

SECTION 4 CHARTS AND DIAGRAMS

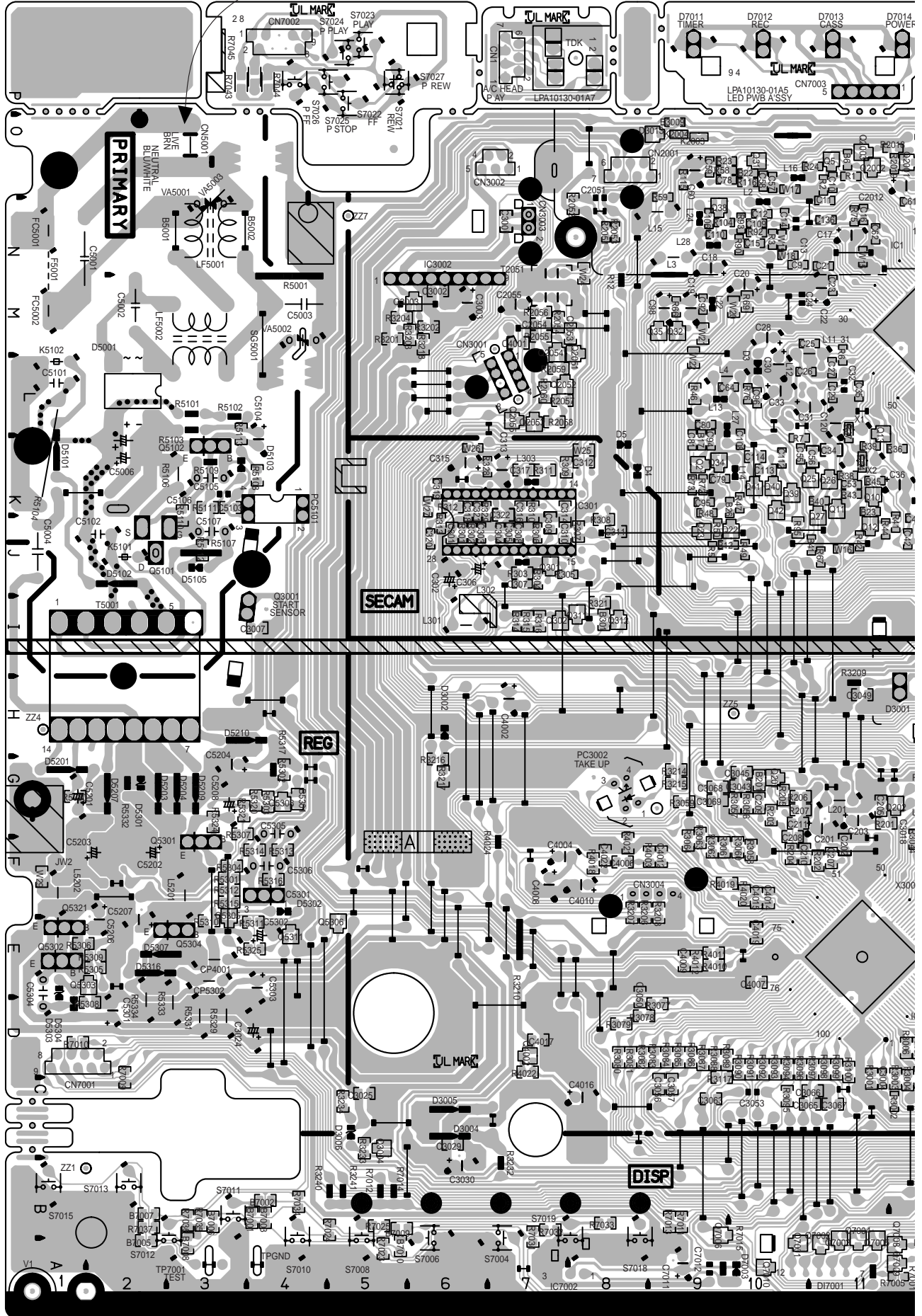
COMPONENT PARTS LOCATION GUIDE <MAIN>

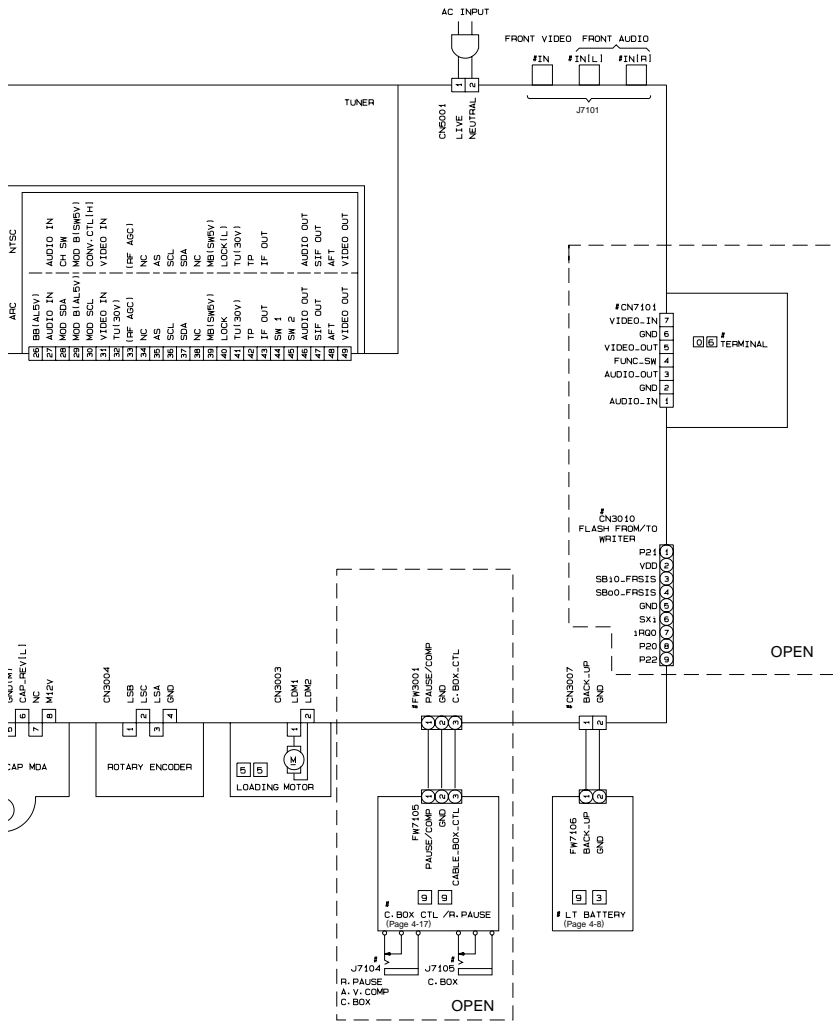
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CAPACITOR																																			
C1	B	C	14N	C903	A	D	20M	C4009	B	C	9E	CN4	A	D	7P	L6003	A	D	21L	R24	B	C	11O	R2213	B	C	17M	R3223	B	C	12F	R7015	A	D	9A
C2	B	C	13O	C904	A	D	20M	C4010	B	C	8F	CN2001	A	D	9O	L6032	A	D	22G	R36	B	C	12K	R2214	B	C	17M	R3224	B	C	13F	R7020	A	D	16B
C3	B	C	13O	C2001	A	D	12L	C4011	B	C	9F	CN2002	A	D	18L	L6050	A	D	20J	R37	B	C	11L	R2215	A	D	18M	R3225	B	C	12F	R7021	A	D	17B
C4	B	C	13O	C2002	A	D	14L	C4012	B	C	16D	CN3001	A	D	7L	L6501	A	D	17J	R38	B	C	11K	R2216	B	C	18M	R3226	B	C	19E	R7022	A	D	16A
C5	B	C	13O	C2003	A	D	13M	C4014	B	C	10F	CN3002	A	D	7O	L7111	A	D	7O	R39	B	C	11K	R2217	B	C	18M	R3227	B	C	19E	R7023	A	D	5A
C6	B	C	13N	C2004	A	D	13M	C4015	B	C	10F	CN3003	A	D	7N	L7112	A	D	19M	R41	B	C	12J	R2218	B	C	18M	R3228	B	C	7B	R7025	A	D	5B
C7	B	C	13O	C2005	A	D	13O	C4016	B	C	8C	CN3004	A	D	9F	L7201	A	D	16C	R42	B	C	11J	R2219	B	C	18M	R3229	B	C	5C	R7030	A	D	14A
C8	B	C	15O	C2006	A	D	13O	C4017	B	C	7D	CN3005	A	D	20G					R43	B	C	11K	R2220	B	C	18M	R3230	B	C	20J	R7031	A	D	7B
C9	B	C	11O	C2007	A	D	13O	C4019	B	C	10E	CN3007	A	D	20F					R44	B	C	11J	R2222	A	D	15K	R3235	B	C	15C	R7032	A	D	7B
C10	B	C	11O	C2008	A	D	12O	C4022	B	C	8F	CN3010	A	D	3O	Q2	B	C	14O	R45	B	C	11K	R2223	B	C	16O	R3237	B	C	15D	R7033	A	D	8B
C11	B	C	11N	C2009	A	D	12O	C5001	B	C	2M	CN5001	A	D	2D	Q3	B	C	14O	R46	B	C	10K	R2224	B	C	15L	R3238	B	C	15C	R7034	A	D	4B
C12	B	C	11N	C2010	A	D	12O	C5002	B	C	1J	CN7001	A	D	4P	Q4	B	C	11O	R47	B	C	9K	R2225	B	C	15L	R3240	A	D	5B	R7035	A	D	3B
C13	B	C	10N	C2011	A	D	12O	C5003	B	C	1J	CN7002	A	D	12P	Q5	B	C	11K	R48	B	C	10J	R2226	B	C	18N	R3241	A	D	13G	R7036	A	D	3B
C14	B	C	10N	C2012	A	D	12N	C5004	B	C	2K	CN7004	A	D	13A	Q10	B	C	11K	R50	B	C	9J	R2227	B	C	18N	R3242	B	C	14E	R7043	A	D	2B
C15	B	C	10N	C2013	A	D	12K	C5101	A	D	1J	CN7101	A	D	20M	Q11	B	C	11J	R58	B	C	9O	R2228	B	C	17N	R3243	B	C	14E	R7043	A	D	3P
C16	B	C	11N	C2016	B	C	13O	C5102	A	D	1J	Q12	B	C	11L	R59	B	C	11K	R59	B	C	9M	R2229	B	C	17N	R3244	B	C	14D	R7044	B	C	4F
C17	A	D	9N	C2051	A	D	8N	C5103	B	C	3K	D1	A	D	16O	Q21	B	C	9K	R66	B	C	9M	R2251	B	C	15N	R3245	A	D	13E	R7045	A	D	4F
C18	A	D	9N	C2052	A	D	19K	C5104	A	D	4L	D2	A	D	16O	Q22	B	C	10J	R67	B	C	11J	R2252	B	C	15N	R4001	A	D	14G	R7046	A	D	15B
C19	A	D	9M	C2053	A	D	8M	C5105	A	D	3K	D3	A	D	10M	Q23	B	C	9J	R69	B	C	10M	R2253	A	D	15M	R4002	A	D	14G	R7101	B	C	19M
C20	A	D	10M	C2054	B	C	7M	C5106	A	D	3K	D4	A	D	8K	Q25	B	C	11K	R71	B	C	13M	R2255	B	C	15M	R4003	B	C	9F	R7102	A	D	19M
C21	A	D	11M	C2055	A	D	7M	C5107	A	D	3J	D5	A	D	8K	Q26	B	C	11K	R72	B	C	9K	R3001	B	C	11C	R4004	A	D	15E	R7103	A	D	19M
C22	A	D	11M	C2201	A	D	18N	C5201	A	D	1G	D2201	A	D	18L	Q27	B	C	11K	R73	B	C	9K	R3002	B	C	12C	R4006	B	C	13E	R7155	B	C	16P
C23	A	D	11M	C2202	A	D	18N	C5202	A	D	3F	D3001	A	D	12H	Q31	B	C	10M	R75	B	C	11N	R3003	B	C	12C	R4010	B	C	9E	R7156	B	C	17P
C24	A	D	10M	C2203	A	D	16N	C5203	A	D	1F	D3002	A	D	6H	Q32	B	C	9M	R76	B	C	10L	R3004	B	C	12C	R4011	B	C	9E	R7171	B	C	19A
C25	A	D	11M	C2204	A	D	16O	C5204	A	D	3F	D3004	A	D	6C	Q34	B	C	9K	R77	B	C	15O	R3005	B	C	12D	R4012	B	C	9E	R7172	B	C	19E
C26	B	C	10L	C2205	A	D	16O	C5206	A	D	2G	D3005	A	D	6C	Q35	B	C	9M	R78	B	C	12K	R3006	B	C	12D	R4013	B	C	13D	R7173	B	C	19N
C27	B	C	11L	C2206	A	D	15O	C5207	A	D	2E	D3006	A	D	5C	Q38	B	C	9M	R79	B	C	12K	R3007	B	C	12D	R4018	B	C	8F	R7174	B	C	19N
C28	A	D	10M	C2207	B	C	15N	C5208	A	D	3G	D3007	A	D	15C	Q39	B	C	9K	R90	B	C	10N	R3008	B	C	12D	R4019	B	C	9F	R7175	B	C	21N
C29	B	C	11L	C2208	B	C	15M	C5301	A	D	2D	D3008	A	D	20G	Q40	B	C	10K	R92	B	C	10N	R3009	B	C	12D	R4020	B	C	10F	R7176	B	C	20N
C30	A	D	10L	C2209	A	D	15M	C5302	A	D	4E	D3009	B	C	12H	Q41	B	C	10K	R93	B	C	10N	R3010	B	C	12D	R4021	B	C	8F	R7202	A	D	16D
C31	A	D	10L	C2210	A	D	15L	C5303	A	D	4E	D3013	B	C	9O	Q42	B	C	10K	R95	B	C	10J	R3011	B	C	13C	R4022	A	D	7D	R7203	B	C	16D
C32	A	D	11L	C2211	A	D	14L	C5304	A	D	1E	D3015	B	C	19E	Q201	B	C	10G	R104	B	C	9N	R3012	B	C	13C	R4024	A	D	7F	R7204	A	D	16C
C33	A	D	10L	C2212	A	D	15M	C5305	A	D	4F	D3016	A	D	14E	Q202	B	C	12G	R112	B	C	12K	R3013	B	C	13C	R4025	A	D	14H	VR6501	A	D	19G
C34	B	C	11K	C2213	A	D	15M	C5306	A	D	4G	D3017	A	D	14I	Q301	B	C	12J	R115	B	C	9O	R3014	B	C	13C	R5001	A	D	4M	VR6502	A	D	20L
C35	B	C	11L	C2214	A	D	17L	C5307	A	D	22D	D4003	B	C	13F	Q302	B	C	7I	R116	B	C	10O	R3015	B	C	14C	R5101	A	D	3L				
C36	A	D	12K	C2215	A	D	17M	C5308	A	D	22E	D5001	B	C	2L	Q311	B	C	8I	R201	B	C	11G	R3017	B	C	14D	R5102	A	D	3L	S3001	A	D	18C
C37	A	D	12K	C2216	A	D	17M	C6005	A	D	21K	D5101	A	D	1K	Q312	B	C	8I	R202	B	C	11G	R3018	B	C	14D	R5103	A	D	3L	S7001	A	D	22B
C38	A	D	12K	C2217	A	D	17M	C6006	B	C	22L	D5102	A	D	2J	Q901	B	C	21M	R203	B	C	11F	R3018	B	C	14D	R5104	A	D	1L	S7002	A	D	17B
C39	B	C	12L	C2218	A	D	18M	C6007	A	D	21J	D5103	A	D	3K	Q902	B	C	21M	R203	B	C	10G	R3019	B	C	13D	R5106	A	D	3K	S7004	A	D	7B
C40	A	D	13L	C2219	A	D	18M	C6008	B	C	22L	D5105	A	D	3J	Q2001	B	C	21O	R204	B	C	10F	R3020	B	C	13D	R5107	A	D	3J	S7006	A	D	6B
C41	A	D	12J	C2220	A	D	17M	C6012	A	D	21M	D5201	A	D	1G	Q2002	B	C	11O	R205	B	C	10G	R3021	A	D	15D	R5108	B	C	4K	S7008	A	D	5B
C42	A	D	12J	C2221	B	C	17M	C6013	A	D	21M	D5203	A	D	2G	Q2003	B	C	11O	R206	B	C	10G	R3022	B	C	13D	R5109	A	D	3K	S7010	A	D	4B
C44	A	D	14M	C2222	B	C	15L	C6014	B	C	22O	D5204	A	D	3G	Q2051	B	C	8M	R207	B	C	10G	R3026	B	C	13E	R5110	B	C	3K	S7011	A	D	3B
C51	A	D	17G	C2223	B	C	16O	C6020	B	C	22M	D5207	A	D	2G	Q2052	B	C	7L	R210	A	D	12G	R3027	A	D	14E	R5111	B	C	3K	S7012	A	D	3B
C53	B	C	11K	C2224	B	C	15L	C6021	B	C	22L	D5209	A	D	3G	Q2053	B	C	7L	R211	B	C	12G	R3028	B	C	13E	R5112	B	C	3J	S7013	A	D	2B
C54	B	C	11K	C2251	B	C	15O	C6022	B	C	22M	D5210	A	D	3H	Q2054	B	C	7M	R301	B	C	6J	R3029	B	C	13E	R5113	B	C	3L	S7015	A	D	1B
C55	B	C	10K	C2252	B	C	15O	C6023	B	C	22L	D5301	A	D	2G	Q2055	B	C	7L	R302	B	C	6J	R3030	B	C	13F	R5301	B	C	3F	S7016	A	D	17B
C56	B	C	11K	C2253	B	C	14O	C6027	B	C	22K	D5302	A	D	4F	Q2201	B	C	18L	R303	B	C	7J	R3031	B	C	13F	R5302	B	C	4G	S7017	A	D	16B
C57	B	C	10O	C2254	A	D	15N	C6028	B	C	22K	D5303	A	D	1D	Q2202	B	C	18K	R304	B	C	7J	R3032	B	C	13F	R5303	B	C	4G	S7018	A	D	8B
C58	B	C	10O	C2255	B	C	15N	C6029	B	C	21K	D5304	A	D	1E	Q2203	B	C	18L	R305	B	C	8J	R3035	B	C	13F	R5304	B	C	3F	S7019	A	D	8

4.1 MAIN, LT BATTERY CIRCUIT BOARD

<03> MAIN
LPB10130-001D

DANGEROUS VOLTAGE





Different between models

4.3 MAIN (VIDEO/AUDIO) SCHEMATIC DIAGRAM

N

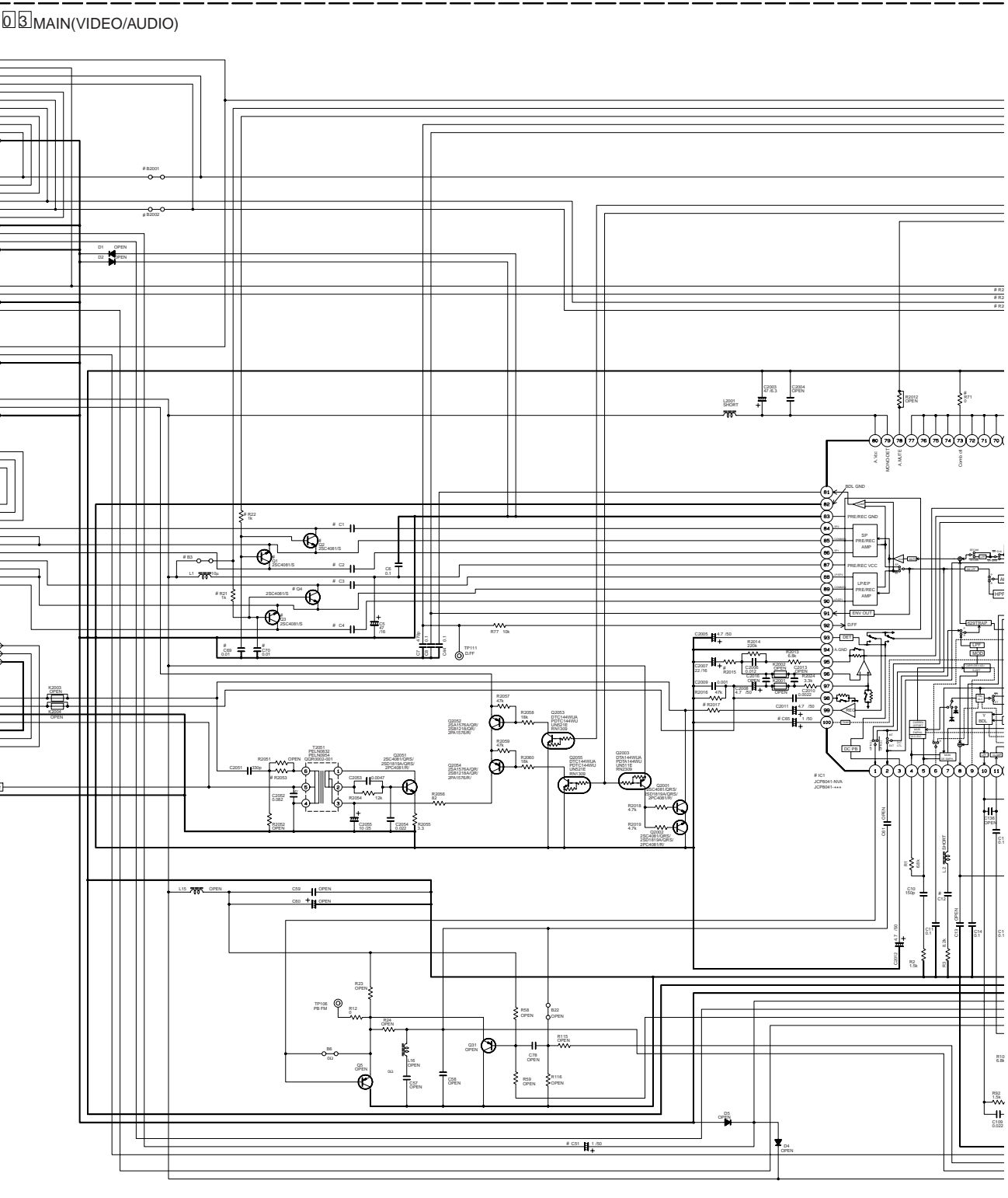
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3

2

1



#DIFFERENCE TABLE 1

	IC1	X1	D3	Q12	Q13	Q32	Q41	R7	R8	R42,R44,R45	R46	R66	R90	R93	C12	C29	C34	C35	C64	C65	C69,C70	C81	C108	C108	C110	C114	L13	L24	L27	L28	B17	B23	Q21,Q34,R47,R48,R72,R73,C79,I
NTSC	PCE(50)	NVD-2	X	X	X	O	X	820	SHORT	X	120	O	470	1k	33p	4700p	0.1	0.033	SHORT	20p	X	X	X	X	330p	X	88p	SHORT	X	15u	O	O	X
OTHERS		NVD-2	X	X	X	O	X	820	SHORT	X	120	O	470	1k	33p	4700p	0.1	0.033	SHORT	20p	X	X	X	X	330p	X	88p	SHORT	X	15u	O	O	X
PAL M	MVD-2	QAX0578	O	O	O	O	X	820	SHORT	O	X	O	470	1k	33p	0.088	0.1	0.01	O	X	X	X	X	X	330p	X	SHORT	X	15u	X	X	X	X
PAL N	MVD-2	QAX0580	X	O	X	O	X	680	SHORT	O	X	O	390	2.2k	47p	0.033	0.22	0.033	O	X	X	O	X	O	82p	X	X	27u	X	68u	X	X	X
MONO	MVD-2	QAX0580	X	O	X	O	X	680	SHORT	O	X	O	390	2.2k	47p	0.033	0.22	0.01	O	X	X	O	O	O	82p	X	X	27u	X	68u	X	X	X
HFI	MVD-2	QAX0576/79	X	O	X	O	O	680	O	O	330	X	390	2.2k	47p	0.033	0.22	0.01	O	22p	O	O	O	O	82p	O	33u	27u	O	68u	O	X	X
PAL/ARC	MONO	MVD-2	QAX0576/79	X	O	X	O	680	O	O	330	X	390	2.2k	47p	0.033	0.22	0.01	O	22p	O	O	O	O	82p	O	33u	27u	O	68u	O	X	X
MONO	MVD-2	QAX0576/79	X	O	X	O	O	680	SHORT	O	X	O	330	X	390	2.2k	47p	0.033	0.22	0.01	O	22p	O	O	82p	O	33u	27u	O	68u	X	X	X
HFI	MVD-2	QAX0576/79	X	O	X	O	O	680	SHORT	O	X	O	330	X	390	2.2k	47p	0.033	0.22	0.01	O	22p	O	O	82p	O	33u	27u	O	68u	X	X	X
with SECAM	MONO	MVD-2	QAX0576/79	X	O	X	X	680	SHORT	O	330	X	390	2.2k	47p	0.033	0.22	0.01	O	22p	O	X	O	O	82p	O	33u	27u	O	68u	X	X	O

#DIFFERENCE TABLE 2

	3.58NTSC	X2
YES	X	O
NO	O	X

#DIFFERENCE TABLE 3

	C16	C31
FRONT	X	O
REAR	O	X
FRONT/REAR	O	O

#DIFFERENCE TABLE 4

HEAD TYPE	Q1,Q2	Q3,Q4	C1,C2	C3,C4	R71	R21	R22	B3	CW1
INPUT	X	X	1	1	X	X	X	X	11 PINS(1-11)
4HEAD HFI			0	0.01	0.01	X	O	X	11 PINS(1-11)
PAL/ARC/PAL-N	O	X	1	1	X	X	X	X	8 PINS(1-8)
NTSC/PAL-M	X	X	0.1	0.1	X	X	X	X	8 PINS(1-8)
4HEAD MONO	X	X	0	0.1	SHORT	O	O	X	4 PINS(5-8)
J278EU	X	X	0.1	X	O	X	X	X	4 PINS(5-8)
OTHER	X	X	0.1	X	O	X	X	X	4 PINS(5-8)

#DIFFERENCE TABLE 6

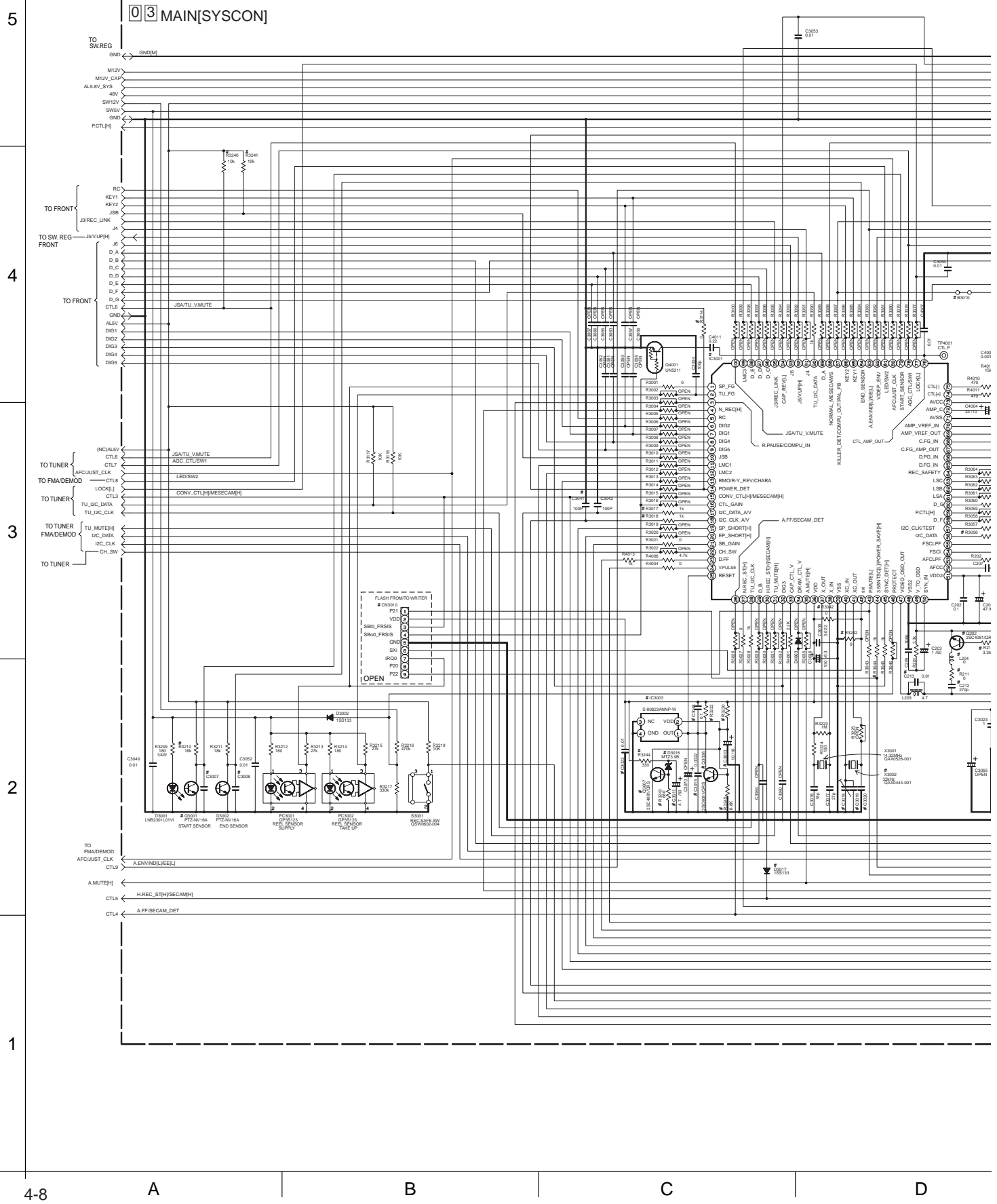
	ICE	L11	L12
YES	X	O	X
NO	O	X	X

NOTES: UNLESS OTHERWISE SPECIFIED ALL RESISTANCE VALUES ARE IN OHMS. ALL INDUCTANCE VALUES ARE IN μH. ALL CAPACITANCE VALUES ARE IN pF.

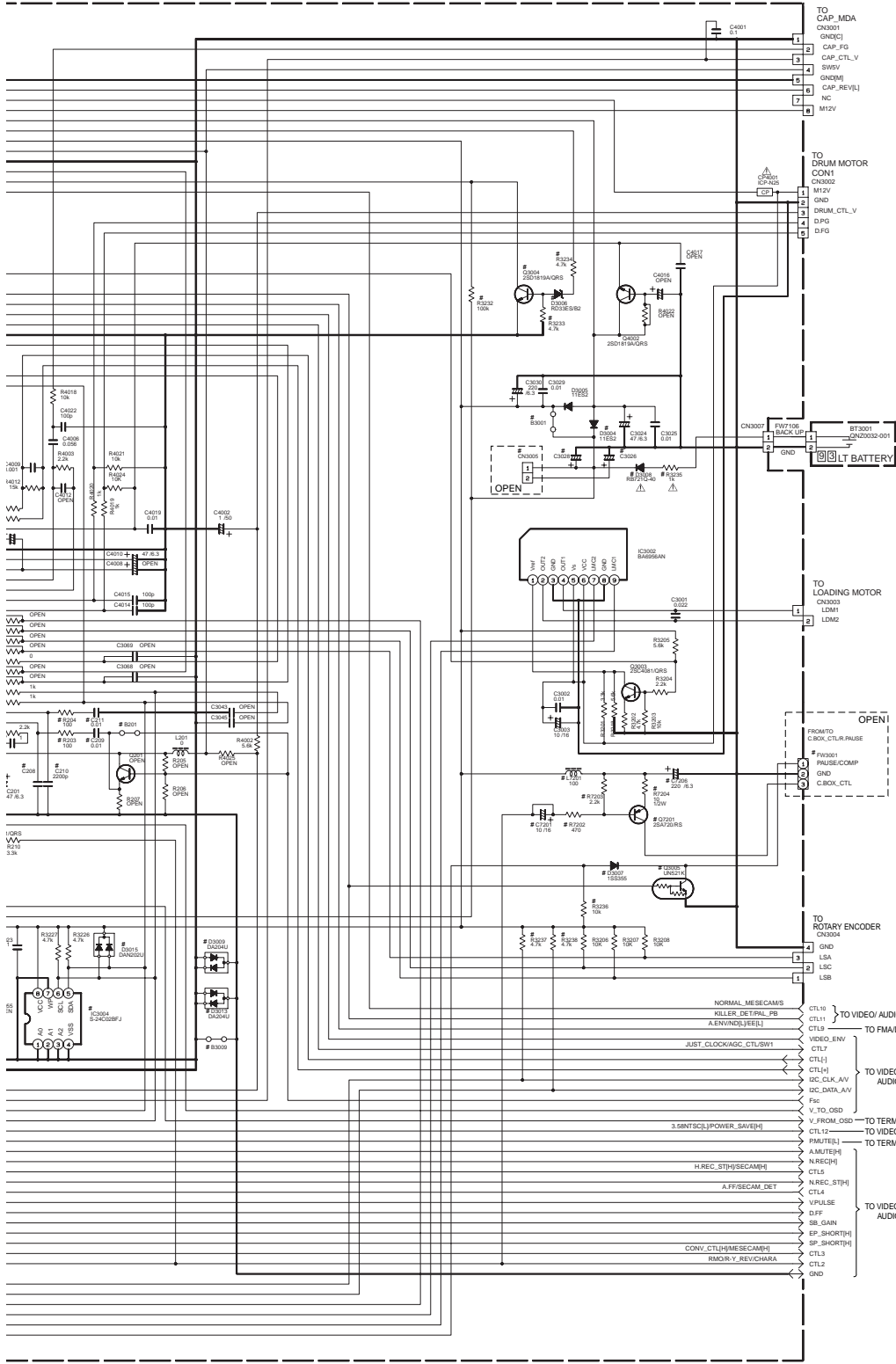
○ : Used
x : Not used

ELECTROLYTIC
 CERAMIC
 MYLAR
 NON POLAR

4.4 MAIN (SYSCON) AND LT BATTERY SCHEMATIC DIAGRAMS



Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only. When replacing the parts, refer to the Parts List.



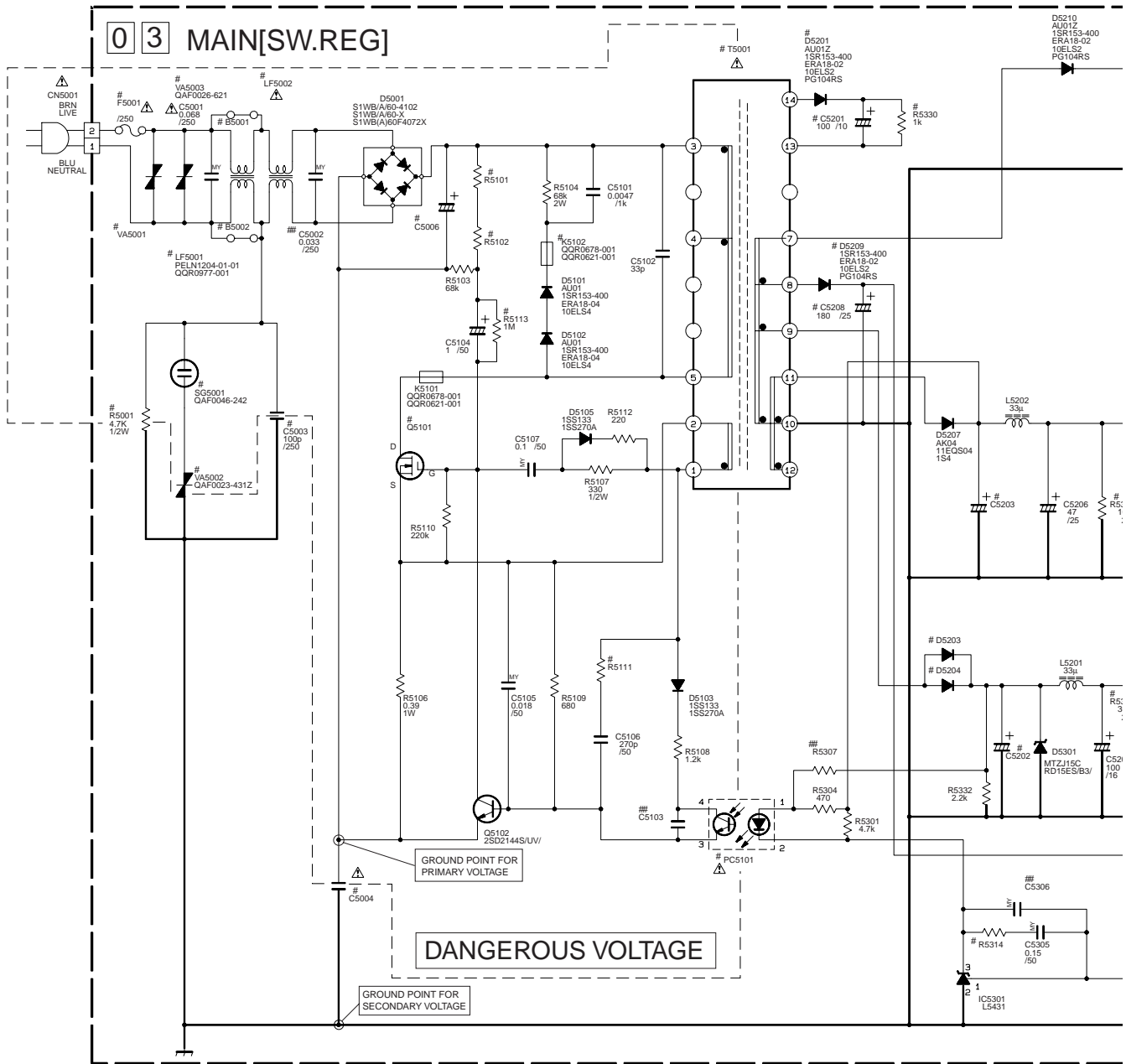
O : Used
X : Not used

#DIFFERENCE TABLE		HR-J3008UM	HR-J6008UM	HR-J7008UM	HR-J4008UM
SYSCON IC	IC3001	A	A		
EEPROM	IC3004	2K	2K		
LITHIUM BACK UP	D3008	X	O		
	R3235	X	O		
	CN3007	X	X		
R.PAUSE	FW3001	X	X		
C.BOX CTL	C3005	X	X		
	R3236 D3007	X	X		
	R7202 R7203 R7204	X	X		
	L7201 C7206 Q7201	X	X		
	C7201	X	X		
ADV. JOG/SHUTTLE	R3240 R3241	X	X		
3.58NTSC[L]/	R3044	X	X		
POWER SAVE[H]					
BACK UP	C3026	X	X		
	C3028	X	1000		
	CN3005	X	X		
	B3001	O	X		
	D3004	X	O		
SUB CLOCK	R3042	X	O		
	R3242	O	X		
	X3002	X	O		
	C3018	X	30p		
	C3019	0W	10p		
POWER DET	C3020	X	18p		
	R3232 R3233 R3234	X	O		
	D3006 Q3004	X	O		
	R3114	O	X		
RESET CIRCUIT	R3220	5.6k	10k		
	R3222	470	4.7k		
	R3243 R3244 R3245	O	X		
	D3016 Q3006 Q3007	O	X		
	C3011	O	X		
RESET IC	IC3003	X	O		
	C3013 C3022	X	O		
START SENSOR	C3001 R3210	X	X		
ANTI LINE NOISE	C3041	O	O		
OSD	R203 R204	X	X		
	C208 C210	0Ω	0Ω		
	C209 C211	X	X		
	B201	X	X		
	O202 L204	X	X		
	R210 R211 C212 C213	X	X		
ANTI ESD	C3007	X	X		
	C3008	0.01	0.01		
	C3015	X	0.0022		
	C3048	X	X		
	D3009 D3013 D3015	X	X		
	B3009	X	X		
	R3237 R3238	4.7k	4.7k		
	R3017 R3018	1k	1k		

#DIFFERENCE TABLE	IC3001	MN101D02GW*	MN101D06GW*
B3010	X	O	O
R3056	O	X	X

#DIFFERENCE TABLE	D3017
HIFI	O
SECAM	SHORT
OTHERS	X

4.5 MAIN (SW. REG) SCHEMATIC DIAGRAM



##MARK ELEMENTS ARE NOT MOUNTED

#DIFFERENCE TABLE 1

	Q5101	R5001	C5004	C5006	PC5101	F5001
US	2SK2043 2SK2324	YES	0.0047 /250	47 /200	PS2501-1 PC8117 ON3131/R/S/ PC817X	1.25A
PH/78	2SK3255	NO	0.0022 /250	68 /400	PS2561L1-1/W/L/ PC123F2 ON3171/R/	2A
OTHER	2SK2632 2SK2129	NO	0.0022 /250	68 /400	PS2561L1-1/W/L/ PC123F2 ON3171/R/	2A

#DIFFERENCE TABLE 2

	CE	Q5308 R5317	R5320 R5321	B5301	D5302	R5101 R5102	R5111	LF5001	LF5002	B5002 B5001	R5302	R5303	R5313	R5314
-YES-		YES		NO	YES	330k	680	YES	QOR0608-001 QOR0609-001 QOR0610-001 QOR0611-001	NO	1.0k	1.2k	3.3k	1
-NO-		NO	YES	SHORT	220k	820	NO	QOR0533-001 QOR0532-001 QOR0516-001 QOR0532-001 QOR0816-001	YES	1.5k	1.5k	3.6k	3	

#DIFFERENCE TABLE 3

	SG5001	VA5001	VA5002	R5113	VA5003
SURGE	SHORT	QAF0023-431Z QAF0024-431Z QAF0039-431Z	NO	NO	NO
OTHER	NO	NO	NO	NO	NO
US/(PHILIPS)	YES	QAF0023-431Z	YES	YES	NO
PH AUTO VOLTAGE	NO	NO	NO	NO	YES

#DIFFERENCE TABLE 5

	ROOM ANT	C5003	K5102
PHILIPS/78	YES	YES	YES
PHILIPS/75	YES	SHORT	
OTHER	NO	SHORT	

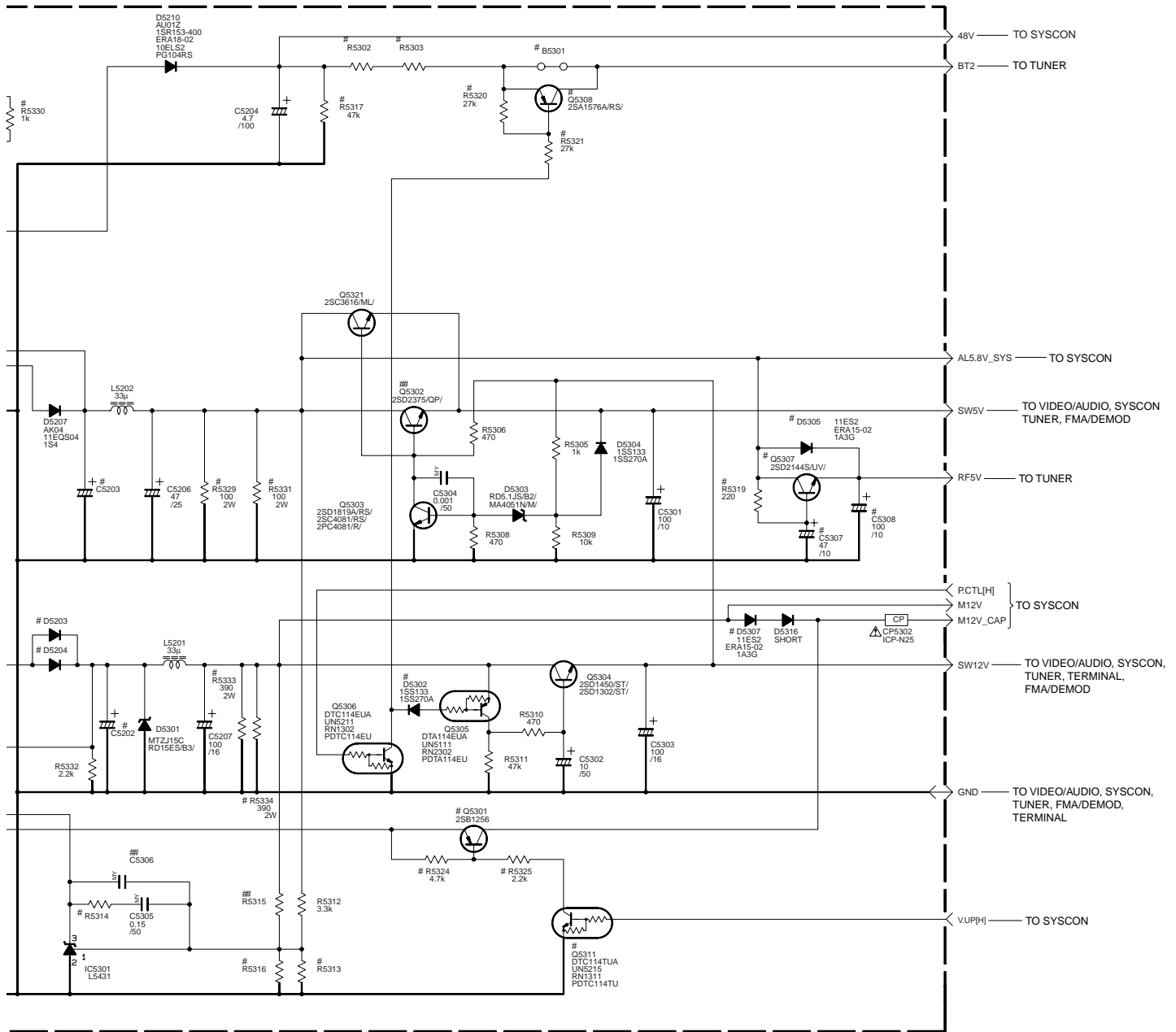
#DIFFERENCE TABLE 6

	R5329	R5331	R5333	R5334
AUTO VOLTAGE	RF5V -YES-	NO	NO	YES
	RF5V -NO-	NO	YES	YES
OTHER	NO	NO	NO	NO
CE	NO	YES	YES	NO

#DIFFERENCE TABLE 7

	T5001	Q5301 Q5311	R5324 R5325	C5208 D5209	D5 R5 C5
HIGH SPEED FF/REW	QOS0030-002 QOS0031-002	YES	YES	YES	Y1
NORMAL SPEED FF/REW	QOS0083-001 QOS0084-001 QOS0085-001	NO	NO	NO	N
CE	QOS0034-001 QOS0033-001	NO	NO	NO	Y1

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only. When replacing the parts, refer to the Parts List.



LF5002	B5002 B5001	R5302	R5303	R5313	R5314	R5316
JR0608-001 JR0609-001 JR0610-001 JR0615-001	NO	1.0k	1.2k	3.3k	1.0k	10k
JR0533-001 JR0532-001 JR0516-001 JR0532-001 JR0816-001	YES	1.5k	1.5k	3.6k	3.3k	8.2k

#DIFFERENCE TABLE 4

RFSV	MODEL	D5305	Q5307 R5319	C5307 C5308
-NO-		NO		NO
-YES-	PH /55 PH /75	NO		YES
	OTHER	YES		NO

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

- ELECTROLYTIC
- CERAMIC
- MYLER
- NON POLAR

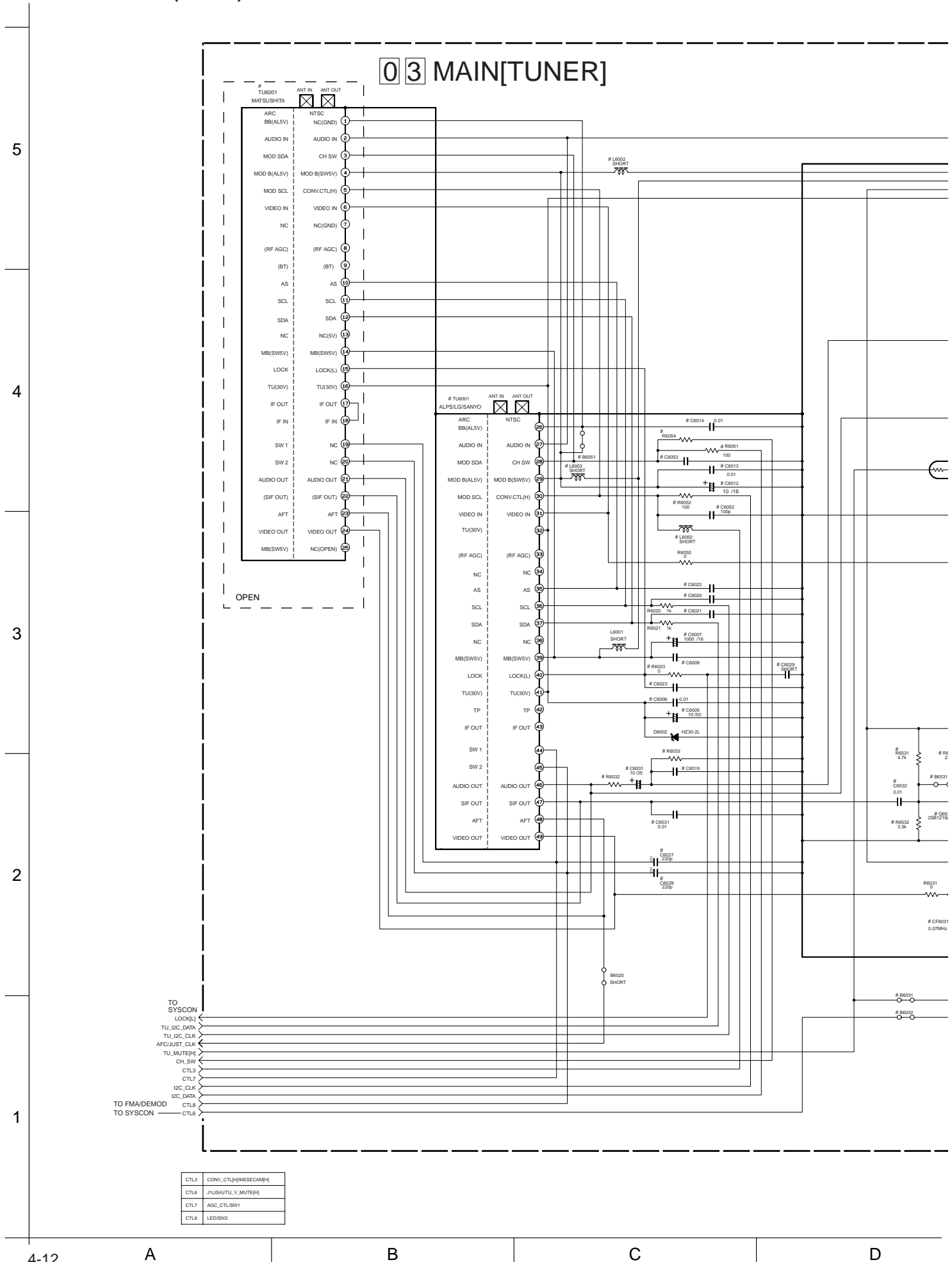
TABLE 7

	T5001	Q5301 Q5311	R5324 R5325	C5208 D5209	D5201 R5330 C5201	D5307	D5203 D5204
D	Q0S0030-002 Q0S0031-002	YES	YES	YES	YES	YES	ALU01Z 10ELS2
IED	Q0S0083-001 Q0S0084-001 Q0S0083-001	NO	NO	NO	NO	SHORT	ALU01Z 1SR153-400 ERA18-02 10ELS2 PG104RS
	Q0S0034-001 Q0S0033-001	NO	NO	NO	YES	SHORT	

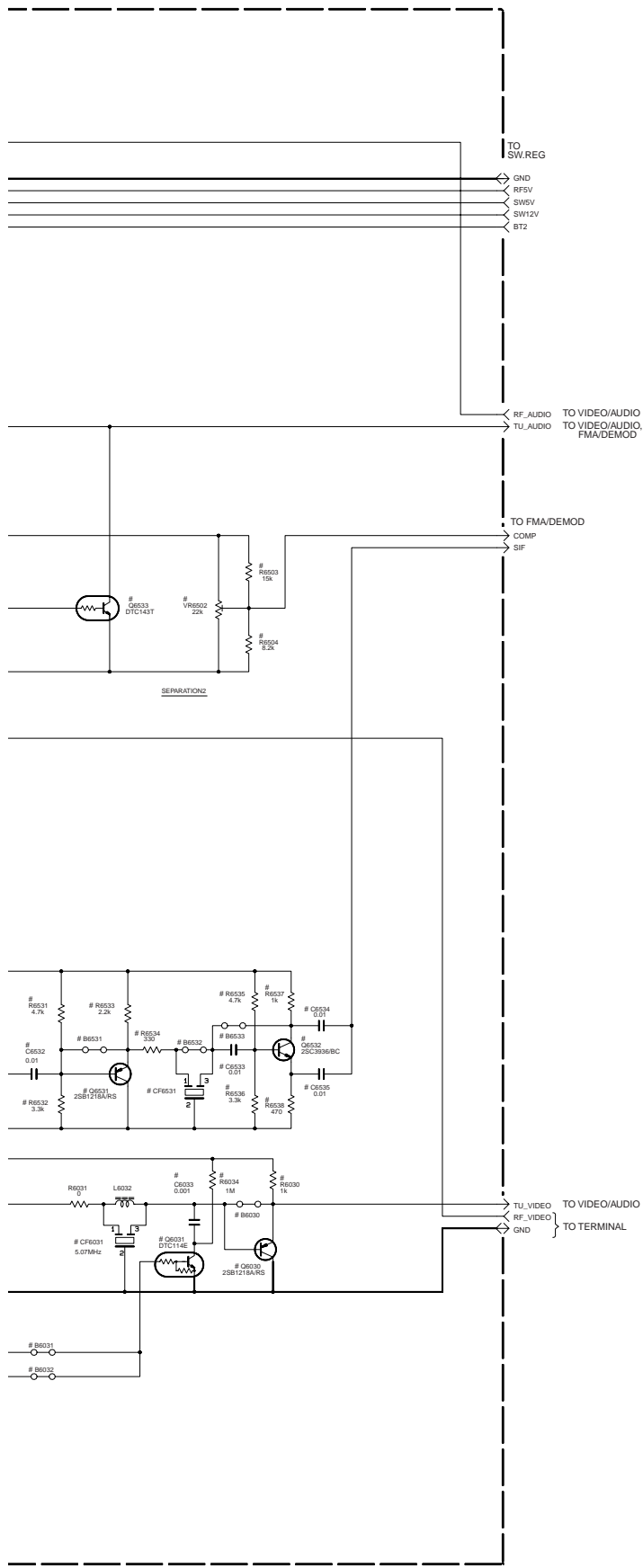
#DIFFERENCE TABLE 8

	C5202	C5203
US	1000 /16	1000 /10
OTHER	690 /16	690 /10

4.6 MAIN (TUNER) SCHEMATIC DIAGRAM



Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only. When replacing the parts, refer to the Parts List.



○ Used
 × Not used

DIFFERENCE TABLE (US,PAL-M/N)

		HiFi	MONO
TU6001	ALPS (LG)	QAU0207 (QAU0226)	QAU0207 (QAU0226)
	SANYO	QAU0226	QAU0226
VIDEO BUFFER	Q6030,R6030,	○	○
	B6030	×	×
VIDEO MUTE	Q6031,R6034, C6033,B6031	×	×
LOCK	R6023,C6023	×	×
	C6029	○	○
MONO	R6032	×	15k
	R6033	×	10k
	C6019	×	0.012
	C6031	×	○
HFI	VR6002	×	×
	R6003,R6004	○	×
MOD B(SWIV)	L6003	○	○
CONV CTL	L6050	○	○
CONV SW	R6054	○	○
PAL	C6005-C6008, C6012-C6014, C6020-C6022, C6052,C6053, Q6501,Q6502, Q6531-Q6533, CF6031-CF6031, B6531-B6533, R6531-R6538, C6531-C6535, R6032,R6031, L6002, R6001,R6002, C6027,C6028	×	×

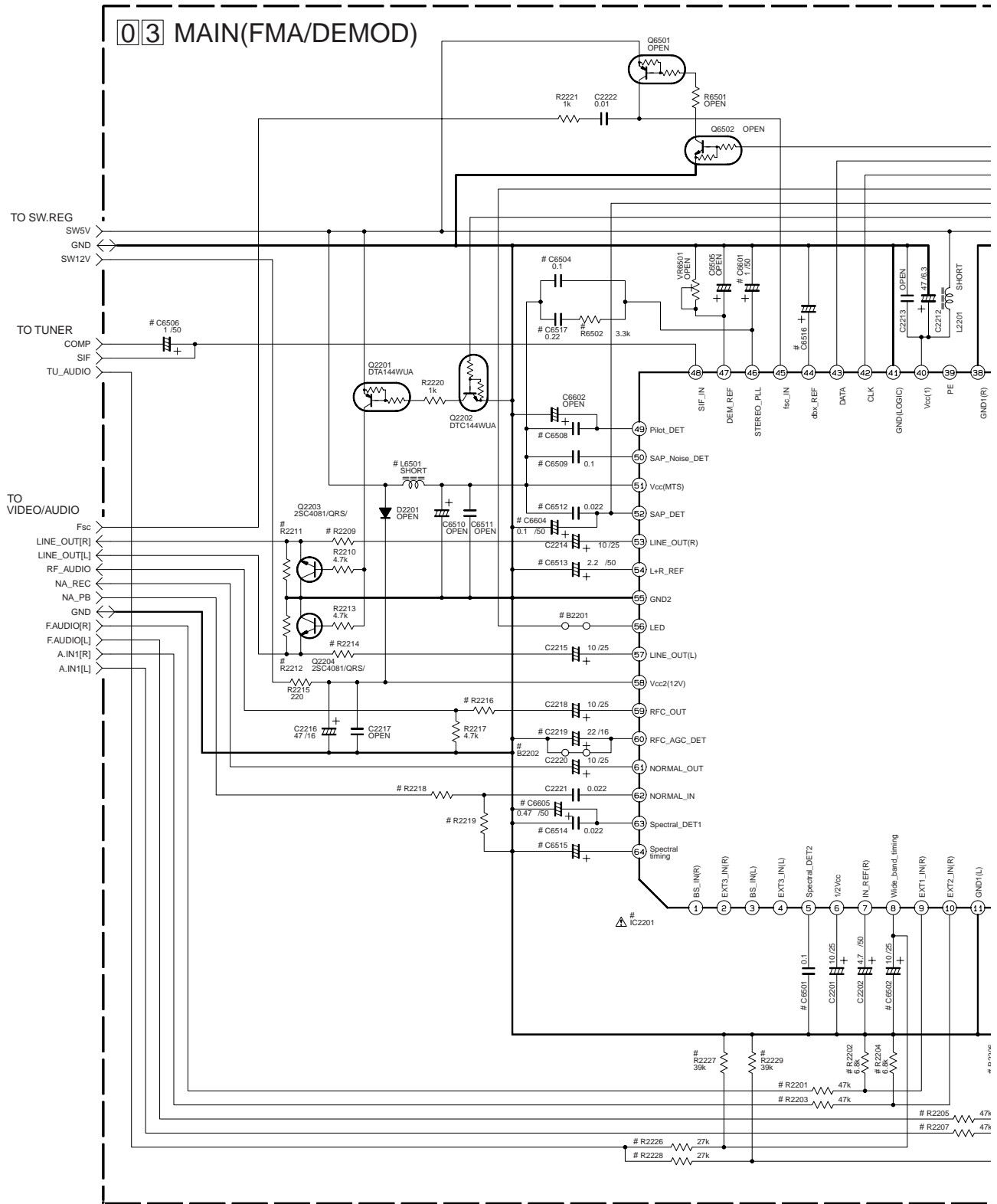
DIFFERENCE TABLE (EU/POR,ASIA - PAL/MS)

TUNER UNIT	TU6001	EU/EK			FRANCE MS		ASIA 3SYSTEM		ASIA 4SYSTEM
		MATSUSHITA QAU0208	ALPS QAU0209	ALPS QAU0210	LG QAU0211	MATSUSHITA QAU0208	ALPS QAU0209	MATSUSHITA QAU0212	
VIDEO BUFFER	Q6030,R6030	○	○	○	○	○	○	○	
	B6030	×	×	×	×	×	×	×	
VIDEO MUTE	Q6031,R6034	○	○	○	○	×	×	×	
	B6033	0k	0k	0k	0k	×	×	×	
	B6031	×	×	×	×	×	×	×	
	B6032	○	○	○	○	×	×	×	
AUDIO MUTE	Q6033	○	○	○	○	×	×	×	
	C6020	×	×	×	×	×	×	×	
TU IC	Q6021	×	×	×	×	×	×	×	
	C6022	×	×	×	×	×	×	×	
	R6023,C6023	×	×	×	×	×	×	×	
LOCK	C6029	○	○	○	○	○	○	○	
	R6032	3.3k	3.3k	3.9k	3.9k	3.3k	3.3k	0k	
MONO	R6033	1.8k	1.8k	1.8k	1.8k	1.8k	1.8k	1.8k	
	C6031	○	○	○	○	○	○	○	
	C6019	0.047	0.047	0.047	0.047	0.047	0.047	0.047	
US MPX	VR6002	×	×	×	×	×	×	×	
ALSIV	L6002,B6001	○	○	○	○	○	○	○	
	C6012	×	×	×	×	×	×	×	
	C6013	×	×	×	×	×	×	×	
	C6014	○	○	○	○	○	○	○	
MOD SDA/SCL	R6001,R6002	○	○	×	×	○	○	○	
	R6054,L6050	×	×	×	×	×	×	×	
SWIV	C6052,C6053	×	×	×	×	×	×	×	
	L6003	×	×	×	×	×	×	×	
	C6007	×	×	×	×	×	×	×	
TU(30V)	C6008	×	×	×	×	×	×	×	
	C6005	×	×	×	×	×	×	×	
SIF OUT	C6006	×	×	×	×	×	×	×	
	C6531-C6535, R6531-R6538, Q6531-Q6532, B6531-B6533, CF6031	×	×	×	×	×	×	×	
	C6027	×	×	○	×	×	×	×	
CENELEC S2		×	×	×	×	×	×	×	
	C6028	×	×	×	×	×	×	×	

NOTES: UNLESS OTHERWISE SPECIFIED.
 ALL RESISTANCE VALUES ARE IN OHMS.
 ALL INDUCTANCE VALUES ARE IN H.
 ALL CAPACITANCE VALUES ARE IN μF.

ELECTROLYTIC
 CERAMIC
 MYLAR
 NON POLAR

4.7 MAIN (FMA/DEMOD) SCHEMATIC DIAGRAM



#DIFFERENCE TABLE (FMA)

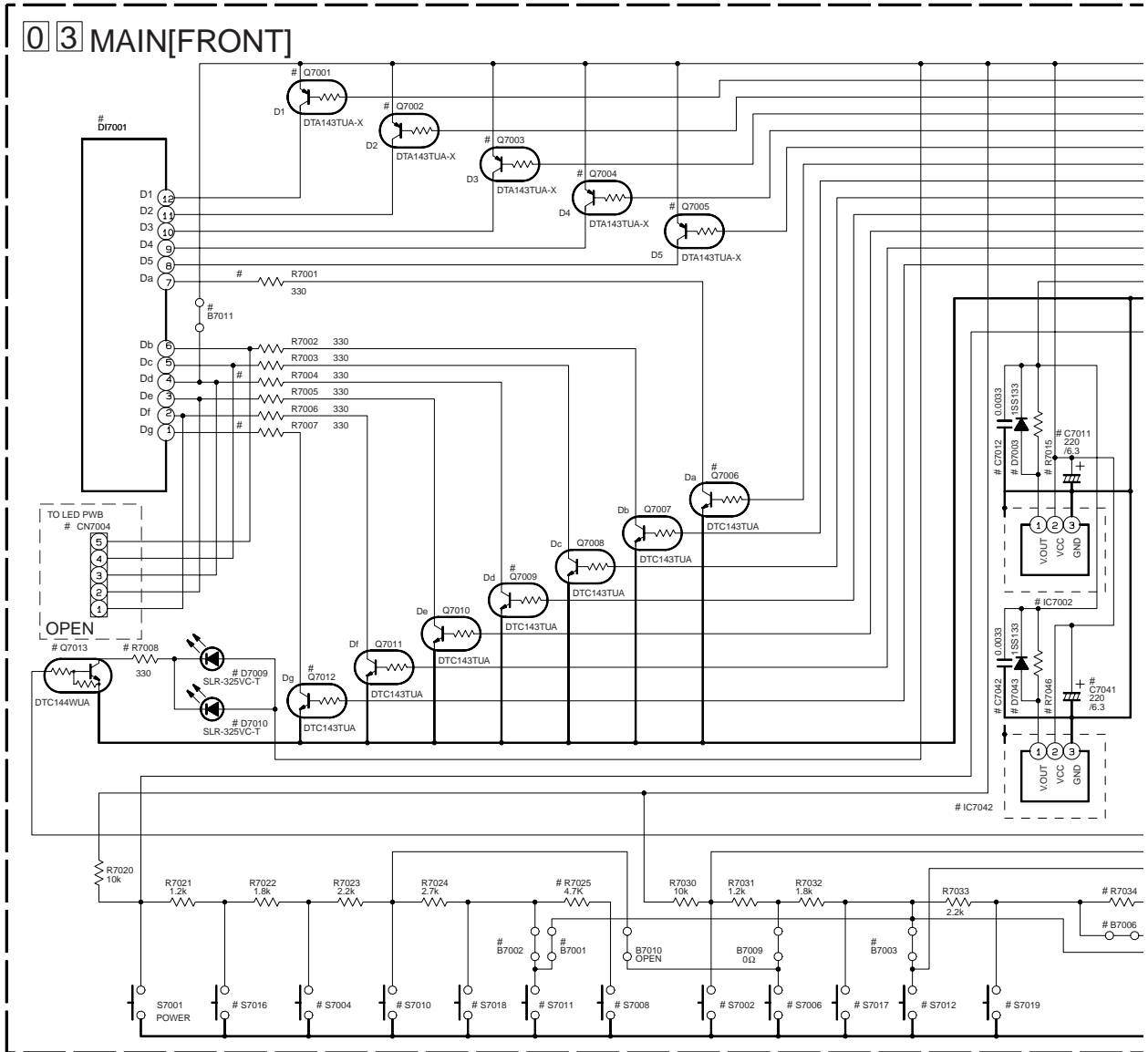
INPUT	FRONT	REAR
SYMBOL	R2201 R2202 R2205 R2206	R2203 R2204 R2207 R2208
YES	○	○
NO	×	×

○ : Used
 × : Not used

#DIFFERENCE TABLE (FMA/DEMOD)

SYMBOL	R6502 C6502-C6504 C6509 C6512-C6514 C6517	B6601 C6601 C6604 C6605	C6508	C6515	C6516	C6501	C6506 L6601	IC2201	R2226-R2229 R2223 R2224 C2223 C2224 B2202	R2222 R2225	B2201 C6210	R2216	R2218	R2219	R2209 R2214	R2211 R2212	R2251	R2252	Q2253 C2252 C2258
US/PAL-M/PAL-N	○	×	0.022	3.3/50	4.7/50	○	○	AN3663FBP	×	SHORT	○	1k	3.9k	1k	100	3.3k	2.2k	1.5k	×
JPN	×	○	1	1/50	10/25	○	○	AN3672FBP	×	SHORT	○	1k	3.9k	1k	100	3.3k	2.2k	1.5k	×
ARC	×	×	×	×	10/25	SHORT	×	AN3651FBP	○	4.7k	×	1.2k	3.3k	1.2k	680	2.7k	4.7k	220	○

4.8 MAIN (FRONT) SCHEMATIC DIAGRAM



○ : Used
 x : Not used

##DIFFERENCE TABLE 1

BRAND	TOOL	WORKING NUMBER	S7001	S7002	S7004	S7006	S7008	S7010	S7011	S7012	S7013	S7014	S7015	S7016	S7017	S7018	S7019	S7021 S7023	S7024 S7027	SW on UNIT	J/S	DISP	R7025	R7034
JVC	400EA	D15 U.I.C. D15P U.I.C. D1EN	POWER	REC/LNK	CH -	CH +	PLAY	E. PROG.	REC	PAUSE	PAUSE	STOP/ EJECT	DISPLAY	---	---	---	---	---	---	Adv	Adv	7seg	○	2.7kΩ
	400E	D13 UMM	POWER	C. RESET	CH -	CH +	REVIEW	SP/EP	REC	---	PAUSE	---	STOP/ EJECT	DISPLAY	---	---	---	---	---	---	---	7seg	○	0Ω
JVC	360H	C0 U.I.C. C0P UM. C1 U.I.C. MMEN D0 U.I.C. D1 MUM. D1M U.I.C. A1 A.EM/A.EE(A/EA) A11 A.A2 EM C1 A.S/E/A.EE(A/S)	---	---	REW/ CH -	FF/ CH +	---	PLAY	---	---	---	---	---	POWER	STOP/ EJECT	REC	PAUSE/ CH	---	---	---	---	7seg	×	2.7kΩ
		A0 EU	---	---	REW/ CH -	FF/ CH +	---	PLAY	---	---	---	---	---	STAND-BY	STOP/ EJECT	REC	PAUSE/ CH	---	---	---	---	7seg	×	2.7kΩ
PHILIPS	01A	D1 /78/50, C1 /50/78	---	POWER	FF/ CH +	CH	STOP/ EJECT	---	---	---	---	---	---	---	REC	REW/ CH -	PLAY	---	---	---	---	7seg	○	2.7kΩ
	01B	A1 /VR120/55, D1 /VR602/55	---	POWER	FF/ CH +	CH	STOP/ EJECT	---	---	---	---	---	---	---	REC	REW/ CH -	PLAY	---	---	---	---	4dig	○	2.7kΩ
SEARS	360H	A1 /55, C1 /50/55/61, D1 /55	POWER	PAUSE	MENU	OK	REC	CH -	CH +	---	---	---	---	VCR/TV	---	---	---	---	---	---	---	7seg	○	0Ω
	00A	A1 /55, C1 /50/55/61, D1 /55	POWER	PAUSE	MENU	OK	REC	CH -	CH +	---	---	---	---	VCR/TV	---	---	---	---	---	---	---	---	7seg	○
SEARS	360H		---	---	REW/ CH -	FF/ CH +	---	PLAY	---	---	---	---	---	POWER	STOP/ EJECT	REC	PAUSE/ CH	---	---	---	---	7seg	×	2.7kΩ
AUDINAC	360H		---	---	REW/ CH -	FF/ CH +	---	PLAY	---	---	---	---	---	POWER	STOP/ EJECT	REC	PAUSE/ CH	---	---	---	---	7seg	×	2.7kΩ

##DIFFERENCE TABLE 2

BRAND	TOOL	IC7002	D7003 C7011, C7012	R7015	D7043 C7041, C7042	IC7042	R7046
JVC	400EA, 400E	GP1U291Q PNA4652M00YC PIC-28143LJ	×	0Ω	×	×	×
	360H	×	×	×	×	GP1U291Q PNA4652M00YC PIC-28143LJ	0Ω
PHILIPS	01A	×	×	×	○	GP1U290Q PNA4655M00YC PIC-28142LJ	100k
	01B, 00A	GP1U290Q PNA4655M00YC PIC-28142LJ	○	100k	×	×	×

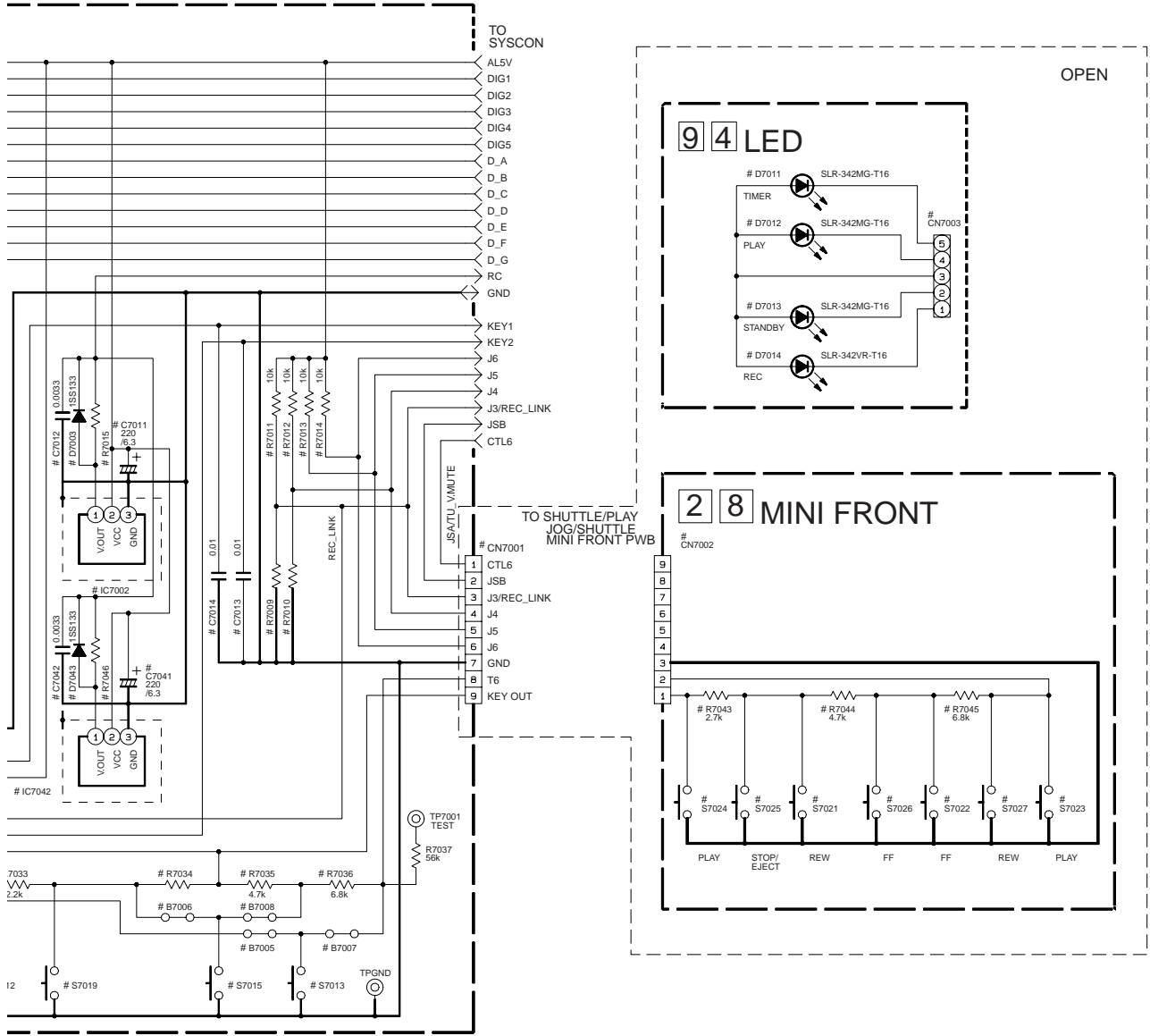
##DIFFERENCE TABLE 3

DISPLAY TYPE	D17001	Q7001-Q7006 Q7009, Q7012 R7001, R7004 R7007	CN7003 D7011-D7014 CN7004	B7011
12H, 7 SEG AMBER	LTG-Y2K12M-01J	○	×	×
12/24H 7 SEG GREEN	LTG-Y2K16M-J	○	×	×
4-DIG	×	×	○	○

##DIFFERENCE TABLE 4

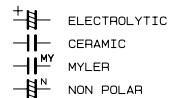
JOG/SHUTTLE
WITH J/S
WITH ADV J/S
OTHERS

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only. When replacing the parts, refer to the Parts List.



Q4-27	SW on UNIT	J/S	DISP	R7025	R7034	R7035 R7036	R7043 R7045	B7001	B7002	B7003	B7004	B7005 B7006	B7007	B7008
---	Adv	Adv	7seg	○	2.7kΩ	○	×	○	×	×	×	○	×	×
---	---	×	7seg	○	0Ω	×	○	×	○	×	×	○	×	×
---	---	×	7seg	×	2.7kΩ	○	×	×	×	×	×	×	×	×
---	---	×	7seg	×	2.7kΩ	○	×	×	×	×	×	×	×	×
---	---	×	7seg	○	2.7kΩ	○	×	×	×	×	×	×	×	×
---	---	×	4dig	○	2.7kΩ	○	×	×	×	×	×	×	×	×
○	---	×	7seg	○	0Ω	×	○	×	×	×	×	×	×	×
○	---	×	7seg	○	0Ω	×	○	×	×	×	×	×	×	×
○	---	×	7seg	×	2.7kΩ	○	×	×	×	×	×	×	×	×
○	---	×	7seg	×	2.7kΩ	○	×	×	×	×	×	×	×	×

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.



##DIFFERENCE TABLE 4

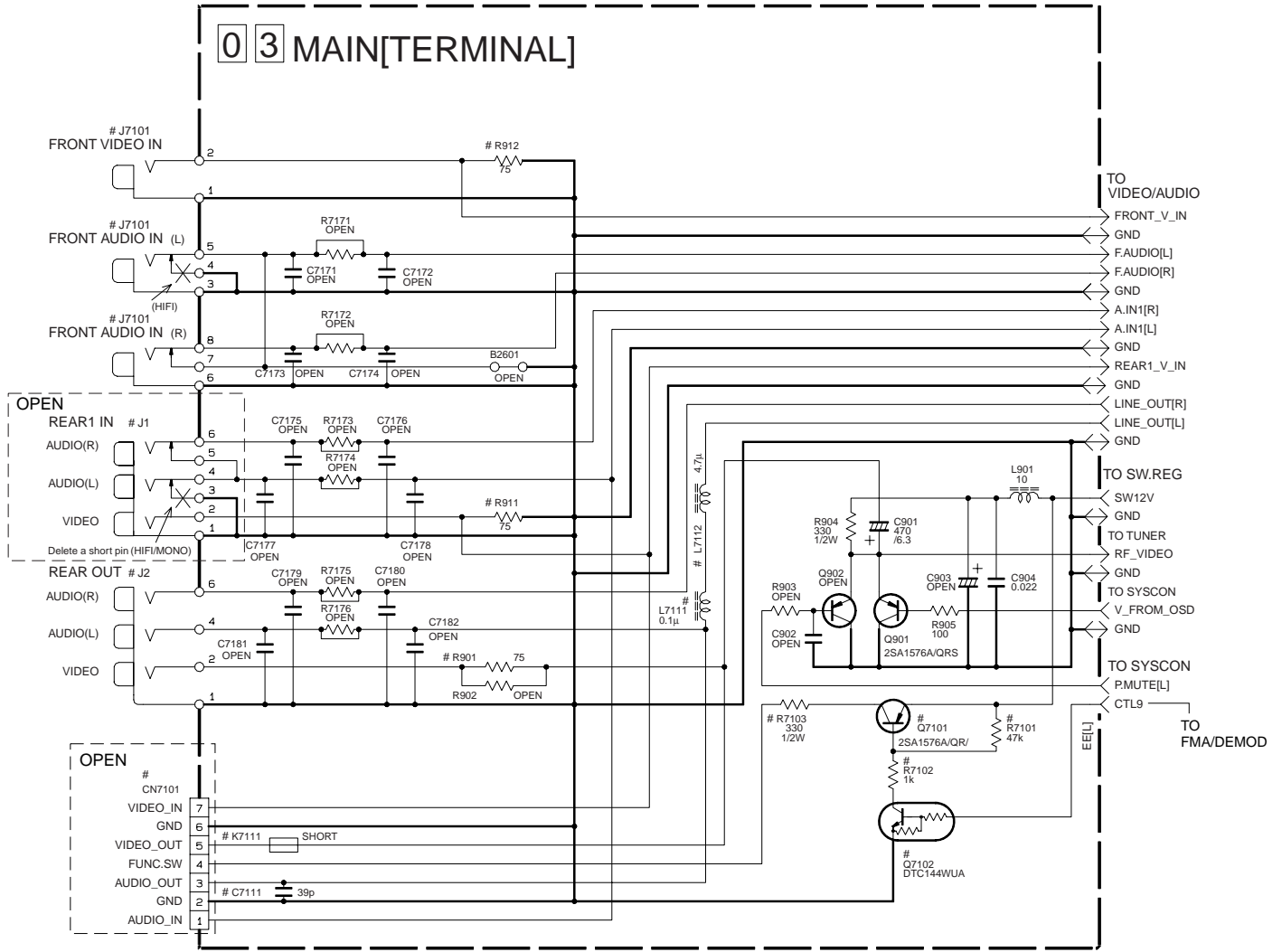
Q4-27	B7011	JOG/SHUTTLE	R7009-R7014
4	B7011	JOG/SHUTTLE	R7009-R7014
---	×	WITH J/S	○
---	×	WITH ADV J/S	×
---	○	OTHERS	×

##DIFFERENCE TABLE 5

REC LINK	Q7013 R7008	D7009	D7010
YES	○	RED	×
NO	×	×	×

4.9 MAIN (TERMINAL) SCHEMATIC DIAGRAM

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only. When replacing the parts, refer to the Parts List.



#DIFFERENCE TABLE 1

OUTPUT	J2
HiFi	3P
MONO	2P

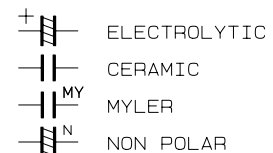
#DIFFERENCE TABLE 3 ○ : Used
x : Not used

	K7111	C7111	L7111	L7112
HR-J278EU		○		○
OTHER		OPEN		SHORT

#DIFFERENCE TABLE 2

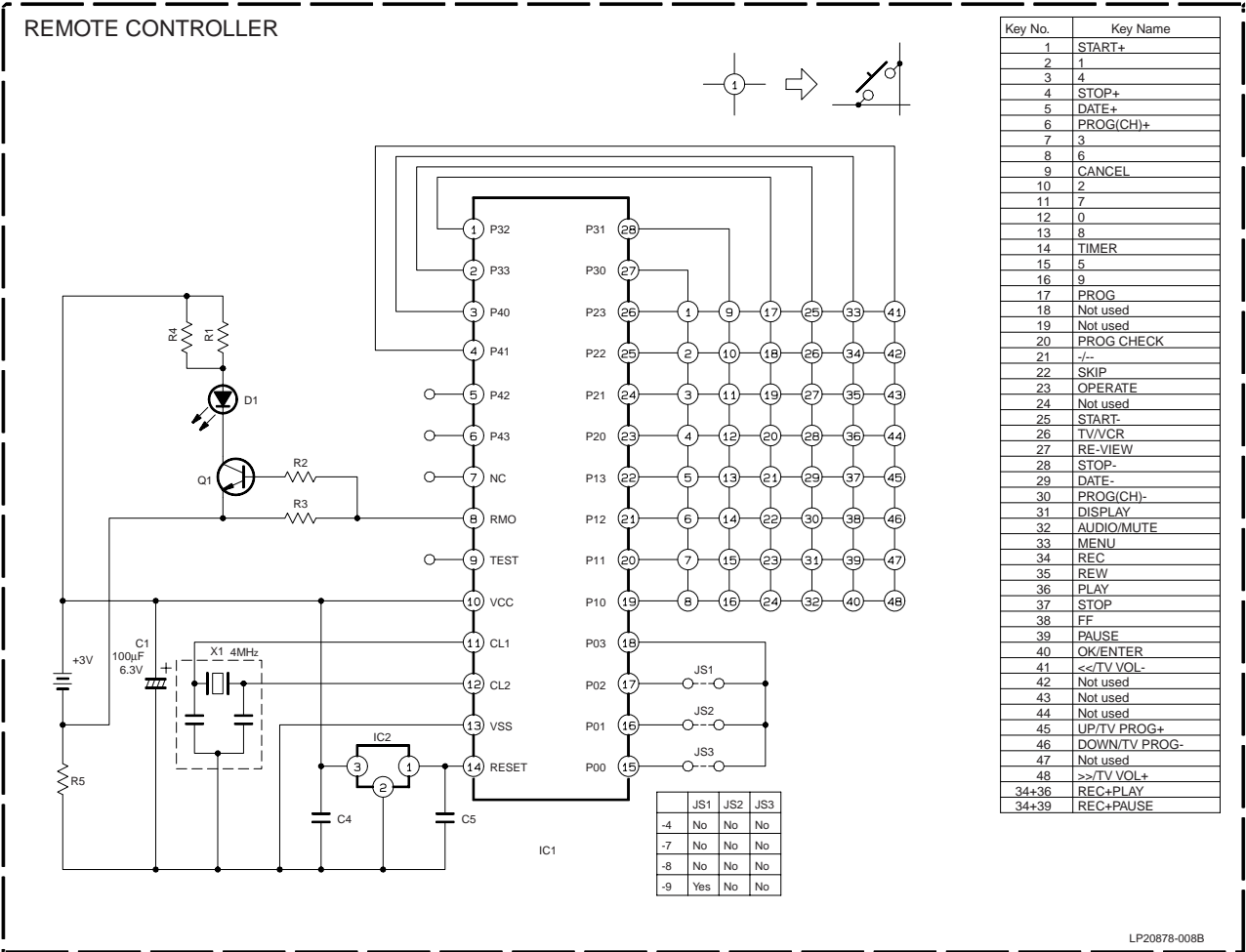
	INPUT	J1	J7101	R911	R912	R901	CN7101,Q7101,Q7102,R7101-R7103
HiFi	FRONT	X	3P	X	○	○	X
	REAR	X	3P	○	X	○	X
	FRONT/REAR	X	3P	○	○	○	X
MONO	FRONT	X	2P	X	○	○	X
	REAR	X	2P	○	X	○	X
	FRONT/REAR	X	2P	○	○	○	X
	PERI CONNECTOR	X	X	X	X	X	○

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.



4.10 REMOTE CONTROLLER SCHEMATIC DIAGRAM

- NOTES:
 1 All parts shown in this schematic are critical for safety.
 2 This schematic is only for reference.
 Avoid replacing individual parts.
 Replace the entire unit only.



LP20678-008B