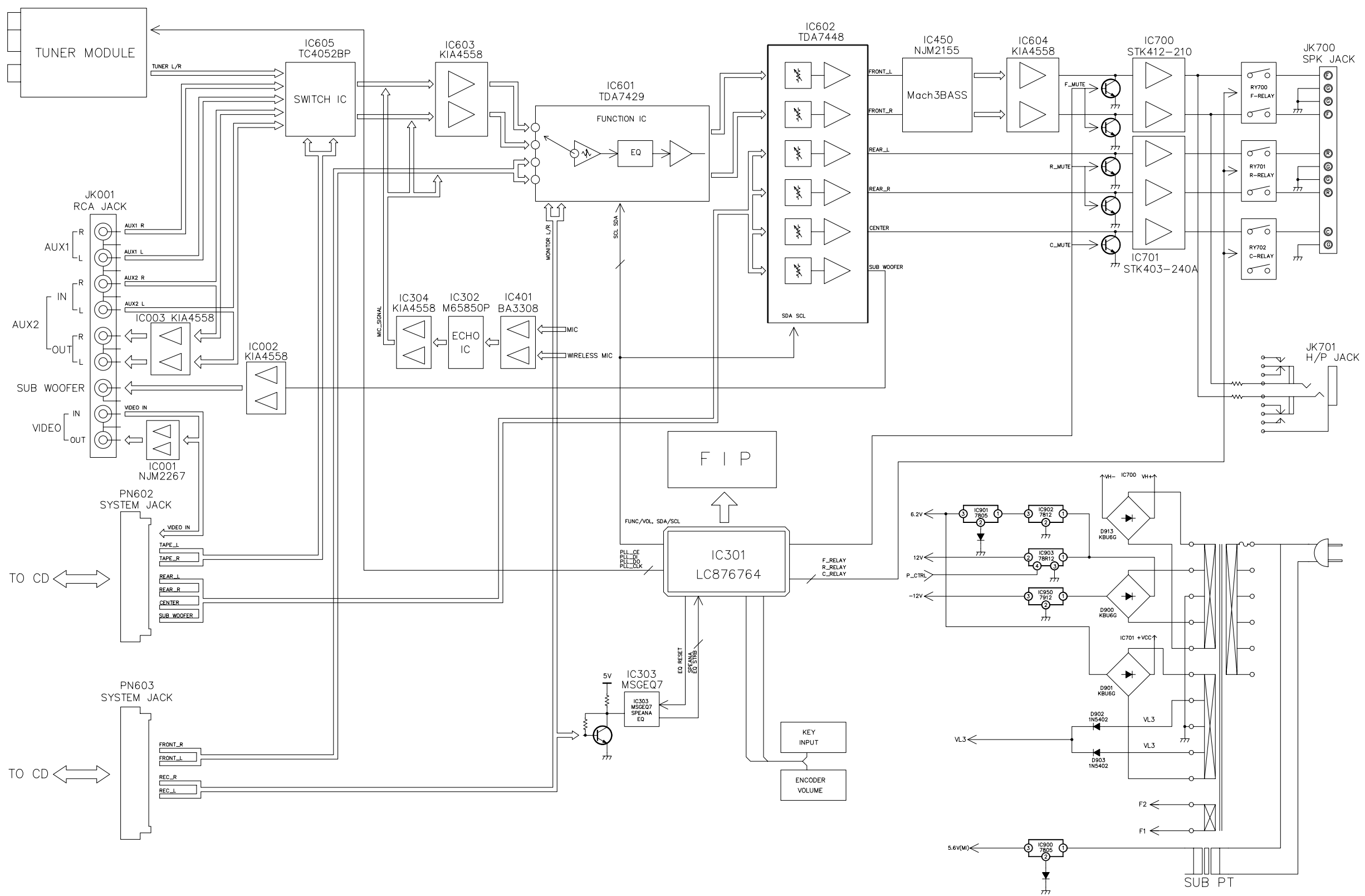


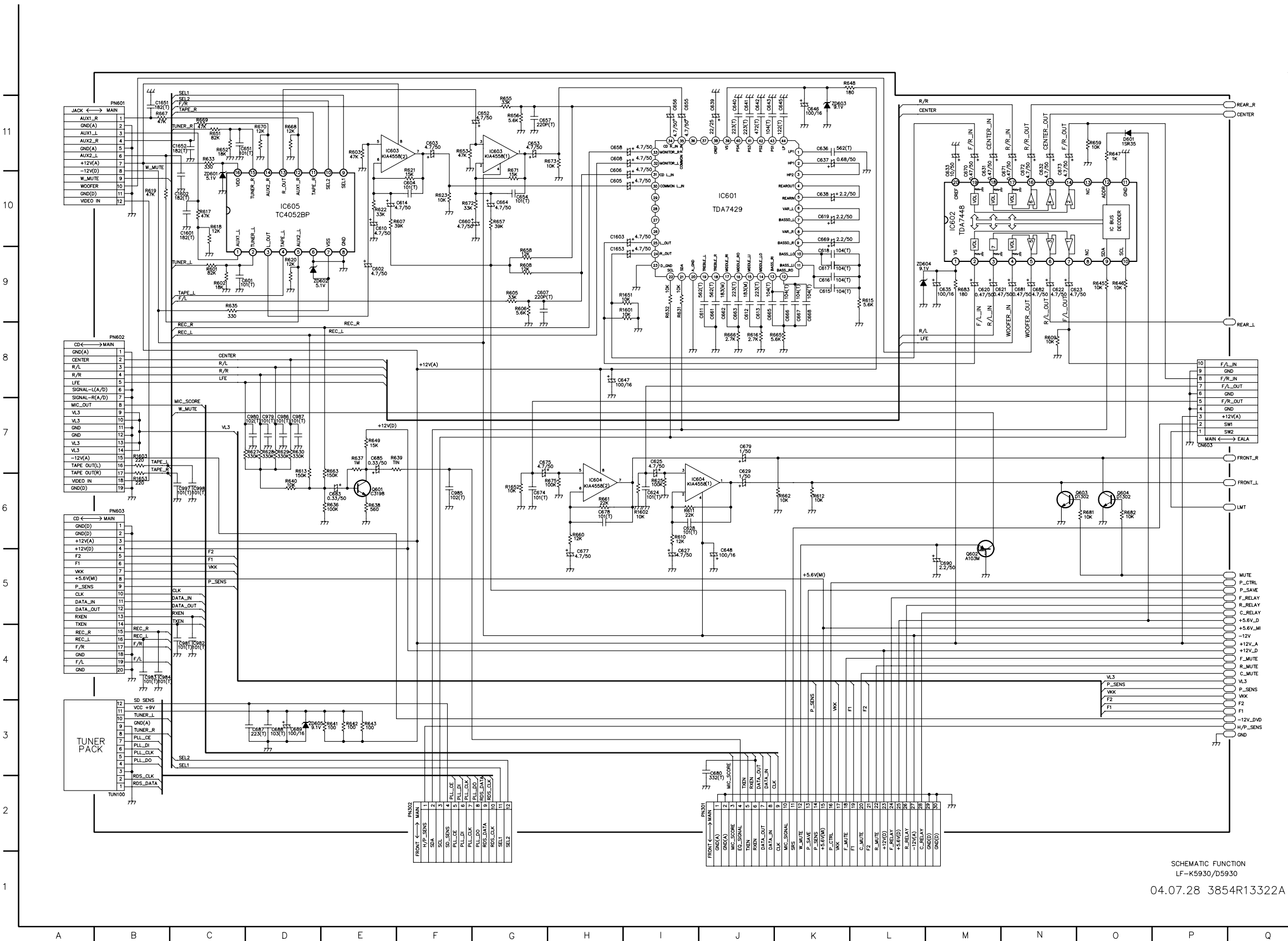
**AUDIO BLOCK DIAGRAM**



BLOCK DIAGRAM  
LF-K5930/D5930  
VD 3854R13326A

# SCHEMATIC DIAGRAM

## MAIN(FUNCTION) SCHEMATIC DIAGRAM

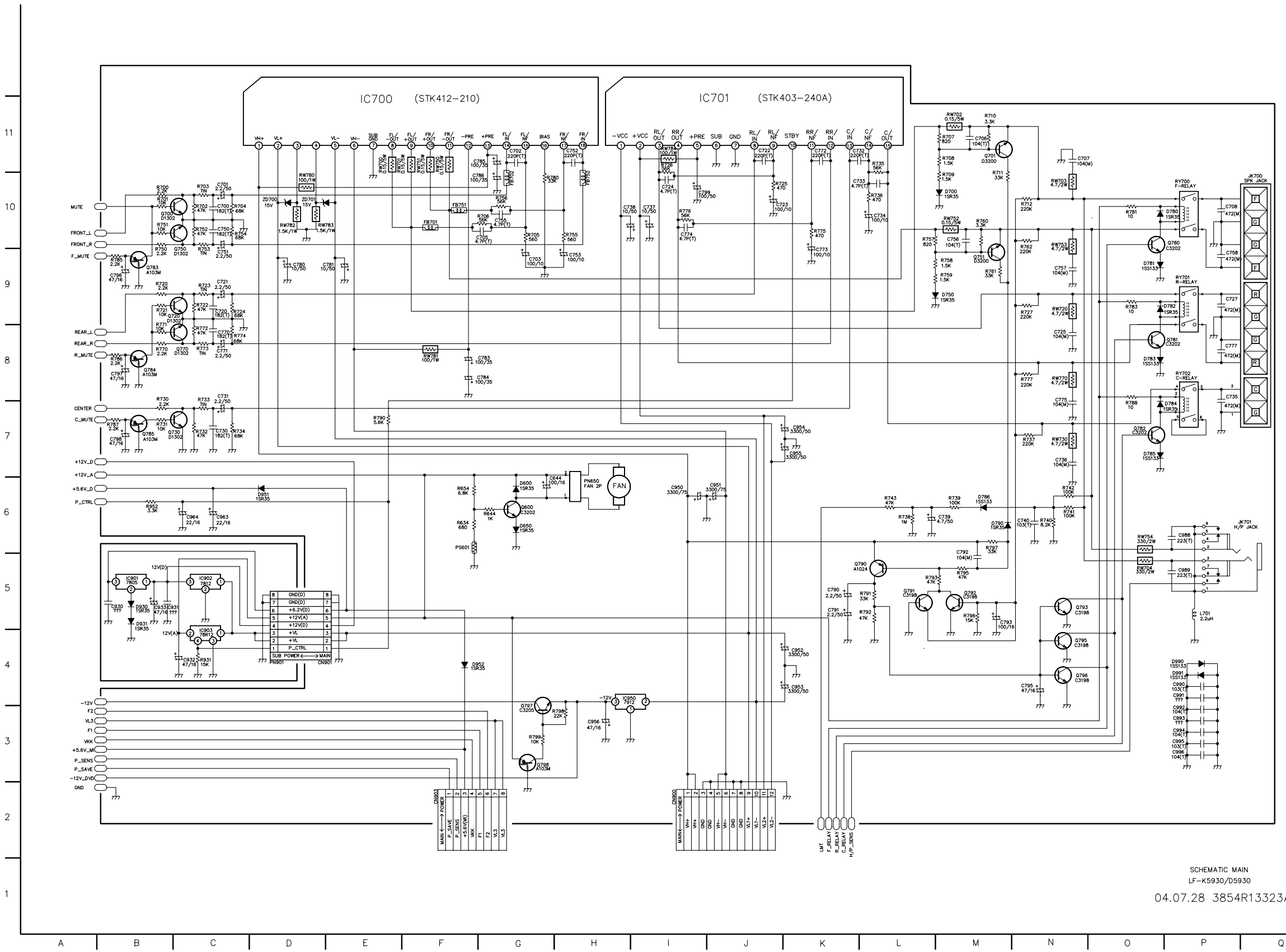


### LOCATION GUIDE

C1601	C10	IC601	J10
C1602	C10	IC602	M10
C1603	H10	IC603	G11
C1651	B11	IC604	I6
C1652	C11	IC605	D10
C1653	H9	PN301	J2
C601	C9	PN302	F2
C602	E9	PN601	B11
C603	F11	PN602	B8
C604	F10	PN603	B6
C605	H10	Q601	E6
C606	H10	Q602	M5
C607	G9	Q603	N6
C608	H11	Q604	O6
C610	E10	R1601	H9
C611	J9	R1602	I6
C612	J9	R1603	B7
C613	J9	R1651	H9
C614	F10	R1652	G6
C615	K9	R1653	B6
C616	K9	R6501	C9
C617	K9	R6502	C9
C618	K9	R6503	E11
C619	K10	R6505	G9
C620	M9	R6506	G9
C621	M9	R6507	E10
C622	N9	R6508	G9
C623	N9	R6509	N8
C624	I6	R610	I6
C625	I7	R611	I6
C627	I5	R612	K6
C628	I6	R613	D7
C629	J7	R615	L9
C631	M10	R616	J8
C632	N10	R617	C10
C633	M10	R618	C10
C635	M9	R619	B10
C636	K11	R620	D9
C637	K11	R621	F10
C638	K10	R622	E10
C639	J11	R623	F10
C640	J11	R625	I6
C641	J11	R627	D7
C642	J11	R628	D7
C643	J11	R629	D7
C645	K11	R630	D7
C646	K11	R631	I9
C647	H8	R632	I9
C648	J5	R633	C11
C651	C11	R635	C9
C652	G11	R636	E6
C653	G11	R637	E7
C654	G10	R638	E6
C655	I11	R639	E7
C656	I11	R640	D6
C657	G11	R641	E3
C658	H11	R642	E3
C660	F10	R643	E3
C661	J9	R645	C11
C662	J9	R646	O9
C663	J9	R647	O11
C664	G10	R648	K12
C665	J9	R649	E7
C666	K9	R651	C11
C667	K9	R652	C11
C668	K9	R653	F11
C669	K10	R655	G11
C670	M10	R656	G11
C671	N10	R657	G10
C672	N10	R658	G9
C673	N10	R659	O11
C674	G6	R660	H6
C675	G7	R661	H6
C677	H5	R662	K6
C678	H6	R663	E7
C679	J7	R665	J8
C680	J3	R666	J8
C681	N9	R667	B11
C682	N9	R668	D11
C683	E6	R669	C11
C685	E7	R670	D11
C687	D3	R671	G10
C688	D3	R672	F10
C689	D3	R673	G11
C690	M5	R675	G6
C979	D7	R681	O6
C980	D7	R682	O6
C981	C4	R683	M9
C982	C4	TUN100	B2
C983	B4	ZD601	C10
C984	B4	ZD602	D9
C985	F6	ZD603	K11
C986	D7	ZD604	L9
C987	D7	ZD605	D3
C997	C6		
C998	C6		
CN603	P7		
D601	O11		

SCHEMATIC FUNCTION  
LF-K5930/D5930  
04.07.28 3854R13322A

• MAIN(AMP/SUB POWER) SCHEMATIC DIAGRAM

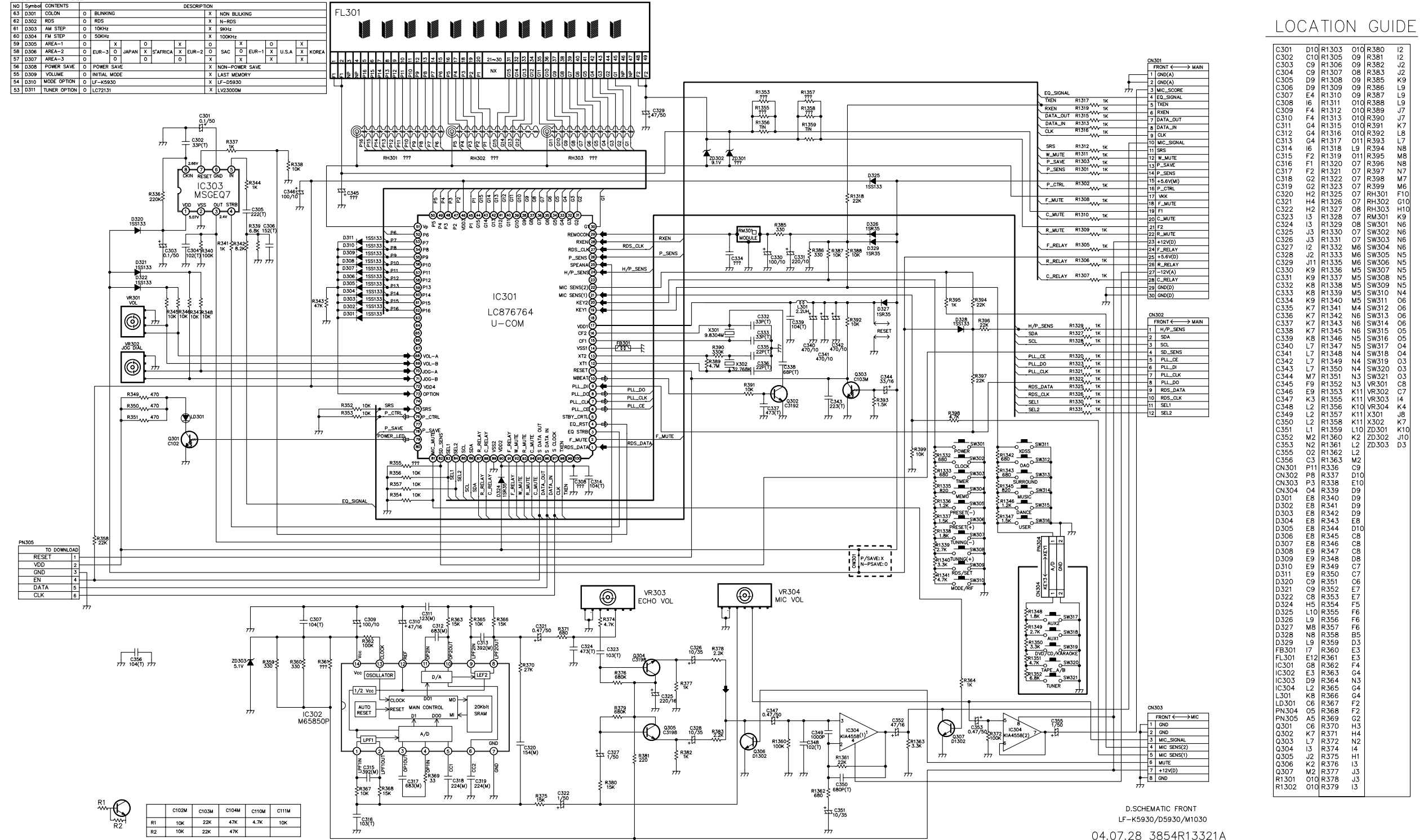
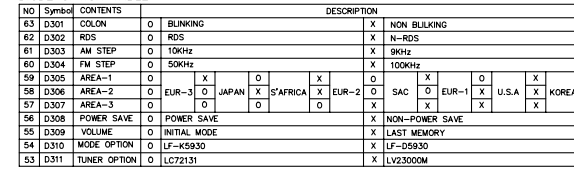


LOCATION GUIDE

C644	G6	IC700	E11	R795	M5
C700	C10	C901	B5	R796	M5
C701	C10	C901	B5	R797	M6
C702	G11	IC902	C5	R798	G3
C703	G9	IC903	C4	R799	G3
C705	F10	IC950	H4	R931	C4
C706	M11	JK700	Q10	R952	B6
C707	N11	JK701	P6	RY700	P10
C708	F10	L701	P5	RY701	P9
C720	C9	PN650	H6	RY702	P8
C721	C9	PN901	D4	ZD700	D10
C722	J11	PS601	F6	ZD701	D10
C723	J10	Q600	G6		
C724	I10	Q700	B10		
C725	N8	Q701	M11		
C727	P9	Q720	B9		
C730	C7	Q730	B7		
C731	C8	Q750	C9		
C732	K11	Q751	M9		
C733	K10	Q770	C8		
C734	L10	Q780	P10		
C735	P8	Q781	P8		
C736	N7	Q782	O7		
C737	I10	Q783	B9		
C738	H10	Q784	B8		
C739	M6	Q785	B7		
C740	N6	Q790	K5		
C750	C10	Q791	L5		
C751	C9	Q792	M5		
C752	H11	Q793	N5		
C753	H9	Q795	N4		
C755	G10	Q796	N4		
C756	M10	Q797	G3		
C757	N9	Q798	G3		
C758	P9	R634	F6		
C770	C8	R644	G6		
C771	C8	R654	F6		
C772	K11	R700	B10		
C773	K9	R701	B10		
C774	I10	R702	C10		
C775	N7	R703	C10		
C777	P8	R704	C10		
C780	D9	R705	G10		
C781	D9	R706	G10		
C783	G8	R707	M11		
C784	F8	R708	M11		
C785	F11	R709	M10		
C786	F10	R710	M11		
C790	K5	R711	M10		
C791	K5	R712	N10		
C792	M5	R720	B9		
C793	M5	R721	B9		
C795	N4	R722	C9		
C796	B9	R723	C9		
C797	B8	R724	C9		
C798	B7	R725	J10		
C799	I10	R726	I11		
C930	B5	R727	N9		
C931	B5	R730	B8		
C932	C4	R731	B7		
C933	B5	R732	C7		
C950	I6	R733	C7		
C951	J6	R734	C7		
C952	K4	R735	L11		
C953	K4	R736	L10		
C954	K7	R737	N7		
C955	K7	R738	L6		
C956	H3	R739	M6		
C963	C8	R740	N6		
C964	C6	R741	N6		
C988	P6	R742	N6		
C989	P5	R743	L6		
C990	P4	R750	B9		
C991	P4	R751	B10		
C992	P3	R752	C10		
C993	P3	R753	C9		
C994	P3	R754	C10		
C995	P3	R755	H10		
C996	P3	R756	G10		
C9900	I2	R757	L10		
CN901	D4	R758	M9		
CN903	F2	R759	M9		
D600	G6	R760	M10		
D650	G6	R761	M9		
D700	M10	R762	N10		
D750	M9	R770	B8		
D780	P10	R771	B8		
D781	O9	R772	C8		
D782	P9	R773	C8		
D783	O8	R774	C8		
D784	P7	R775	K10		
D785	O7	R776	I10		
D786	M6	R777	N8		
D790	M6	R780	G10		
D930	B5	R781	O10		
D931	B5	R783	O9		
D951	D6	R785	B9		
D952	F4	R786	B8		
D990	P4	R787	B7		
D991	P4	R788	O7		
FB701	F10	R790	E7		
FB702	G10	R791	L5		
FB751	F10	R792	L5		
FB752	H10	R793	L5		

SCHEMATIC MAIN  
LF-K5930/D5930  
04.07.28 3854R13323A

• **FRONT SCHEMATIC DIAGRAM**

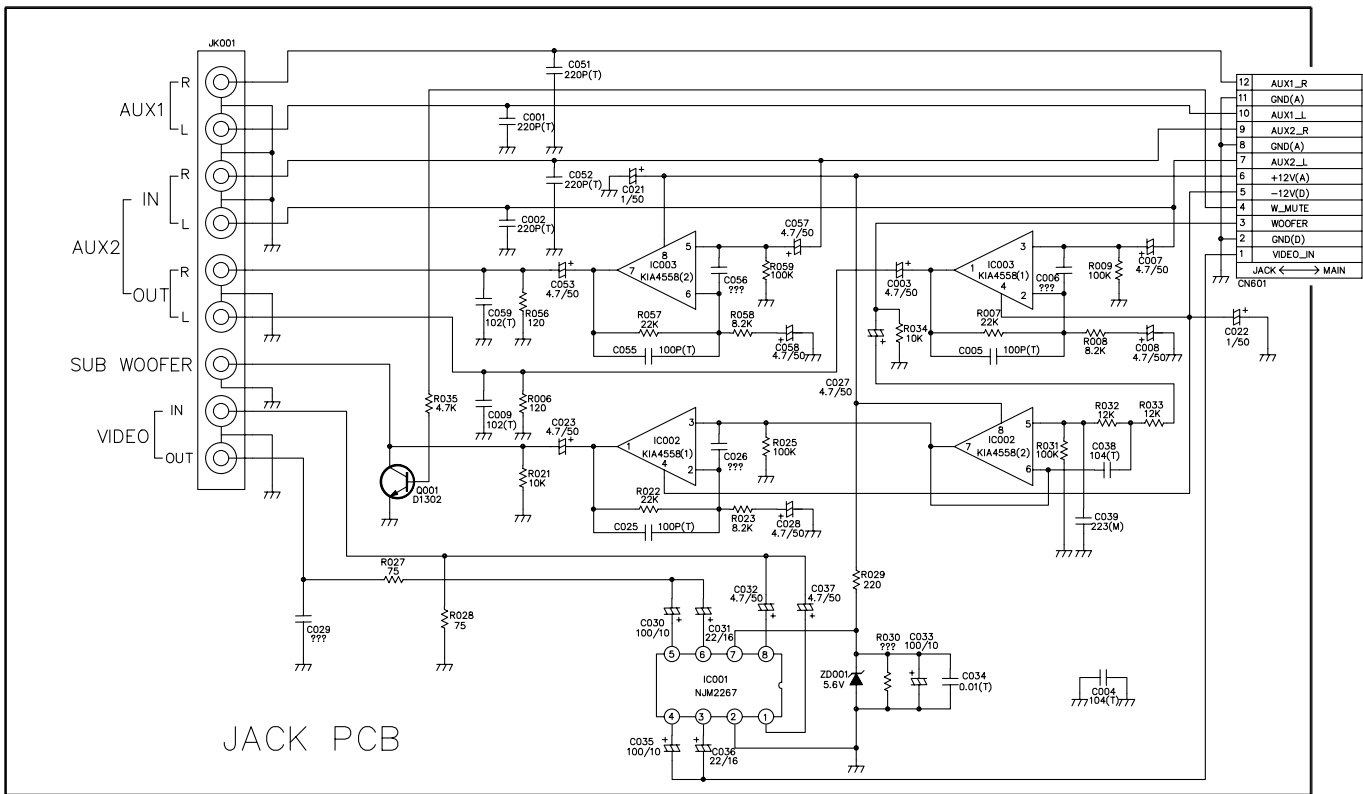
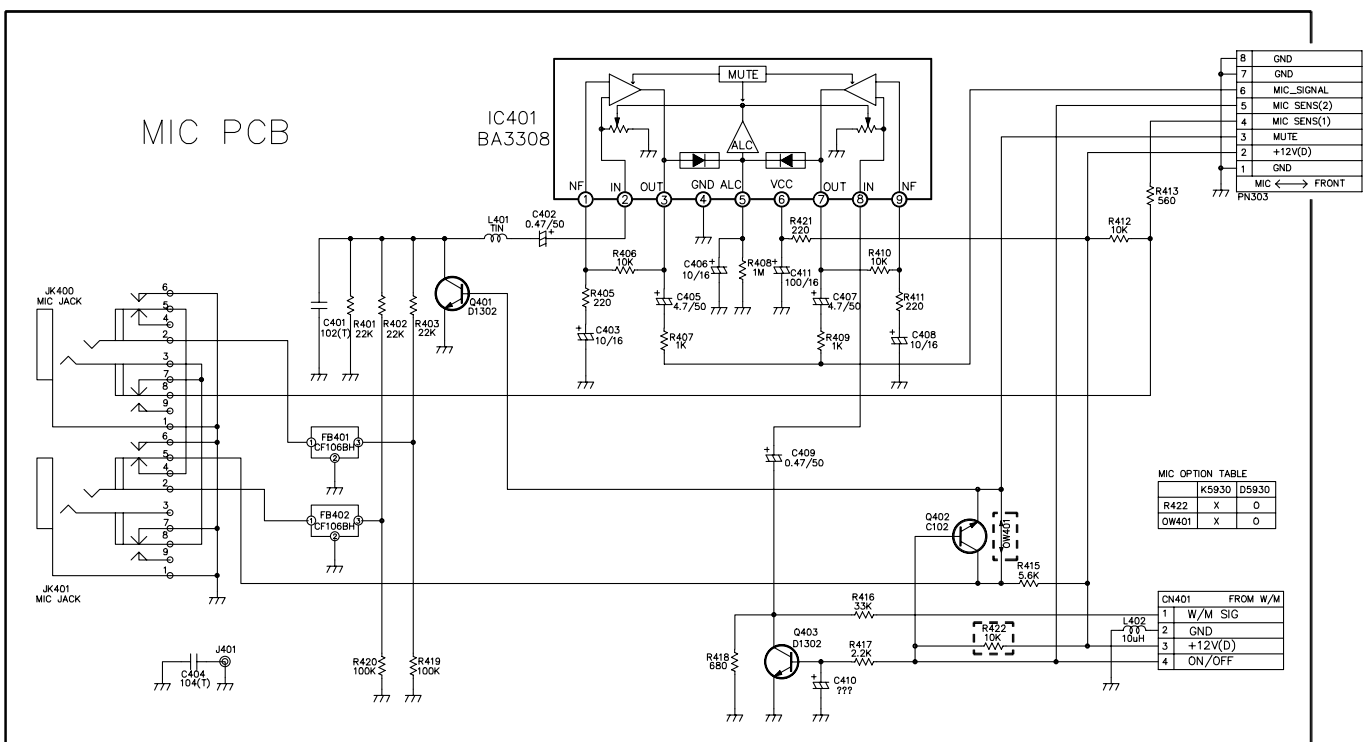
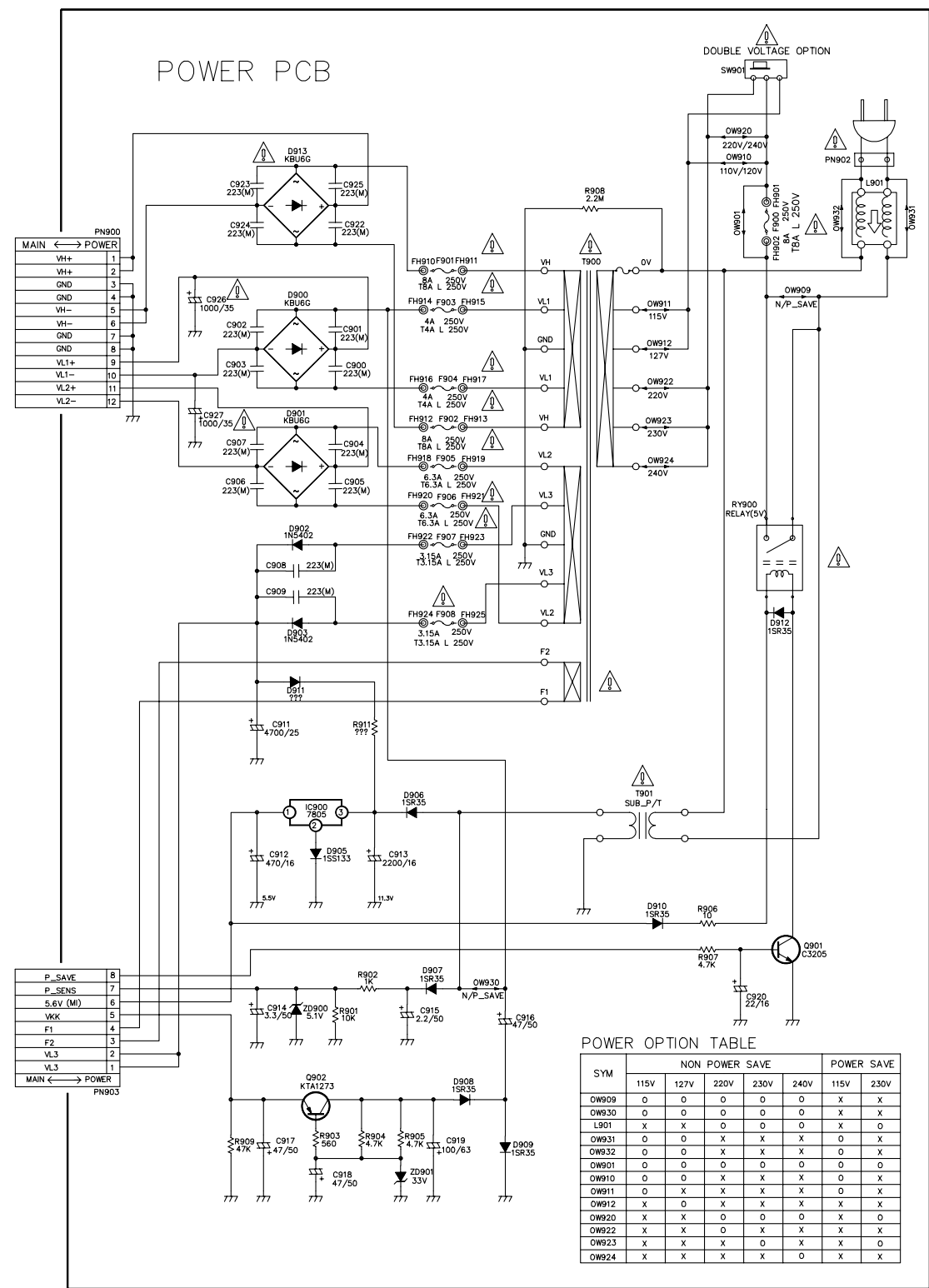


## LOCATION GUIDE

C301	D10	R1303	O10	R380	I2
C302	C10	R1305	O9	R381	I2
C303	C9	R1306	O9	R382	J2
C304	C9	R1307	O8	R383	J2
C305	D9	R1308	O9	R385	K9
C306	D10	R1309	O9	R386	L9
C307	E4	R1310	O9	R38	L9
C308	I6	R1311	O10	R388	L9
C309	F4	R1312	O10	R389	J7
C310	F4	R1313	O10	R390	J7
C311	G4	R1315	O10	R391	K7
C312	G4	R1316	O10	R392	L8
C313	G4	R1317	O11	R393	L7
C314	I6	R1318	L9	R394	N8
C315	F2	R1319	O11	R395	M8
C316	F1	R1320	O7	R396	N8
C317	G2	R1321	O7	R397	N7
C318	G2	R1322	O7	R398	N7
C319	G2	R1323	O7	R399	M6
C320	H2	R1325	O7	RH301	F10
C321	H4	R1326	O7	RH302	G10
C322	H2	R1327	O8	RH303	H10
C323	I3	R1328	O8	RH304	N10
C324	I3	R1329	O8	WS301	N6
C325	J3	R1330	O7	SW302	N6
C326	J3	R1331	O7	SW303	N6
C327	I2	R1332	M6	SW304	N6
C328	I2	R1333	M6	SW305	N5
C329	J11	R1335	M6	SW306	N5
C330	K9	R1336	M5	SW307	N5
C331	K9	R1337	M5	SW308	N5
C332	K8	R1338	M5	SW309	N5
C333	K8	R1339	M5	SW310	N4
C334	K9	R1340	M5	SW311	O6
C335	K7	R1341	N6	SW312	O6
C336	K7	R1342	N6	SW313	O6
C337	K7	R1343	N6	SW314	O6
C338	K7	R1344	N6	SW315	O5
C339	K8	R1346	N5	SW316	O5
C340	L7	R1347	N5	SW317	O4
C341	L7	R1348	N4	SW318	O4
C342	L7	R1349	N4	SW319	O3
C343	L7	R1350	N4	SW320	O3
C344	M7	R1351	N3	SW321	O3
C345	F9	R1352	N3	VR301	C8
C346	E9	R1353	K11	VR302	C7
C347	K12	R1354	K11	VR303	I4
C348	L2	R1356	K10	VR304	K4
C349	L2	R1357	K11	X301	J8
C350	L2	R1358	K11	X302	K7
C351	L1	R1359	L10	ZD301	K10
C352	M2	R1360	K2	ZD302	J10
C353	M2	R1361	K2	ZD303	D3
C355	O2	R1362	L2		
C356	C3	R1363	M2		
CN301	P11	R336	C9		
CN302	PH	R337	D10		
CN303	P3	R338	E10		
CN304	O4	R339	D9		
D301	E8	R340	D9		
D302	E8	R341	D9		
D303	E8	R342	D9		
D304	E8	R343	E8		
D305	E8	R344	D10		
D306	E8	R345	C8		
D307	E8	R346	C8		
D308	E9	R347	C8		
D309	E9	R348	D8		
D310	E9	R349	C7		
D311	E9	R350	C7		
D320	C9	R351	C6		
D321	C9	R352	E7		
D322	H5	R353	E7		
D324	H5	R354	F5		
D325	L10	R355	F6		
D326	L10	R356	F6		
D327	M8	R357	F6		
D328	N8	R358	B5		
D329	L9	R359	D3		
FB301	I7	R360	E3		
FL301	E12	R361	E3		
GC301	G8	R362	D4		
IC302	E3	R363	G4		
IC303	D9	R364	N3		
IC304	L2	R365	G4		
L301	K8	R366	G4		
LD301	O6	R367	F2		
PN304	O5	R368	C2		
PN305	A5	R369	G2		
Q301	C6	R370	H3		
Q302	K7	R371	H4		
Q303	L7	R372	N2		
Q304	I3	R373	I4		
Q305	J2	R375	I1		
Q306	K2	R376	I3		
Q307	M2	R377	J3		
R1301	O10	R378	J3		
R1302	O10	R379	I3		

D.SCHEMATIC FRONT  
LF-K5930/D5930/M1030  
04.07.28 3854R13321A

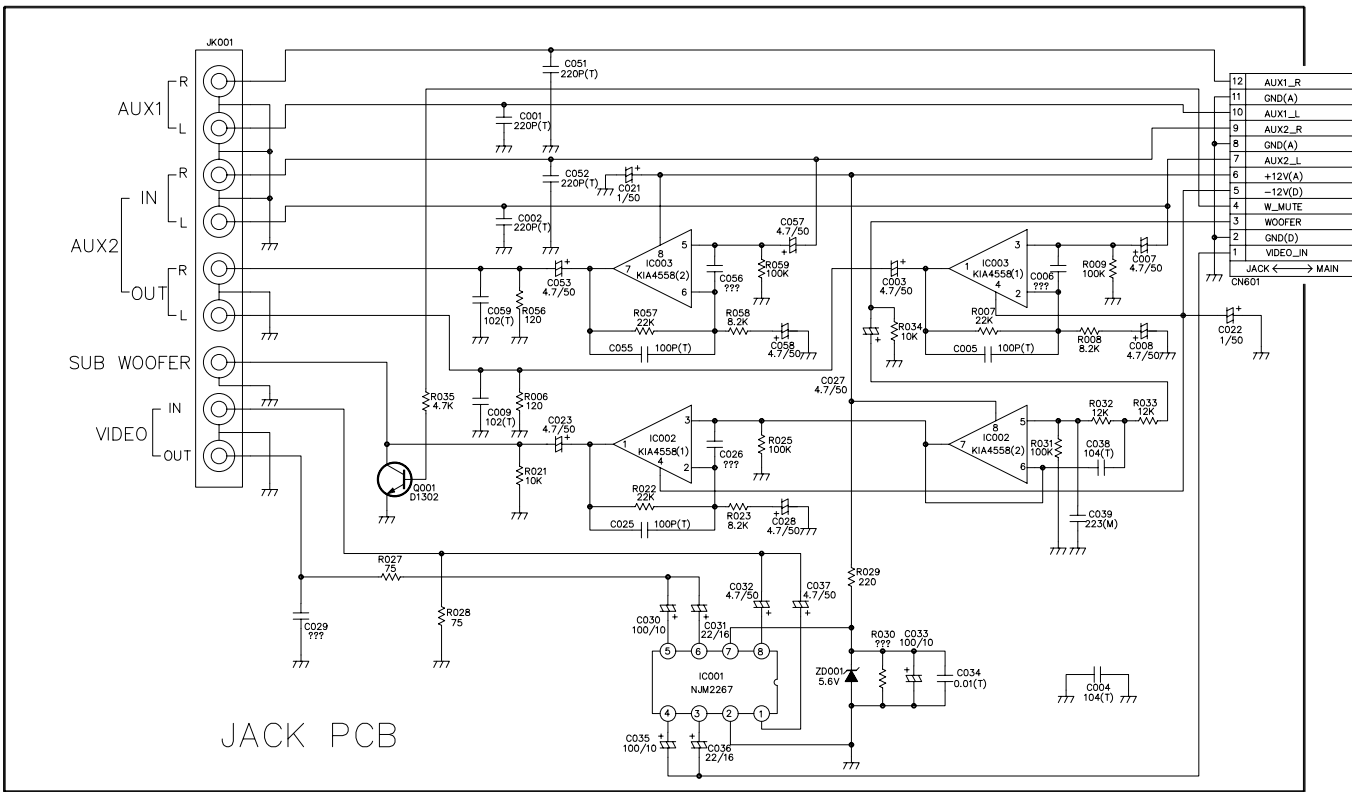
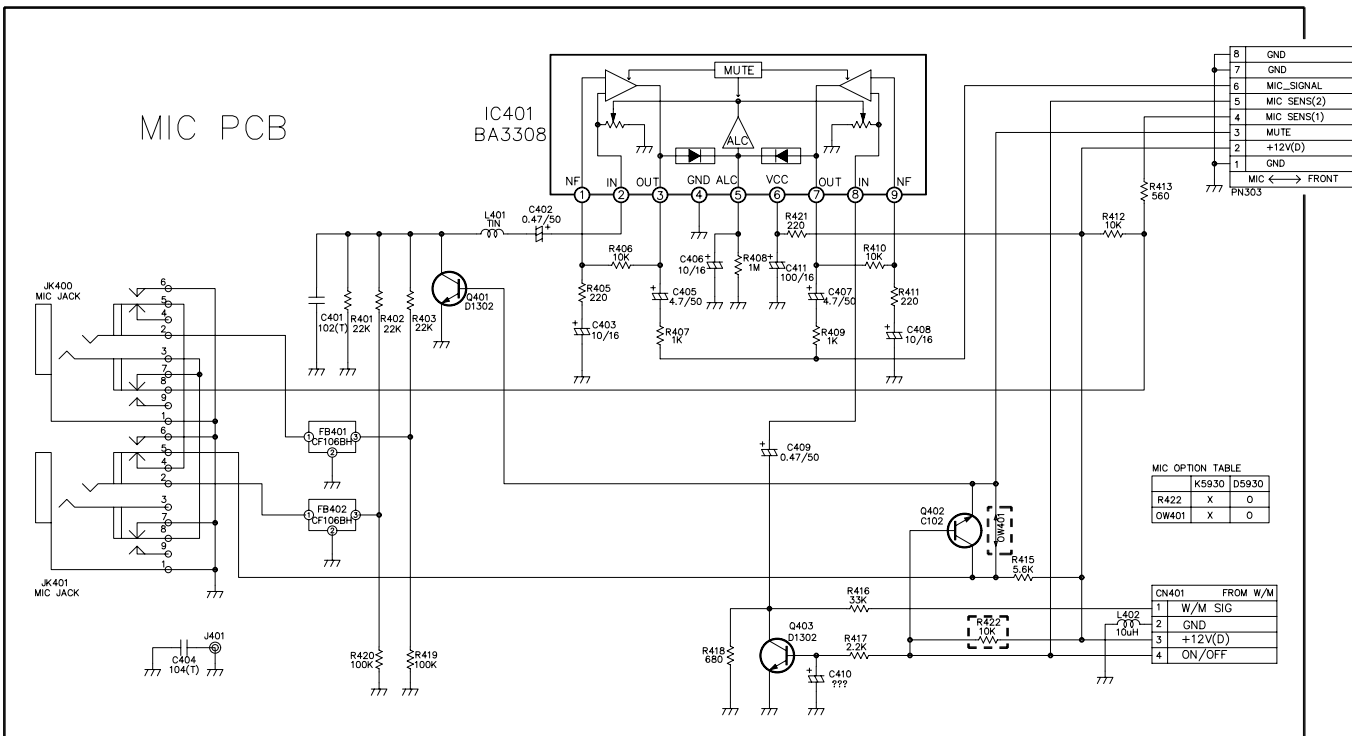
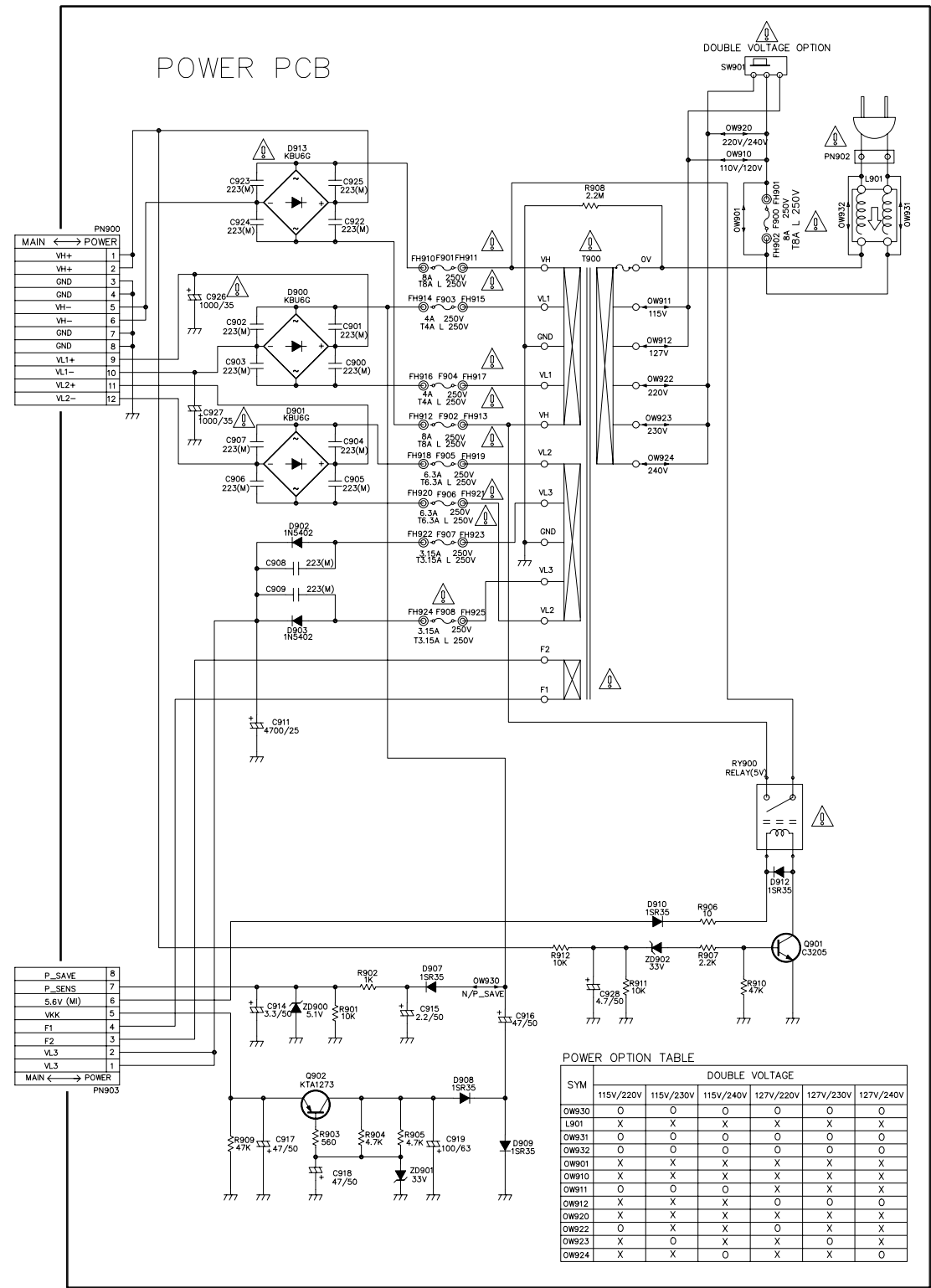
• POWER/MIC/RCA JACK SCHEMATIC DIAGRAM



SCHEMATIC POWER/MIC/JACK  
LF-K5930/D5930  
VD 3854R13324A



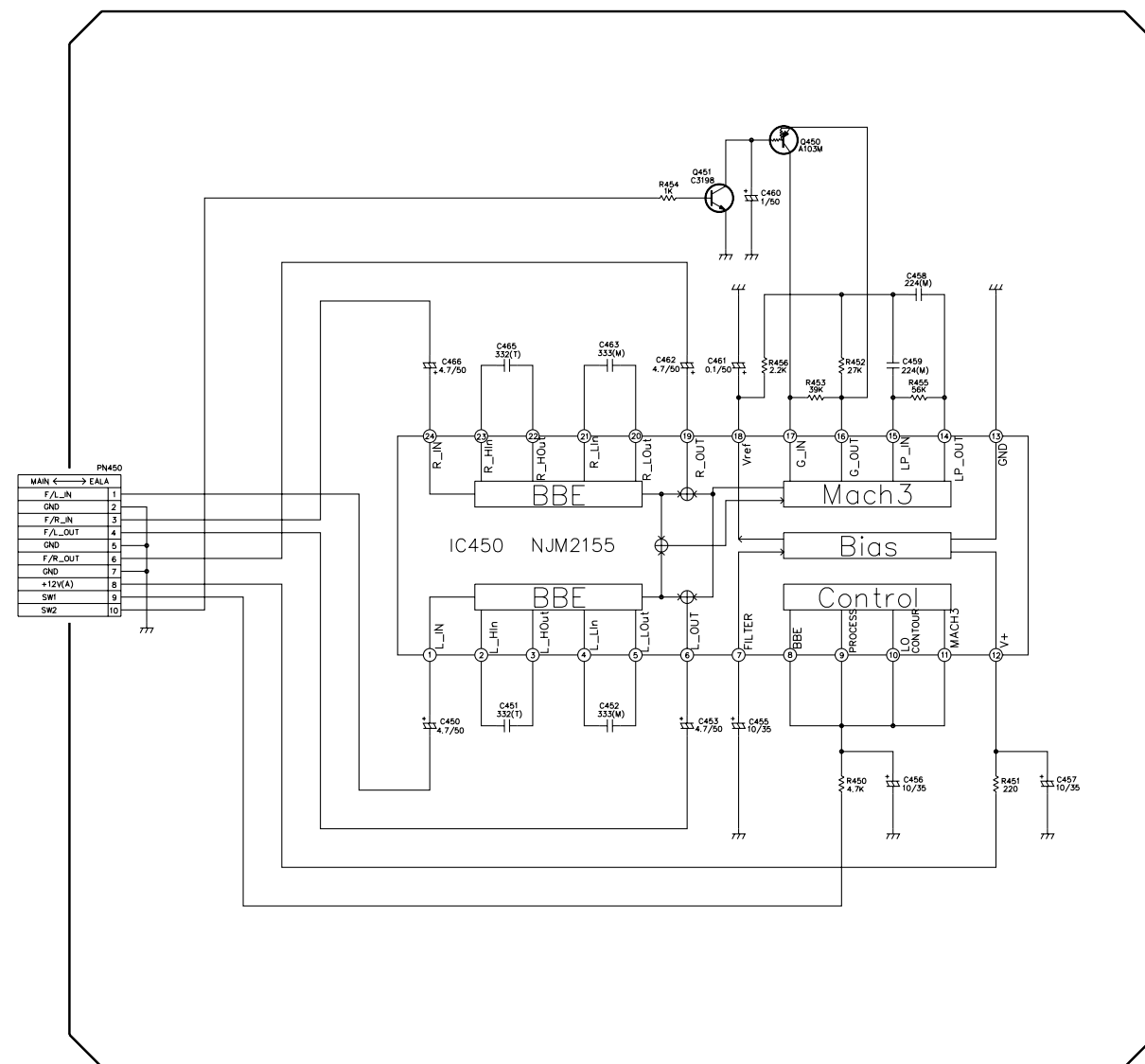
• POWER/MIC/RCA JACK SCHEMATIC DIAGRAM



SCHEMATIC POWER/MIC/JACK  
( LF-K5930/D5930(DOUBLE VOLTAGE))

VD 3854R13328A

### • OAO(MACH 3 BASS) SCHEMATIC DIAGRAM



## LOCATION GUIDE

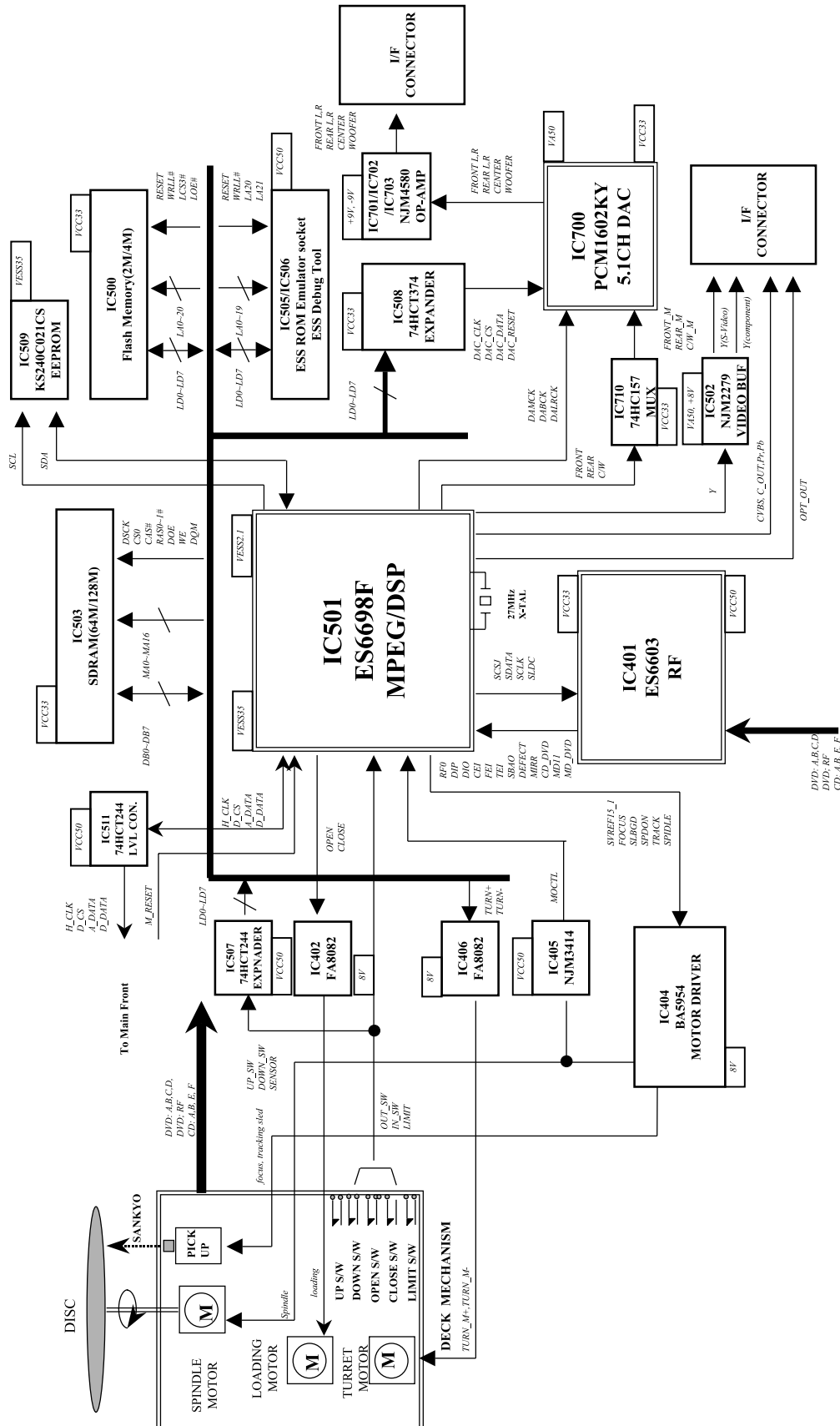
C450	H5
C451	H5
C452	I5
C453	J5
C455	J5
C456	L5
C457	M5
C458	L9
C459	L8
C460	J9
C461	J8
C462	J8
C463	I8
C465	H8
C466	H8
IC450	H6
PN450	E7
Q450	K10
Q451	J9
R450	K5
R451	L5
R452	K8
R453	K8
R454	J9
R455	L8
R456	J8

P : POWER SAVING	TL : TUNER LW BAND	G : GOST-K/R
N2 : 220V ONLY	TS : TUNER SW BAND	NCE : NON CE AREA
N1 : 120V ONLY	TO : ORIT BAND	R : RDS OPTION
ND : DOUBLE VOLTAGE	TJ : JAPAN BAND	UL : UL AREA
O : ONLY	D : DE-EMPHASIS 75MICRO SEC	AX : GOST-K/R
N : NONPOWER SAVING	T2 : 2-BAND	
AS : DECK AUTOSTOP	AR : DECK AUTO REVERSE	

D.SCHEMATIC Mach3BASS  
LF-K5930/D5930/M1030  
04.07.28 3854R13325A

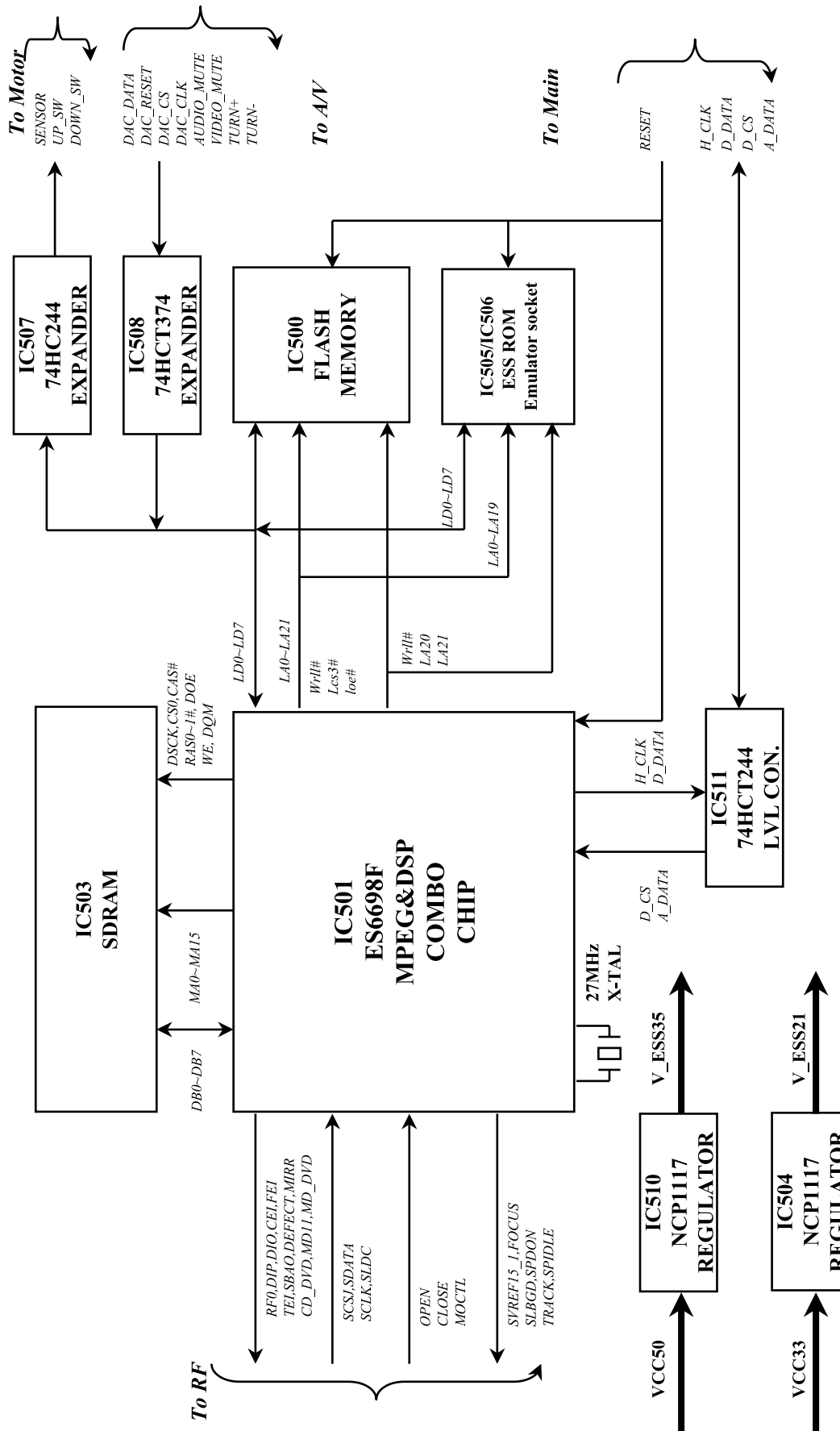
# □ DVD BLOCK DIAGRAM

## • ESS 3-CHANGER SYSTEM BLOCK DIAGRAM

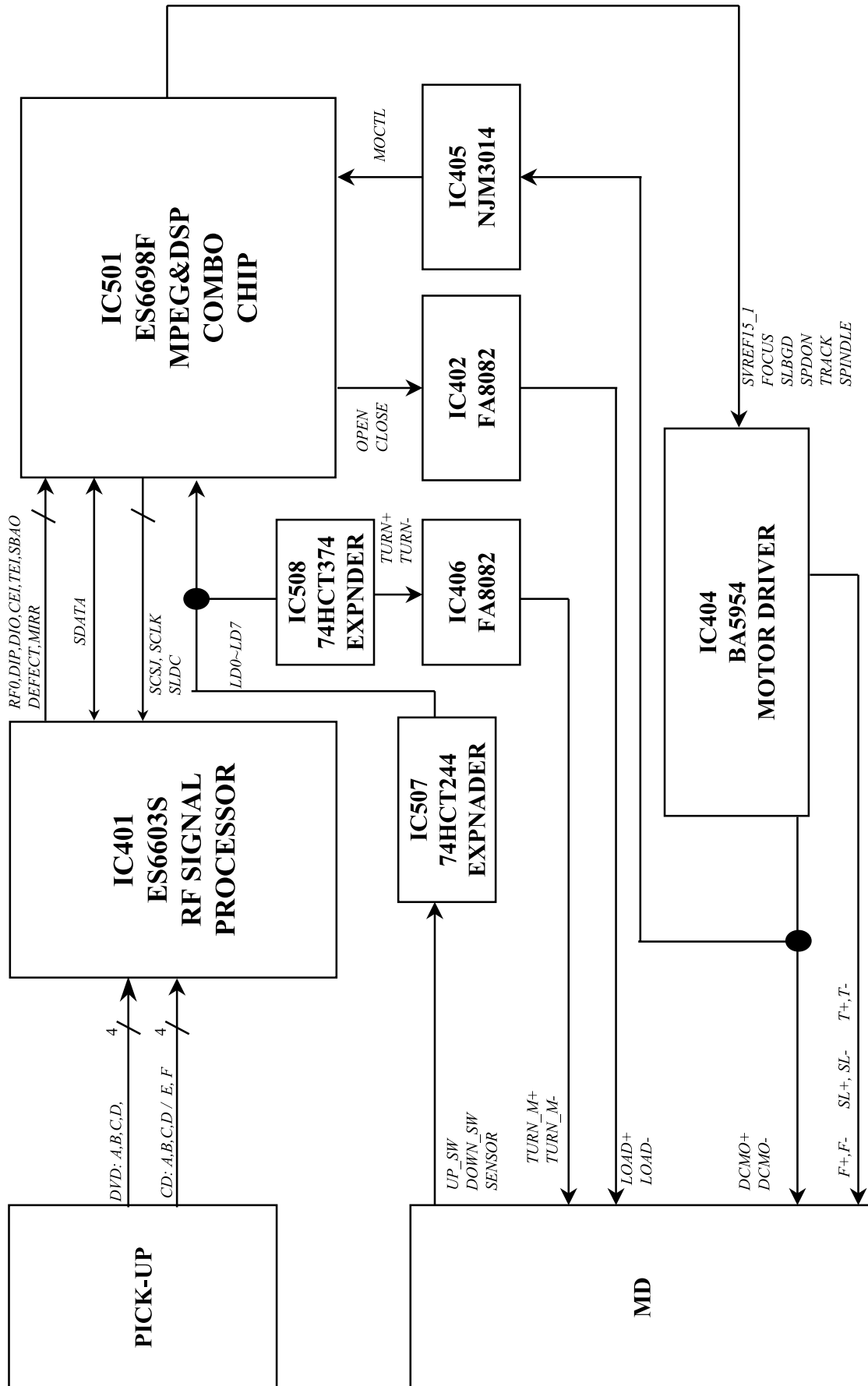




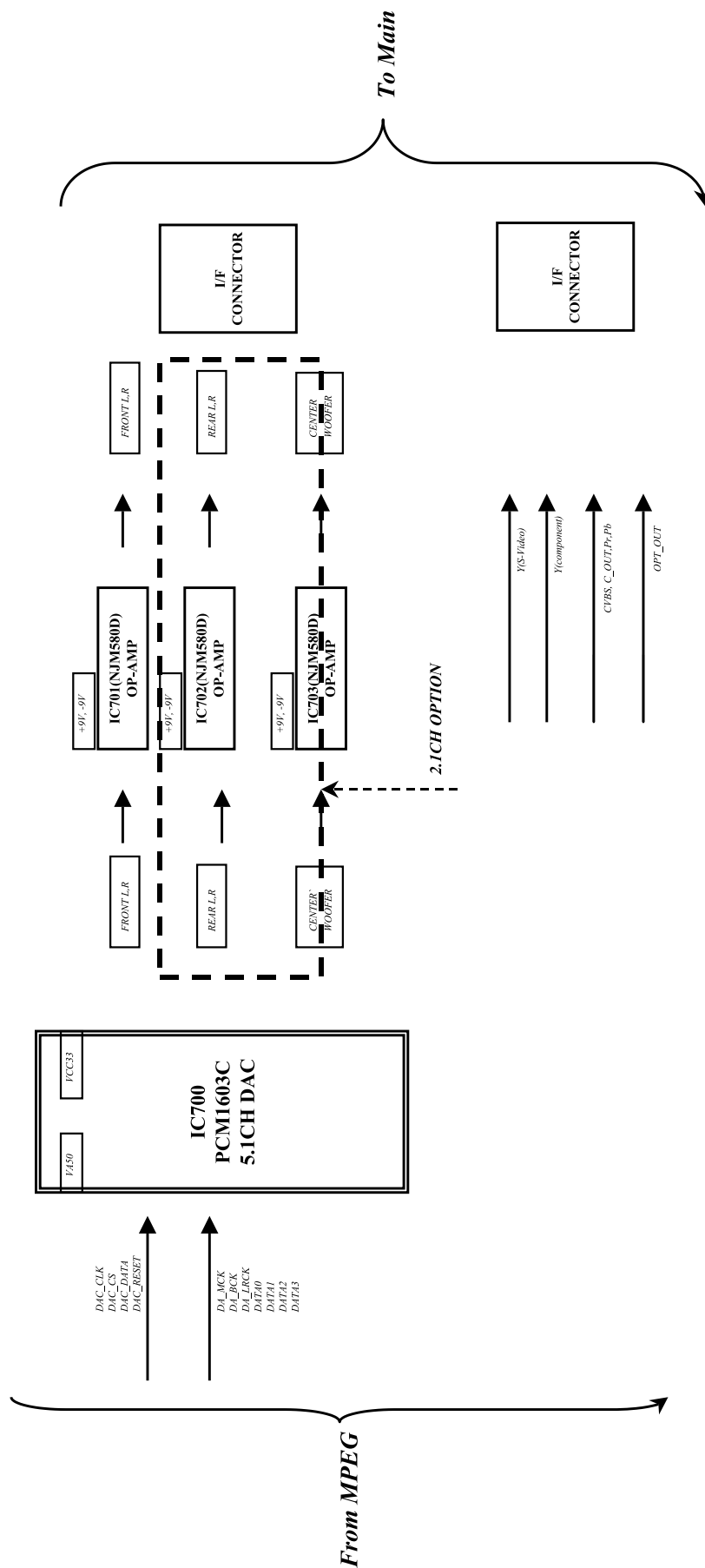
# • ESS 3-CHANGER MEMORY & HOST I/F BLOCK DIAGRAM



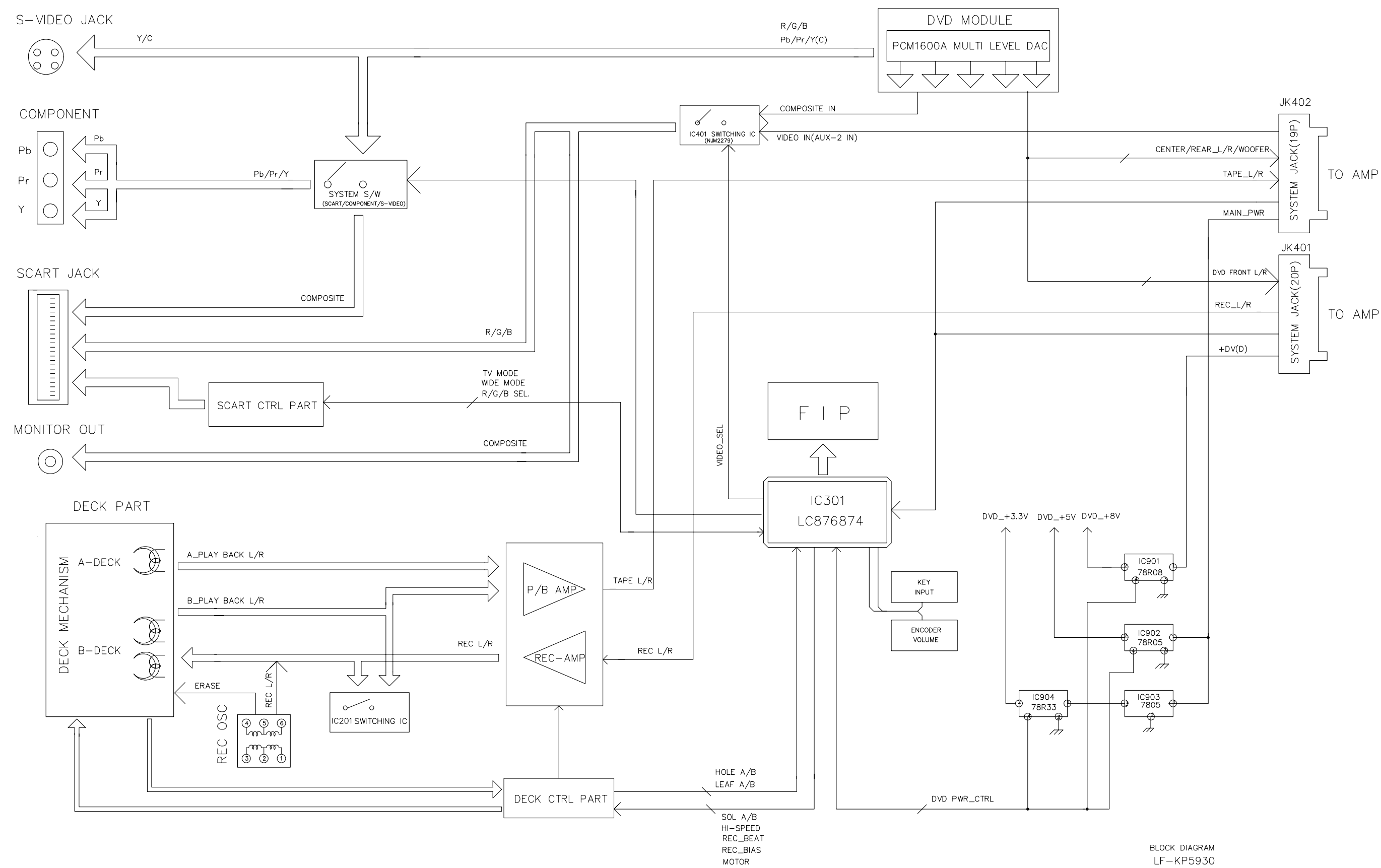
# • ESS 3-CHANGER SERVO & MOTOR BLOCK DIAGRAM



• ESS 3-CHANGER A/V SYSTEM BLOCK DIAGRAM



**□ BLOCK DIAGRAM**



BLOCK DIAGRAM  
LF-KP5930  
VD SI0401351

SCHEMATIC DIAGRAM

FRONT SCHEMATIC DIAGRAM

LOCATION GUIDE

C1301	M10	R1382	J4	SW317	O2
C1302	N10	R1383	I4	SW318	K3
C301	K7	R1384	I4	SW319	K3
C302	K7	R1385	I4	SW320	K3
C303	N5	R1386	I4	SW321	J3
C305	K7	R1387	I3	SW322	J3
C306	L7	R1388	I3	SW323	J3
C307	D9	R1389	I3	SW324	J3
C309	K6	R301	C8	SW325	J3
C310	L6	R302	C8	SW326	I3
C311	M7	R303	C7	SW327	I3
C312	M7	R304	C7	SW328	I3
C313	N7	R305	C7	SW329	I3
C315	M8	R306	C7	SW330	I2
CN313	N3	R307	C7	SW331	I2
CN323	L4	R308	C7	SW332	I2
CN401	P7	R309	C7	X301	J7
CN402	O9	R310	C7	ZD1301	K10
CN451	O10	R311	C7		
D301	E8	R312	C7		
D302	E8	R313	C6		
D303	C8	R314	O8		
D304	M9	R315	O8		
D306	L7	R316	O8		
FB301	K4	R317	O8		
FB302	K3	R318	O8		
FB303	L8	R319	O7		
FB304	I7	R320	O7		
FB305	I7	R321	O7		
FB306	I7	R322	O6		
FB307	I7	R323	O6		
FB308	B6	R324	O6		
FB309	B6	R325	O6		
FB310	N3	R326	O6		
FB311	B8	R327	O6		
FB312	L4	R328	O6		
FB313	L5	R329	O6		
FB314	L6	R330	O6		
FB315	F9	R331	O6		
FB316	F9	R332	O5		
FB317	F9	R333	O5		
FB318	F9	R334	O5		
FB319	F9	R335	O5		
FB320	F9	R336	O5		
FB321	F9	R337	O5		
FB322	F9	R338	O5		
FB323	F9	R339	O5		
FB324	F9	R340	O5		
FB325	F9	R341	E6		
FB326	F9	R342	E6		
FB327	F9	R343	E6		
FB328	F9	R344	E6		
FB329	F9	R345	E6		
FB330	F9	R346	E5		
FB331	F9	R347	E5		
FB332	F9	R348	E5		
FB333	F9	R349	F4		
FB334	F9	R350	G4		
FB335	F9	R351	G4		
FB336	F9	R352	G4		
FB337	F9	R353	L8		
FB338	F9	R354	L8		
FB339	F9	R355	L8		
FB340	F9	R356	L7		
FB341	F9	R357	C6		
FB342	F9	R358	C6		
FB343	F9	R359	C6		
FB344	F9	R360	C5		
FB345	F9	R361	C5		
FB346	F9	R362	C5		
FB347	F9	R363	E8		
FB348	F9	R364	L5		
FB349	F9	R365	L9		
FB350	F9	R366	C4		
FB351	F9	R367	M3		
FB352	F9	R368	M3		
FB353	F9	R369	M3		
FB354	F9	R370	M2		
FB355	F9	R371	M2		
FB356	F9	R372	M2		
FB357	F9	R373	M2		
FB358	F9	R374	M2		
FB359	F9	R375	M2		
FB360	F9	R376	M2		
FB361	F9	R377	M2		
FB362	F9	R378	M2		
FB363	F9	R379	M2		
FB364	F9	R380	M2		
FB365	F9	R381	M2		

NO	Symbol	CONTENTS	DESCRIPTION
54	D301	MODEL OPTION	O LM-K5930 X LM-D5930
55	D302	DECK A-REVS	O DOUBLE/A-RVS X SINGLE/A-RVS

PN320	TO MP3 MAIN
1	A/D +5V
2	D.GND(N/C)
3	D.GND(N/C)
4	DVD_PWR/BTLM
5	CD_LEAF1
6	DN_LD/D_SNS
7	N/C
8	GCTL
9	DVD_EN/BLKOK
10	HDAT_L/STAT
11	HDAT_O/MDATA
12	HCLK/MCLK
13	DVD_RST/MLD
14	CD_MUTE
15	TUR+
16	TUR-
17	CLOSE
18	OPEN

PN308	TO DVD MAIN
1	D.GND(N/C)
2	HCLK/MCLK
3	HDAT_L/STAT
4	HDAT_O/MDATA
5	DVD_EN/BLKOK
6	DVD_RST/MLD
7	DN_LD/D_SNS
8	D.GND(N/C)

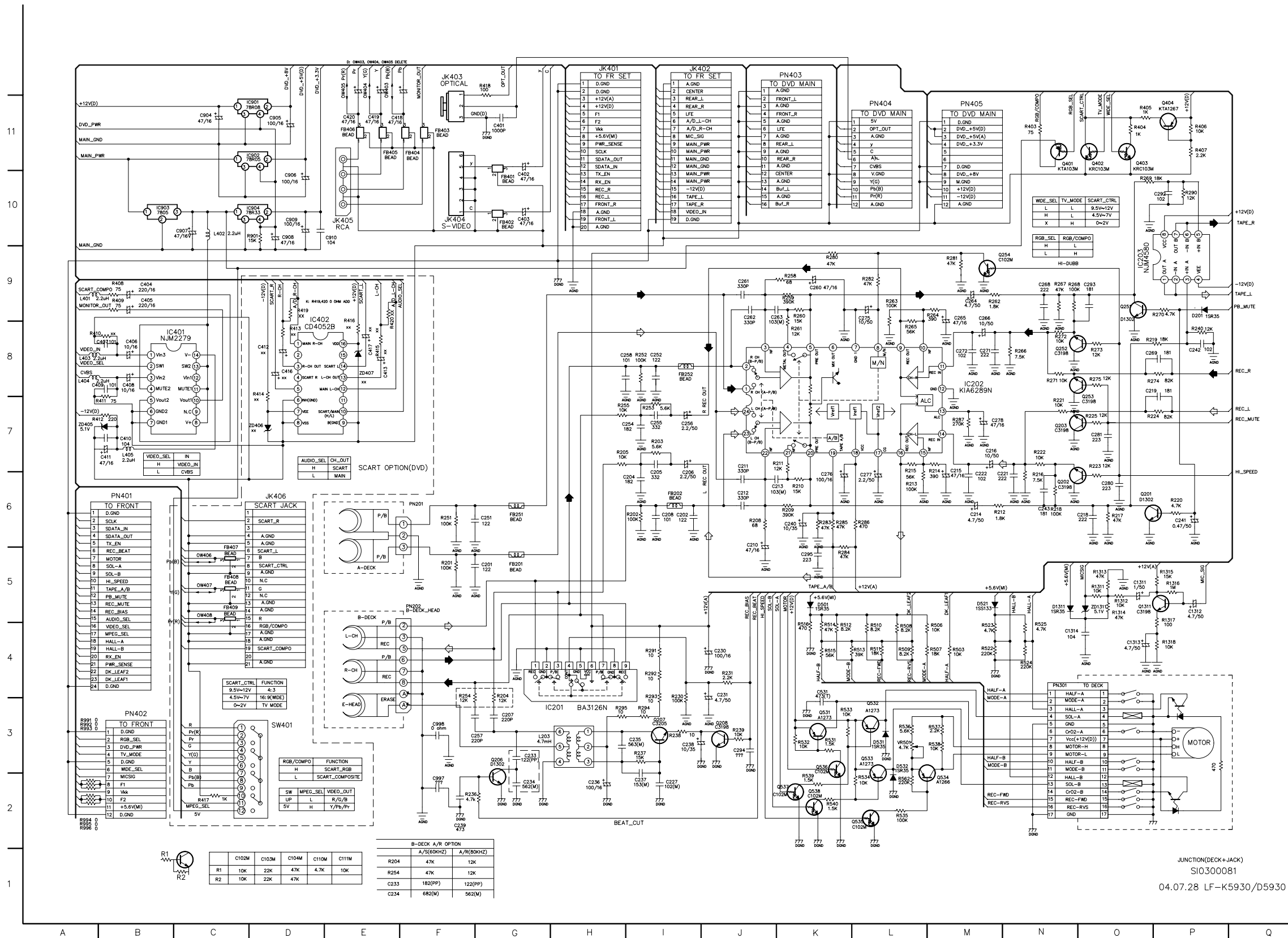
J6	TO DOWNLOAD
1	RESET
2	VDD
3	D.GND
4	EN
5	DATA
6	CLK

	C102M	C103M	C104M	C110M	C111M
R1	10K	22K	47K	4.7K	10K
R2	10K	22K	47K		

• DECK(MAIN) SCHEMATIC DIAGRAM

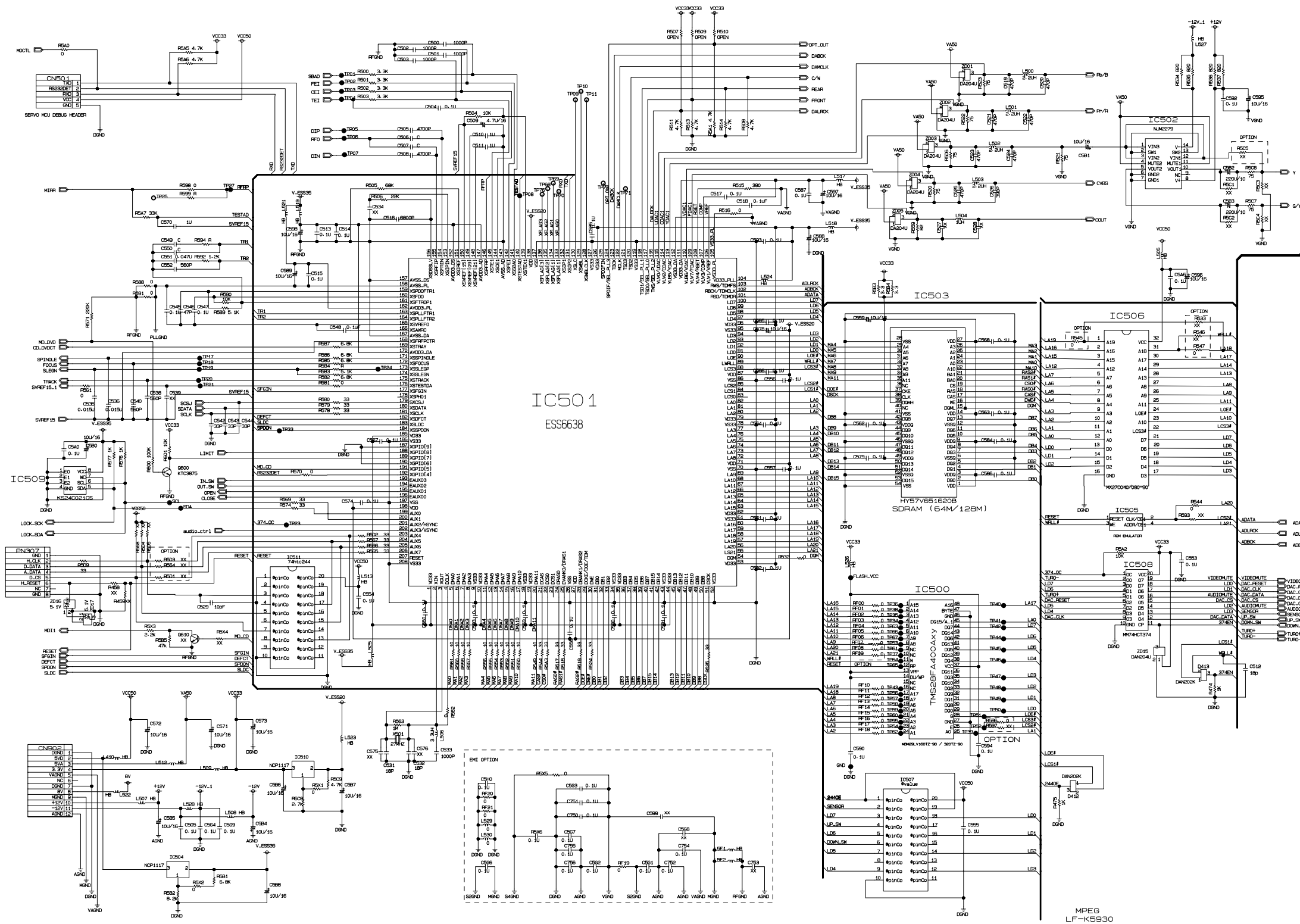
LOCATION GUIDE

C1311	O5	FB202	I6	R238	I3
C1312	P5	FB251	O6	R239	J3
C1313	O4	FB252	I8	R240	P8
C1314	N4	FB401	G10	R251	F6
C201	G5	FB402	G10	R252	I8
C202	I6	FB403	F11	R253	I7
C204	H6	FB404	F11	R254	F4
C205	I6	FB405	E11	R255	H7
C206	I6	FB406	E11	R258	K9
C207	G3	FB407	C5	R259	K9
C208	I6	FB408	C5	R260	K9
C210	J6	FB409	C5	R261	K8
C211	J7	IC201	G3	R262	M9
C212	J6	IC202	M8	R263	L9
C213	M6	IC203	O9	R264	M9
C214	M6	IC401	B8	R265	L8
C215	M6	IC402	D8	R266	N8
C216	M7	IC901	C11	R267	N9
C218	N8	IC902	C11	R268	N9
C219	O8	IC903	E10	R269	O10
C221	M6	IC904	C10	R270	O9
C222	M6	JK401	H12	R271	N8
C227	I2	JK402	I12	R272	N8
C230	J4	JK403	F12	R273	O8
C231	J4	JK404	F10	R274	O8
C233	G3	JK405	E10	R275	O8
C234	G2	JK406	D6	R280	K9
C235	I3	L203	G3	R281	M9
C236	H2	L401	A9	R282	L9
C237	I2	L402	C10	R283	K6
C238	I3	L403	A8	R284	K5
C239	F2	L404	A8	R285	K6
C240	K6	L405	B7	R286	L6
C241	P6	PN202	F5	R287	M7
C242	P8	PN202	F5	R290	P10
C243	N6	PN301	N4	R291	I4
C251	G6	PN401	B6	R292	I4
C252	I8	PN402	B3	R293	I3
C254	H7	PN403	K12	R294	I3
C255	I7	PN404	L11	R295	H3
C256	I7	PN405	M11	R404	O11
C257	F3	Q1311	O5	R404	O11
C258	H8	Q201	O6	R405	O11
C260	K9	Q202	N6	R406	P11
C261	J9	Q203	N7	R407	P11
C262	J9	Q206	G3	R408	B9
C263	J9	Q207	I3	R409	B9
C264	M9	Q208	I3	R410	A8
C265	M9	Q251	O9	R411	A7
C266	M9	Q252	N8	R412	A7
C268	N9	Q253	O7	R413	D8
C269	O8	Q254	M9	R414	D8
C271	M8	Q401	N11	R415	E8
C272	M8	Q402	O11	R416	E8
C275	L9	Q403	O11	R417	C2
C276	K6	Q404	P11	R418	G12
C277	L6	Q531	K3	R419	D9
C278	M7	Q532	L3	R420	E8
C280	O6	Q533	L3	R503	M4
C281	O7	Q534	M2	R506	M4
C292	P10	Q535	L2	R507	M4
C293	O9	Q536	K3	R508	L4
C294	J3	Q537	K2	R509	L4
C295	K5	Q538	K2	R510	L4
C401	G11	R1311	O5	R511	L4
C402	G10	R1312	O5	R512	K4
C403	G10	R1313	O5	R513	L4
C404	B9	R1314	O5	R514	K4
C405	B9	R1315	P5	R515	K4
C406	B8	R1316	P5	R516	K4
C407	A8	R1317	P5	R522	M4
C408	B8	R1318	P4	R523	M4
C409	A8	R201	F5	R524	N4
C410	B7	R202	I6	R525	N4
C411	B7	R203	I7	R531	K3
C412	D8	R204	G4	R532	K3
C413	E8	R205	H7	R533	K3
C416	D8	R208	J6	R534	L2
C417	E8	R209	K6	R535	L2
C418	E11	R210	K6	R536	L3
C419	E11	R211	J7	R537	M3
C420	E11	R212	M6	R538	M3
C531	K4	R213	L6	R539	K2
C904	C11	R214	M6	R540	K2
C905	D11	R215	L6	R562	L2
C906	D10	R216	N6	R901	C10
C907	C10	R217	O6	R991	A3
C908	D10	R218	N6	R992	A3
C909	D10	R219	O8	R993	A3
C910	E10	R220	P6	R994	A2
C997	F2	R221	N7	R995	A2
C998	F3	R222	N7	R996	A2
D1311	N5	R223	O7	SW401	D3
D201	P9	R224	O7	VR501	L3
D501	K5	R225	O7	ZD1311	O5
D502	M5	R230	I3	ZD405	A7
D531	L3	R231	J4	ZD406	D7
D532	L3	R236	F2	ZD407	E8
FB201	G5	R237	I3		

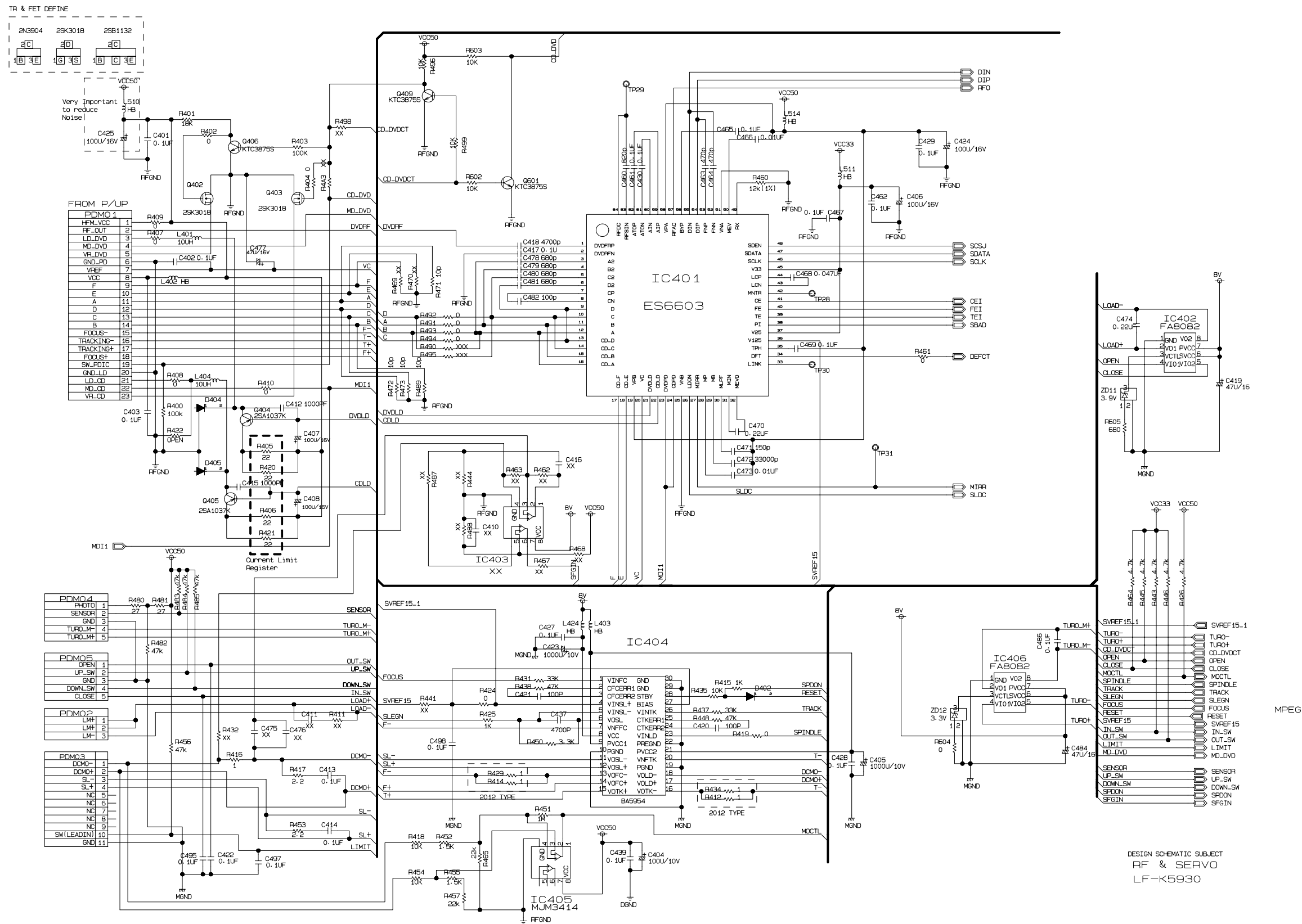




- **MPEG SCHEMATIC DIAGRAM**



• RF&SERVO SCHEMATIC DIAGRAM



I/O SCHEMATIC DIAGRAM

