47	J3
JV06	D8	ZV48	J3
JV07	A8		

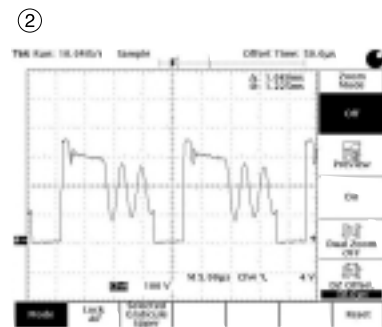
'99 04.01 SI2040  
AV JACK



## WAVEFORM (POWER)

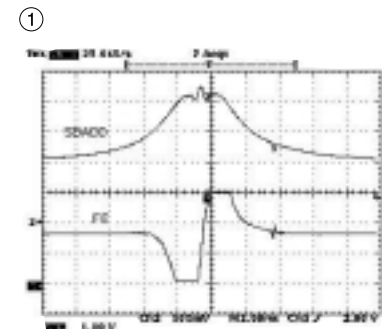


IC901 Pin ③  
STAND-BY(AC110V)

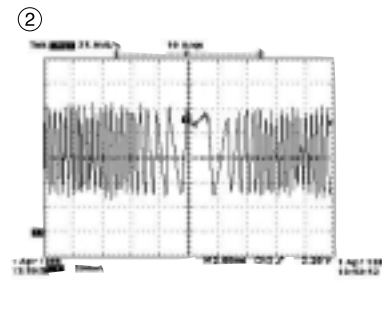


IC903 Pin ③  
PLAY(AC110V)

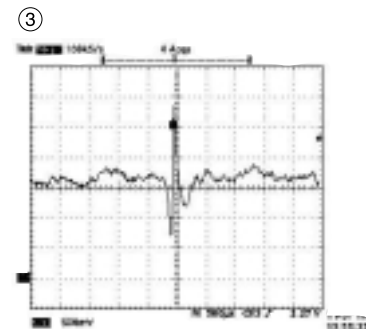
## (RF/SERVO)



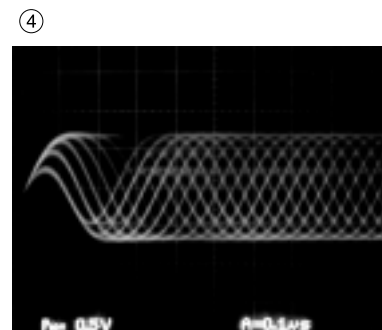
IC201 Pin ⑳, Focus Error  
IC201 Pin ⑱, SBADD



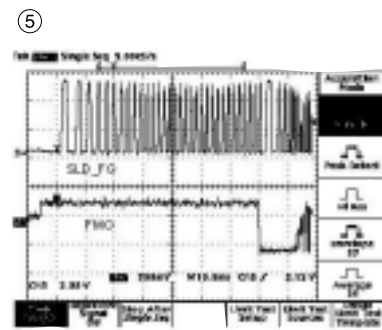
IC201 Pin ⑳  
Tracking Error



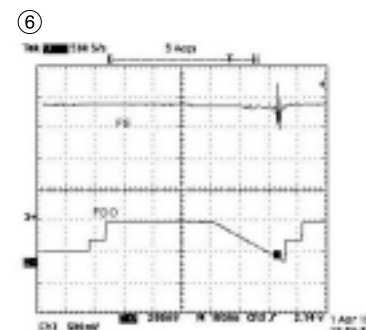
IC201 Pin ⑳  
VBR TRACKING Error



IC201 Pin ⑳,  
RF

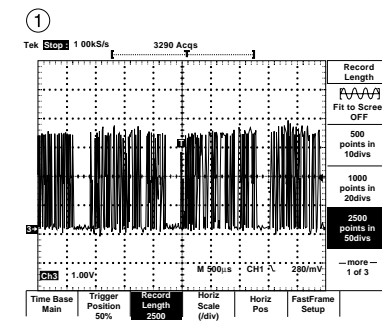


IC206 Pin ⑳, SLED Drive(FMO)  
IC202 Pin ⑱, SLED FG

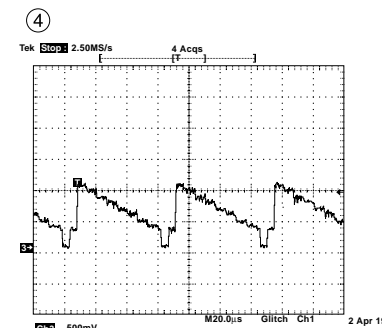


IC201 Pin ⑳, Focus Error(in Focus Search)  
IC206 Pin ⑳, Focus Drive(FDO)

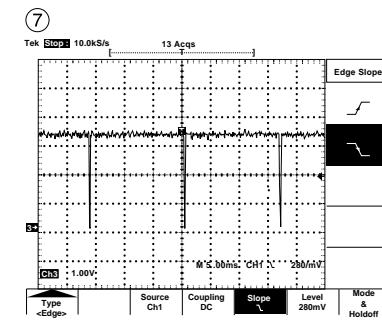
## (VIDEO ENCODER)



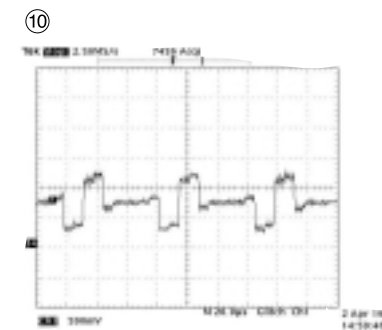
IC800 Pin ⑳~㉓, MPEG Data  
IC801 Pin ⑬~⑯, ⑲~㉒, MPEG Data



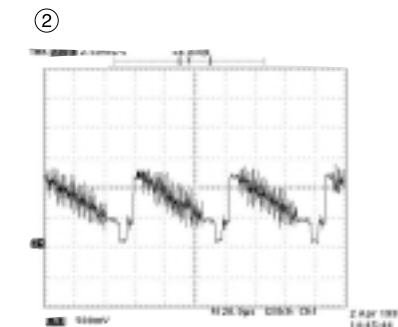
IC800 Pin ⑬, Luminance  
IC801 Pin ⑤⑨, Luminance



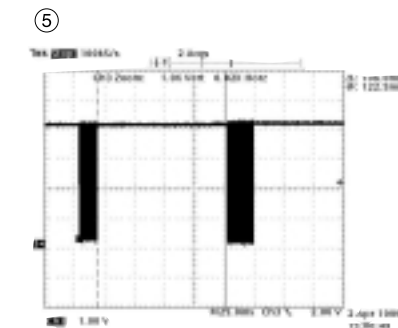
IC800 Pin ④⑨, Vertical SYNC  
IC801 Pin ②④, Vertical SYNC



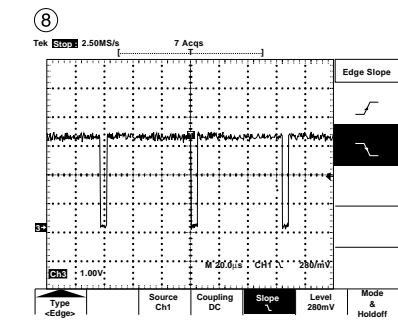
IC801 Pin ④③ Component Pr



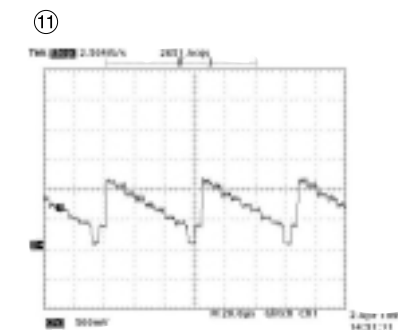
IC800 Pin ⑩, Composite  
IC801 Pin ⑤⑦, Composite



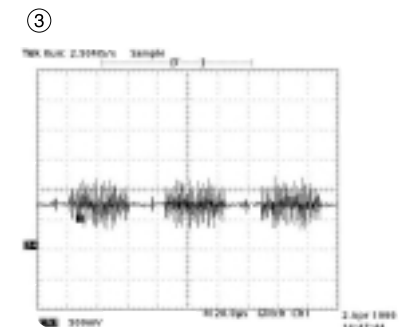
IC800 Pin ④⑩, ④① SDA/SCL  
IC801 Pin ⑦⑤, ⑦⑥ SDA/SCL



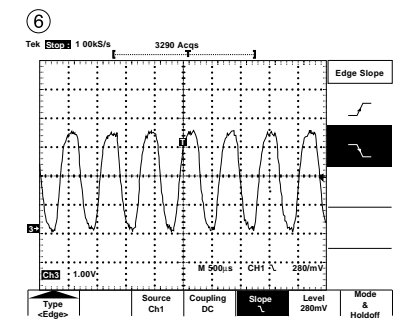
IC800 Pin ⑤⑩ Horizontal SYNC  
IC801 Pin ⑤⑨ Horizontal SYNC



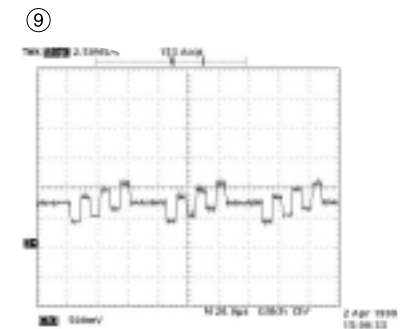
IC801 Pin ④④ Component Y



IC800 Pin ⑫, Chrominance  
IC801 Pin ⑤⑧, Chrominance



IC800 Pin ④③, MPEG Clock(27MHz)  
IC801 Pin ⑦①, MPEG Clock(27MHz)



IC801 Pin ④② Component Pb