SECTION 4
CHARTS AND DIAGRAMS

COMPONENT PARTS LOCATION GUIDE <MAIN>

REF.NO.	LOCATION
CAPACITOR	
C1	B C 14N
C2	B C 13O
C3	B C 13O
C4	B C 13O
C5	A D 13N
C6	B C 13N
C7	B C 15O
C8	B C 13O
C9	B C 10N
C10	B C 11O
C11	B C 11N
C12	B C 10N
C13	A D 10N
C14	B C 10N
C15	B C 10N
C16	B C 11N
C17	A D 11N
C18	A D 9N
C19	A D 9M
C20	A D 10M
C21	B C 11N
C22	A D 11M
C23	B C 11M
C24	A D 10M
C25	B C 11M
C26	B C 10L
C27	B C 11L
C28	A D 10M
C29	B C 11L
C30	A D 10L
C31	A D 10L
C32	A D 11L
C33	A D 10L
C34	B C 11K
C35	B C 11L
C36	A D 12K
C37	A D 12K
C38	A D 12L
C39	B C 12L
C40	A D 13L
C41	B C 12J
C42	B C 12J
C44	B C 14M
C51	A D 17G
C53	B C 11K
C54	B C 11K
C55	B C 10K
C56	B C 11K
C57	B C 10O
C58	B C 10O
C59	B C 9O
C60	A D 9O
C61	B C 12N
C62	B C 11N
C64	B C 10L
C65	A D 12N
C69	B C 14N
C70	B C 14N
C78	B C 9O
C79	B C 9K
C80	B C 9L
C81	B C 9K
C92	B C 9M
C94	B C 9K
C95	B C 9K
C96	B C 10L
C98	A D 9M
C106	B C 9N
C108	B C 10K
C109	B C 10N
C110	B C 9N
C112	B C 10K
C113	B C 10K
C114	B C 10K
C120	A D 11L
C136	B C 11N
C201	A D 11G
C202	B C 11F
C203	A D 11G
C205	B C 11G
C207	B C 11F
C208	B C 10G
C209	B C 10G
C210	B C 10F
C211	B C 10G
C212	B C 13G
C213	B C 13G
C301	B C 6J
C302	A D 6J
C303	B C 6J
C304	B C 7J
C305	B C 7J
C306	A D 7J
C307	B C 7J
C308	B C 7J
C309	B C 7J
C310	B C 7J
C311	B C 8J
C312	B C 8K
C313	A D 7K
C314	B C 7K
C315	A D 6K
C316	B C 7K
C317	B C 7K
C318	B C 6K
C319	B C 6K
C320	B C 6J
C321	B C 6K
C322	B C 7K
C901	A D 21N
C902	B C 21M

REF.NO.	LOCATION
C903	A D 20M
C904	B C 20M
C2001	A D 12L
C2002	A D 14L
C2003	A D 13M
C2004	B C 13M
C2005	A D 13O
C2006	B C 13O
C2007	A D 13O
C2008	A D 12O
C2009	B C 12O
C2010	B C 12O
C2011	A D 12O
C2012	A D 12O
C2013	B C 12N
C2014	B C 12K
C2016	B C 13O
C2051	A D 8N
C2052	A D 19K
C2053	B C 8M
C2054	B C 7M
C2055	A D 7M
C2201	A D 18N
C2202	A D 18N
C2203	A D 16N
C2204	A D 16O
C2205	A D 16O
C2206	A D 15O
C2207	B C 15N
C2208	B C 15M
C2209	A D 15M
C2210	A D 15L
C2211	A D 14L
C2212	A D 15M
C2213	B C 15M
C2214	A D 17L
C2215	A D 17M
C2216	A D 17M
C2217	B C 17M
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C2219	A D 18M
C2220	A D 17M
C2221	B C 17M
C2222	B C 15L
C2223	B C 16O
C2224	B C 15L
C2251	B C 15O
C2252	B C 15O
C2253	B C 14O
C2254	A D 15N
C2255	B C 15N
C2256	B C 15N
C2257	B C 14M
C2258	B C 14M
C2259	A D 15M
C2260	B C 15M
C2261	B C 15N
C2262	B C 15N
C3001	B C 7N
C3002	B C 6M
C3003	A D 6M
C3004	B C 11C
C3007	B C 4I
C3008	B C 19J
C3011	A D 14D
C3013	A D 14E
C3015	B C 13E
C3016	B C 13F
C3017	B C 13F
C3018	A D 13F
C3019	B C 12F
C3020	B C 12F
C3022	B C 14E
C3023	B C 20E
C3024	A D 4D
C3025	B C 5C
C3026	A D 21E
C3028	A D 21F
C3029	B C 6C
C3030	A D 6B
C3035	B C 12F
C3036	A D 13F
C3041	B C 14D
C3042	B C 14D
C3043	B C 10G
C3045	B C 10G
C3048	B C 13D
C3049	B C 11H
C3050	B C 8E
C3052	B C 16E
C3053	A D 10C
C3055	A D 20E
C3056	B C 9C
C3057	B C 9C
C3058	B C 12D
C3059	B C 12C
C3060	B C 14F
C3061	B C 12D
C3062	B C 12C
C3063	B C 9C
C3064	B C 14F
C3065	B C 11C
C3066	B C 11C
C3067	B C 11C
C3068	B C 9G
C3069	B C 9G
C3070	A D 13E
C4001	B C 7M
C4002	A D 7H
C4004	A D 7F
C4006	B C 8F
C4007	B C 10E
C4008	A D 7F

REF.NO.	LOCATION
C4009	B C 9E
C4010	A D 8F
C4011	B C 16D
C4012	B C 9F
C4014	B C 10F
C4015	B C 10F
C4016	A D 8C
C4017	B C 7D
C4019	B C 10E
C4022	B C 8F
C5001	A D 1M
C5002	A D 2M
C5003	A D 4M
C5004	A D 1J
C5006	A D 2K
C5101	A D 1L
C5102	A D 1J
C5103	B C 3K
C5104	A D 4L
C5105	A D 3K
C5106	A D 3K
C5107	A D 3J
C5201	A D 1G
C5202	A D 3F
C5203	A D 1F
C5204	A D 3G
C5206	A D 2F
C5207	A D 2E
C5208	A D 3G
C5301	A D 2D
C5302	A D 4E
C5303	A D 4E
C5304	A D 1E
C5305	A D 4G
C5306	A D 4F
C5307	A D 22D
C5308	A D 22E
C6005	A D 21K
C6006	B C 22L
C6007	A D 21J
C6008	B C 22L
C6012	A D 21M
C6013	B C 22N
C6014	B C 22O
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C6022	B C 22M
C6023	B C 22L
C6027	B C 22K
C6028	B C 22K
C6029	B C 21K
C6031	A D 21J
C6033	B C 21G
C6052	B C 22N
C6053	B C 21O
C6501	B C 17N
C6502	A D 18N
C6503	A D 17N
C6504	A D 16L
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C6510	A D 17L
C6511	B C 16L
C6512	B C 16L
C6513	A D 17L
C6514	B C 17M
C6515	A D 18M
C6516	A D 16L
C6517	B C 16L
C6519	B C 21J
C6531	B C 22J
C6532	B C 22I
C6533	B C 21H
C6534	B C 21G
C6535	B C 21H
C6601	A D 16L
C6602	A D 16L
C6604	A D 17L
C6605	A D 17M
C7011	A D 9A
C7012	A D 9A
C7013	B C 18A
C7014	B C 17A
C7041	A D 14A
C7042	A D 15A
C7111	B C 20N
C7171	B C 20A
C7172	B C 19A
C7173	B C 18B
C7174	B C 18B
C7175	B C 19N
C7176	B C 19N
C7177	B C 19N
C7178	B C 19N
C7179	B C 21N
C7180	B C 21N
C7181	B C 21O
C7182	B C 20N
C7201	A D 16D
C7206	A D 16D
CONNECTOR	
CN1	A D 14P
CN1	A D 7P
CN1	A D 14O
CN2	A D 14P
CN2	A D 18O
CN2	A D 7P
CN3	A D 15P
CN3	A D 8P
CN4	A D 14Q

REF.NO.	LOCATION
CN4	A D 7P
CN2001	A D 9O
CN2002	A D 18L
CN3001	A D 7L
CN3002	A D 7O
CN3003	A D 7N
CN3004	A D 9F
CN3005	A D 20G
CN3007	A D 20J
CN3010	A D 20F
CN5001	A D 3O
CN7001	A D 2D
CN7002	A D 4P
CN7003	A D 12P
CN7004	A D 13A
CN7101	A D 20M
DIODE	
D1	A D 16O
D2	A D 16O
D3	A D 10M
D4	A D 8K
D5	A D 8K
D2201	A D 18L
D3001	A D 12H
D3002	A D 6H
D3004	A D 6C
D3005	A D 6C
D3006	A D 5C
D3007	B C 15C
D3008	A D 20G
D3009	B C 12H
D3013	B C 9O
D3015	B C 19E
D3016	A D 14E
D3017	A D 14I
D4003	B C 13F
D5001	B C 2L
D5101	A D 1K
D5102	A D 2J
D5103	A D 3K
D5105	A D 3J
D5201	A D 1G
D5203	A D 2G
D5204	A D 3G
D5207	A D 2G
D5209	A D 3G
D5210	A D 3H
D5301	A D 2G
D5302	A D 4F
D5303	A D 1D
D5304	A D 1E
D5305	A D 22D
D5307	A D 3E
D5316	A D 2E
D6002	A D 21M
D7003	A D 10A
D7009	A D 15A
D7010	A D 16A
D7011	A D 9P
D7012	A D 10P
D7013	A D 11P
D7014	A D 12P
D7043	A D 15A
IC	
IC1	B C 12M
IC301	A D 6K
IC2201	B C 16M
IC3001	B C 11E
IC3002	A D 5M
IC3003	B C 13E
IC3004	B C 20F
IC5301	A D 4F
IC7002	A D 8A
IC7042	A D 14A
JACK	
J1	A D 20O
J2	A D 21O
J7101	A D 20A
J7104	A D 17P
J7105	A D 16P
COIL	
L1	A D 13N
L2	A D 10N
L3	A D 9N
L4	A D 9L
L5	A D 13K
L11	A D 11M
L12	A D 10L
L13	A D 10L
L14	A D 10K
L15	A D 8N
L16	A D 10O
L22	A D 9M
L24	A D 9N
L27	A D 9K
L28	A D 9N
L201	A D 11G
L203	A D 12G
L204	A D 12G
L301	A D 6I
L302	A D 7J
L303	A D 7K
L901	A D 20M
L2001	A D 14L
L2201	A D 15L
L2251	A D 14N
L2252	A D 14N
L5201	A D 3F
L5202	A D 1F
L6001	A D 21J
L6002	A D 21L

REF.NO.	LOCATION
L6003	A D 21L
L6032	A D 22G
L6050	A D 20J
L6501	A D 17L
L7111	B C 19M
L7112	A D 19L
L7201	A D 16C
TRANSISTOR	
Q1	B C 14O
Q2	B C 14N
Q3	B C 14O
Q4	B C 14O
Q5	B C 11O
Q10	B C 11K
Q11	B C 11K
Q12	B C 11J
Q13	B C 11L
Q21	B C 9K
Q22	B C 10J
Q23	B C 9J
Q25	B C 11K
Q26	B C 11K
Q27	B C 11K
Q31	B C 10O
Q32	B C 9M
Q34	B C 9K
Q35	B C 9M
Q38	B C 9N
Q39	B C 10K
Q40	B C 10K
Q41	B C 10K
Q42	B C 10K
Q201	B C 10G
Q202	B C 12G
Q301	B C 7J
Q302	B C 7I
Q311	B C 8I
Q312	B C 8I
Q901	B C 21M
Q902	B C 21M
Q2001	B C 12O
Q2002	B C 11O
Q2003	B C 11O
Q2051	B C 8M
Q2052	B C 7L
Q2053	B C 7L
Q2054	B C 7M
Q2055	B C 7L
Q2201	B C 18L
Q2202	B C 18K
Q2203	B C 18L
Q2204	B C 18L
Q2251	B C 14N
Q2252	B C 14L
Q2253	B C 15M
Q3001	A D 4I
Q3002	A D 19I
Q3003	B C 6M
Q3004	B C 5C
Q3005	B C 16C
Q3006	B C 13E
Q3007	B C 14E
Q4001	B C 16D
Q4002	B C 7D
Q5101	A D 2J
Q5102	A D 3K
Q5301	A D 3F
Q5302	A D 1E
Q5303	B C 2E
Q5304	A D 2E
Q5305	B C 3E
Q5306	B C 5E
Q5307	A D 21E
Q5308	B C 4G
Q5311	B C 4E
Q5321	A D 1E
Q6030	B C 21G
Q6031	B C 21G
Q6501	B C 16L
Q6502	B C 16L
Q6531	B C 22H
Q6532	B C 21H
Q6533	B C 21I
Q7001	B C 10A
Q7002	B C 11A
Q7003	B C 11A
Q7004	B C 11A
Q7005	B C 11A
Q7006	B C 9B
Q7007	B C 13B
Q7008	B C 12A
Q7009	B C 12A
Q7010	B C 10A
Q7011	B C 13A
Q7012	B C 14A
Q7013	B C 16B
Q7101	B C 19M
Q7102	B C 19L
Q7201	A D 17C
RESISTOR	
R1	B C 11O
R2	B C 11O
R3	B C 10N
R5	B C 9J
R6	B C 11M
R7	B C 10K
R8	B C 12K
R9	B C 12K
R12	A D 8N
R21	B C 14N
R22	B C 14N
R23	B C 9O

REF.NO.	LOCATION
R24	B C 11O
R36	B C 12K
R37	B C 11L
R38	B C 11K
R39	B C 11K
R41	B C 12J
R42	B C 11J
R43	B C 11K
R44	B C 11J
R45	B C 11K
R46	B C 9L
R47	B C 10K
R48	B C 9K
R49	B C 10J
R50	B C 9J
R58	B C 9O
R59	B C 9N
R66	B C 9M
R67	B C 11J
R69	B C 10M
R71	B C 13M
R72	B C 9K
R73	B C 9K
R75	B C 11N
R76	B C 10L
R77	B C 15O
R78	B C 12K
R79	B C 12K
R90	B C 10N
R92	B C 10N
R93	B C 10N
R95	B C 10J
R104	B C 9N
R112	B C 12K
R115	B C 9O
R116	B C 10O
R118	B C 12K
R201	B C 11G
R202	B C 11F
R203	B C 10G
R204	B C 10F
R205	B C 10G
R206	B C 10G
R207	B C 10G
R210	A D 12G
R211	B C 12G
R301	B C 6J
R302	B C 6J
R303	B C 7J
R304	B C 7J
R305	B C 8J
R306	B C 7J
R307	B C 8J
R308	B C 8J
R309	B C 7K
R310	B C 7K
R311	B C 7K
R312	B C 6K
R313	B C 6J
R314	B C 7I
R315	B C 7I
R316	B C 7I
R321	B C 8I
R328	B C 7K
R329	B C 6K
R901	B C 21O
R902	B C 21O
R903	B C 21M
R904	A D 20N
R905	B C 21M
R911	B C 20O
R912	B C 21B
R2001	B C 13L
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R2207	B C 16O
R2208	B C 16O
R2209	B C 18M
R2210	B C 17L
R2211	B C 18L
R2212	B C 18M

REF.NO.	LOCATION
R2213	B C 17L
R2214	B C 17M
R2215	A D 18M
R2216	B C 18M
R2217	B C 18M
R2218	B C 19M
R2219	B C 18M
R2220	B C 18L
R2221	A D 15K
R2222	B C 16O
R2223	B C 16N
R2224	B C 15L
R2225	B C 15L
R2226	B C 18N
R2227	B C 18N
R2228	B C 17N
R2229	B C 17N
R2251	B C 15N
R2252	B C 11J
R2253	A D 15M
R2255	B C 15M
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R3017	B C 14D
R3018	B C 14D
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R3027	A D 14E
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R3096	B C 10D
R3097	B C 11D
R3098	B C 11D
R3099	B C 11D
R3100	B C 11D
R3114	A D 13D
R3116	B C 16F
R3117	B C 9D
R3201	B C 5M
R3202	B C 6M
R3203	B C 6M
R3204	B C 5M
R3205	B C 14C
R3206	B C 8F
R3207	B C 8F
R3208	B C 9F
R3209	A D 11H
R3210	A D 7F
R3211	B C 17B
R3212	B C 16E
R3213	A D 16E
R3214	B C 9G
R3215	B C 9G
R3216	B C 6G
R3217	B C 6G
R3218	B C 6M
R3219	A D 17C
R3220	B C 13D
R3222	B C 13D

REF.NO.	LOCATION
R3223	B C 12F
R3224	B C 13F
R3225	B C 12F
R3226	B C 19E
R3227	B C 20E
R3232	A D 7B
R3233	B C 5C
R3234	B C 5C
R3235	B C 20J
R3236	B C 15C
R3237	B C 15D
R3238	B C 15C
R3240	A D 5B
R3241	A D 5B
R3242	B C 13G
R3243	B C 14E
R3244	B C 14D
R3245	B C 13E
R4001	A D 14G
R4002	A D 14G
R4003	B C 9F
R4004	A D 15E
R4006	B C 12C
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R4011	B C 9E
R4012	B C 9E
R4013	B C 13D
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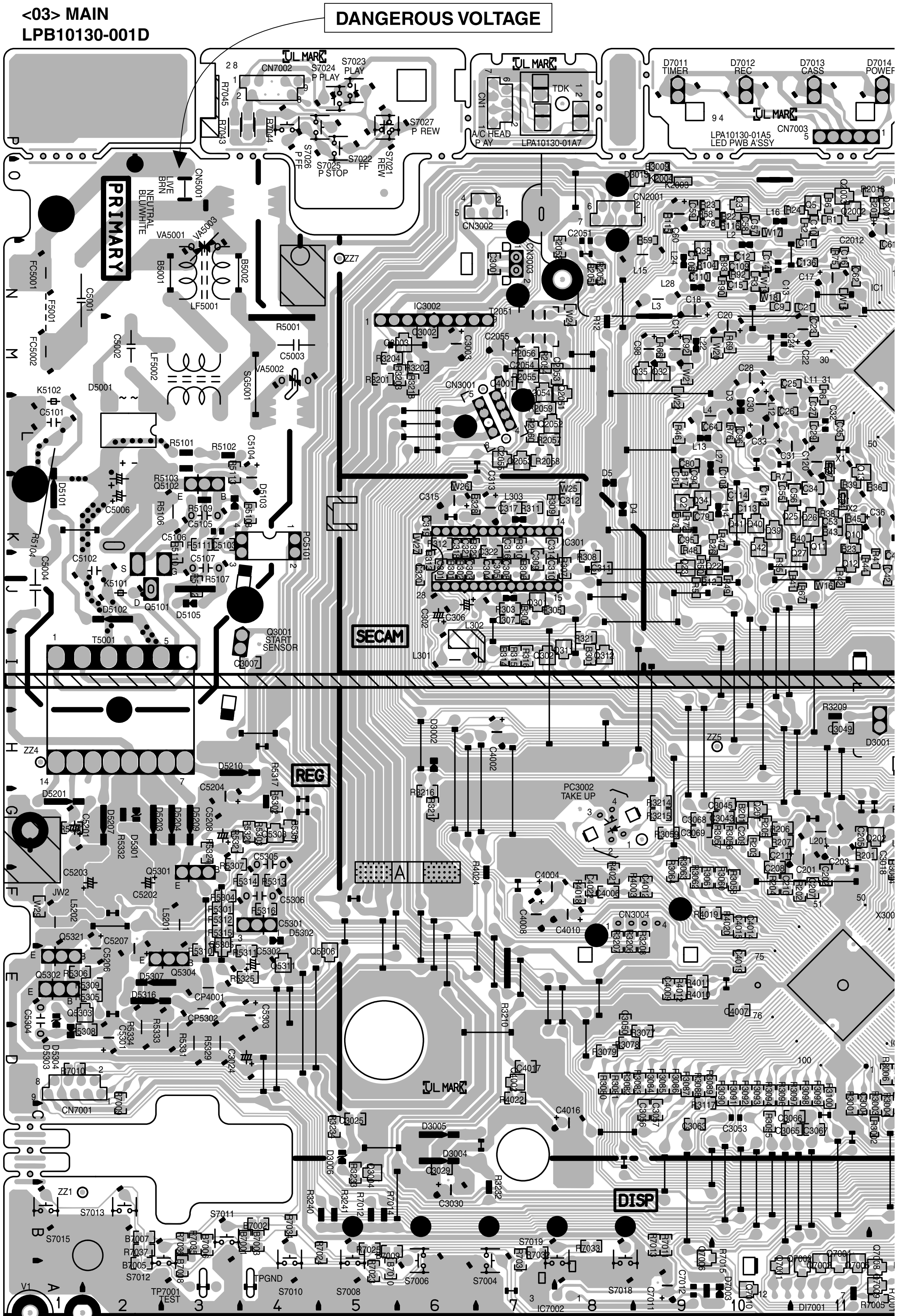
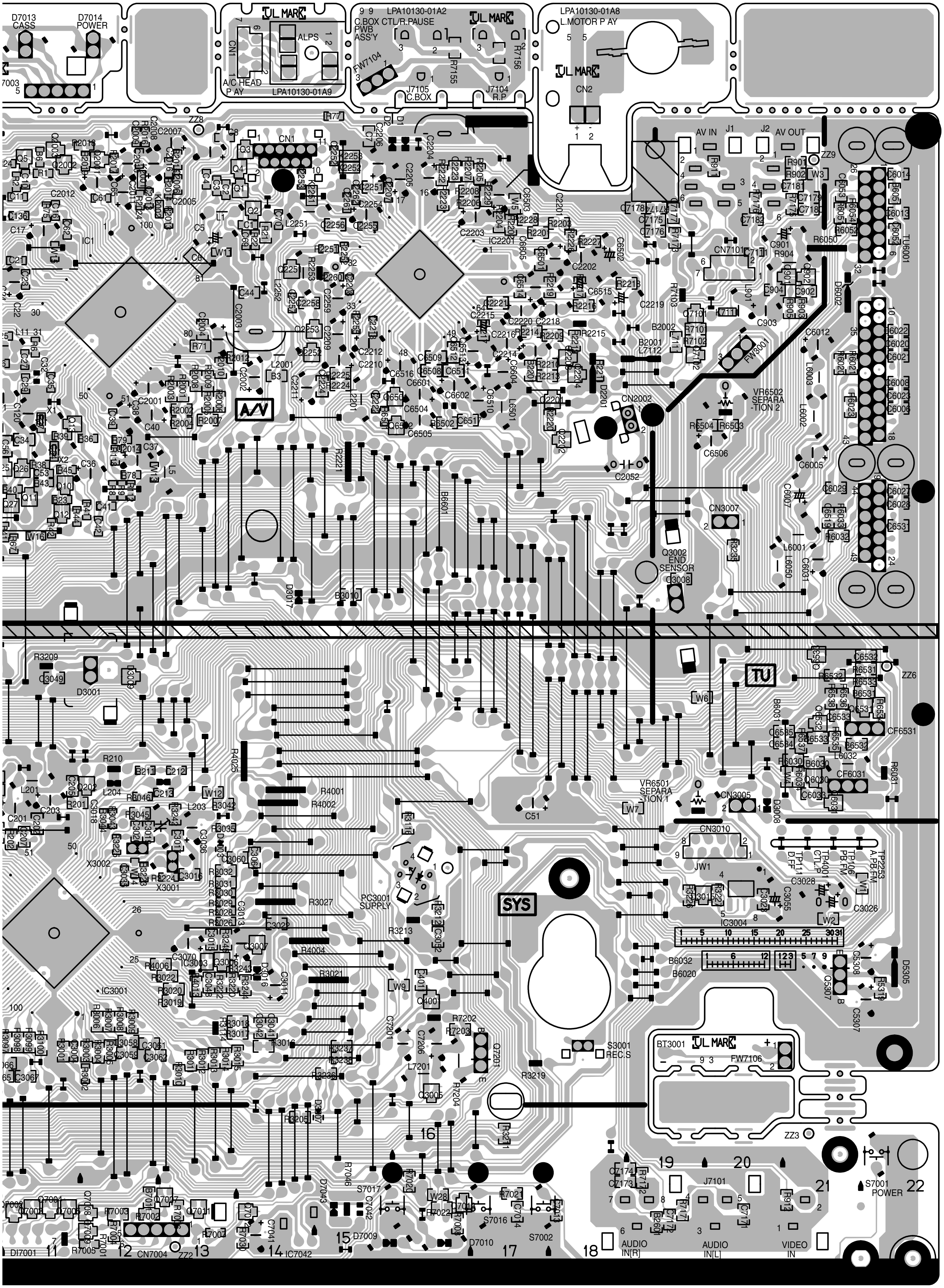
R4021	B C 8F
R4022	B C 7D
R4024	A D 7F
R4025	A D 14H
R5001	A D 4M
R5101	A D 3L
R5102	A D 3L
R5103	A D 3L
R5104	A D 1L
R5106	A D 3K
R5107	A D 3J
R5108	B C 4K
R5109	A D 3K
R5110	B C 3K
R5111	B C 3K
R5112	B C 3J
R5113	B C 3L
R5301	B C 3F
R5302	B C 4G
R5303	B C 4G
R5304	B C 3F
R5305	B C 2E
R5306	B C 1E
R5307	B C 3G
R5308	B C 2D
R5309	B C 2E
R5310	B C 3E
R5311	B C 4E
R5312	B C 3F
R5313	B C 4F
R5314	B C 4F
R5315	B C 3F
R5316	B C 4F
R5317	A D 4H
R5319	B C 22D
R5320	B C 4G
R5321	B C 3G
R5324	B C 3G
R5325	B C 4E
R5329	A D 3D
R5330	B C 1G
R5331	A D 3D
R5332	A D 2G
R5333	A D 3D
R5334	A D 2D
R6020	B C 21L
R6021	B C 21L
R6023	B C 21L
R6030	B C 21G
R6031	A D 22G
R6032	B C 21J
R6033	B C 21J
R6034	B C 21G
R6050	A D 21N
R6051	B C 21N
R6052	B C 21N
R6054	B C 21N
R6501	B C 15L
R6502	B C 16L
R6503	B C 20L
R6504	B C 20L
R6527	B C 22H
R6531	B C 9D
R6532	B C 21H
R6533	B C 22H
R6534	B C 22H
R6535	B C 21G
R6536	B C 21H
R6537	B C 21G
R6538	B C 21H
R7001	A D 11A
R7002	B C 12A
R7003	B C 12A
R7004	B C 12A
R7005	B C 13A
R7006	B C 13A
R7007	B C 13A
R7008	B C 16A
R7009	B C 2D
R7010	B C 1D
R7011	B C 9B
R7012	A D 5B
R7013	B C 9B
R7014	A D 5B

REF.NO.	LOCATION
R7015	A D 9A
R7020	B C 16B
R7021	B C 17B
R7022	B C 16A
R7023	B C 5A
R7024	B C 5B
R7025	B C 5B
R7030	B C 14A
R7031	B C 7B
R7032	B C 7B
R7033	B C 8B
R7034	B C 4B
R7035	B C 3B
R7036	B C 3B
R7037	B C 2B
R7043	B C 3P
R7044	B C 4P
R7045	B C 4P
R7046	A D 15B
R7101	B C 19M
R7102	B C 19M
R7103	A D 19M
R7155	B C 16P
R7156	B C 17P
R7171	B C 19A
R7172	B C 19B
R7173	B C 19N
R7174	B C 19N
R7175	B C 21N
R7176	B C 20N
R7202	A D 16D
R7203	B C 16D
R7204	A D 16C
VR6501	A D 19G
VR6502	A D 20L
SWITCH	
S3001	A D 18C
S7001	A D 22B
S7002	A D 17B
S7004	A D 7B
S7006	A D 6B
S7008	A D 5B
S7010	A D 4B
S7011	A D 3B
S7012	A D 3B
S7013	A D 2B
S7015	A D 1B
S7016	A D 17B
S7017	A D 16B
S7018	A D 8B
S7019	A D 8B
S7021	A D 5P
S7022	A D 5P
S7023	A D 5P
S7024	A D 5P
S7025	A D 5P
S7026	A D 4P
S7027	A D 5P
TESTPOINT	
TP106	A D 21F
TP111	A D 20F
TP2253	A D 21F
TP4001	A D 21F
TP7001	A D 3A
TPGND	A D 4A
OTHER	
BT3001	A D 19C
CF6031	A D 22G
CF6531	A D 22H
CP4001	A D 3E
CP5302	A D 3E
DI7001	A D 12A
F5001	A D 1N
FC5001	A D 1N
FC5002	A D 1M
FW3001	A D 20M
FW7104	A D 15P
FW7106	A D 21D
K2001	B C 12O
K2002	B C 13N
K2003	B C 9O
K2004	B C 9O
K2251	B C 14N
K2252	B C 15O
K2253	B C 15O
K5101	A D 2J
K5102	A D 1L
K7111	B C 20M
LF5001	A D 3N
LF5002	A D 3L
PC3001	A D 16F
PC3002	A D 8G
PC5101	A D 4K
SG5001	A D 4L
T2051	A D 7M
T5001	A D 1I
TU6001	A D 22O
VA5001	A D 3N
VA5002	A D 4M
VA5003	A D 3O
X1	A D 11L
X2	A D 11K
X3001	A D 13F
X3002	A D 12F

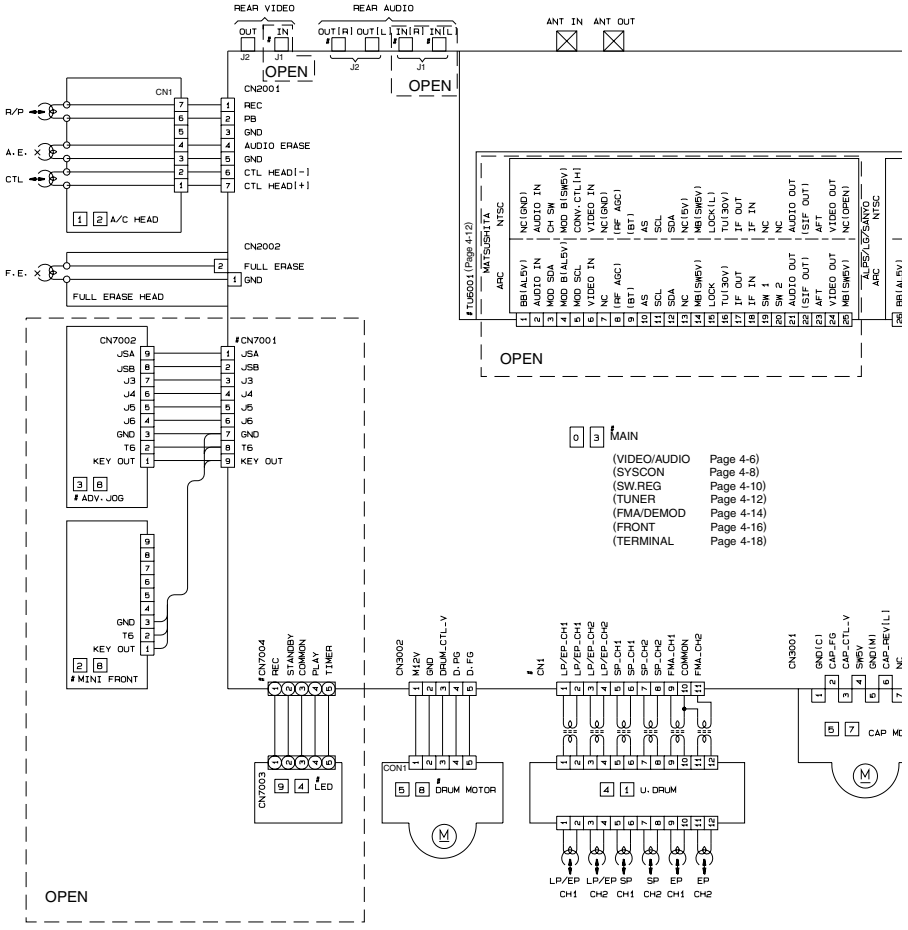
4.1 MAIN, LT BATTERY CIRCUIT BOARD

<03> MAIN
LPB10130-001D

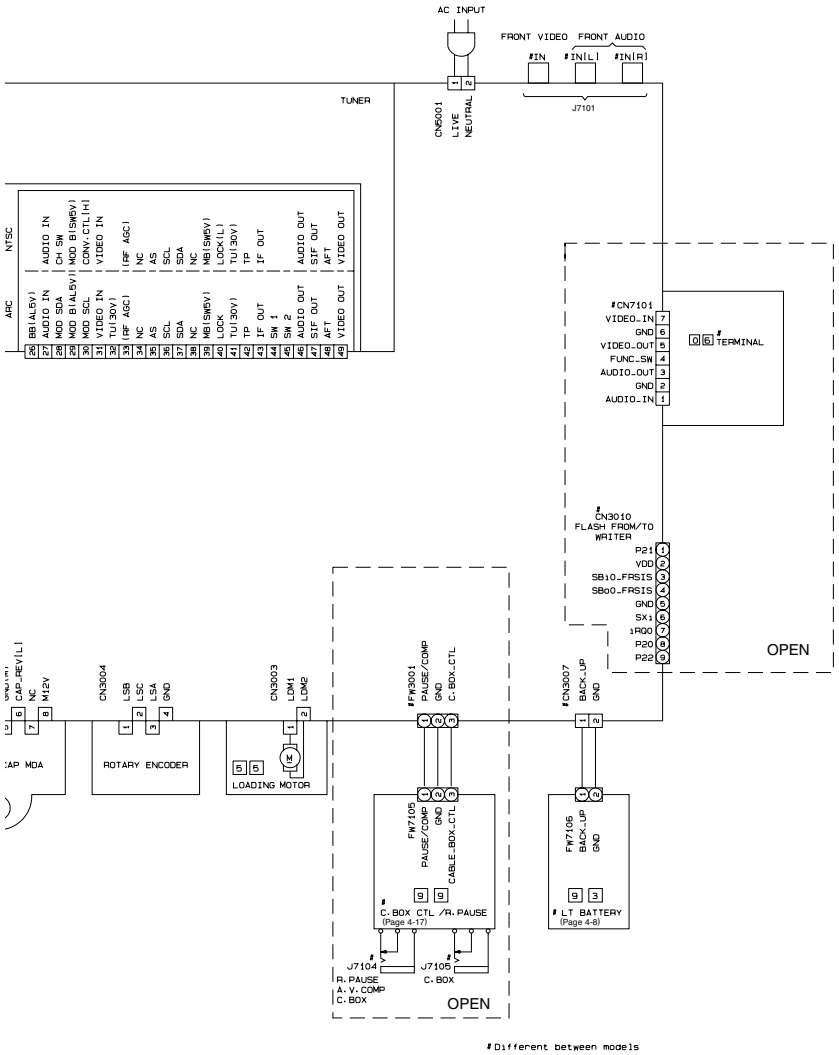



D7013 CASS
D7014 POWER
ALPS
A/C HEAD P AY
LPA10130-01A9
LPA10130-01A2
C.BOX CTL/R.PAUSE PWB ASS'Y
FW7104
J7105 C.BOX
J7104 R.P
LPA10130-01A8
L.MOTOR P AY
CN2
AV IN
AV OUT
TU6001
IC1
IC2201
CN7101
VR6502 SEPARA -TION 2
CN2002
CN3007
Q3002 END SENSOR
TU
VR6501 SEPARA -TION 1
CN3005
CN3010
IC3004
PC3001 SUPPLY
SYS
IC3001
IC3003
BT3001
FW7106
S3001 REC.S
S7001 POWER
J7101
AUDIO IN[R]
AUDIO IN[L]
VIDEO IN
CN7004
IC7042

4.2 BOARD INTERCONNECTION



NO	NAME
99	C.BOX CTL/R.PAUSE
94	LED
93	LT BATTERY
58	DRUM MOTOR
57	CAP MDA
55	LOADING MOTOR
41	U.DRUM
38	ADV. JOG
28	MINI FRONT
12	A/C HEAD
06	TERMINAL
03	MAIN



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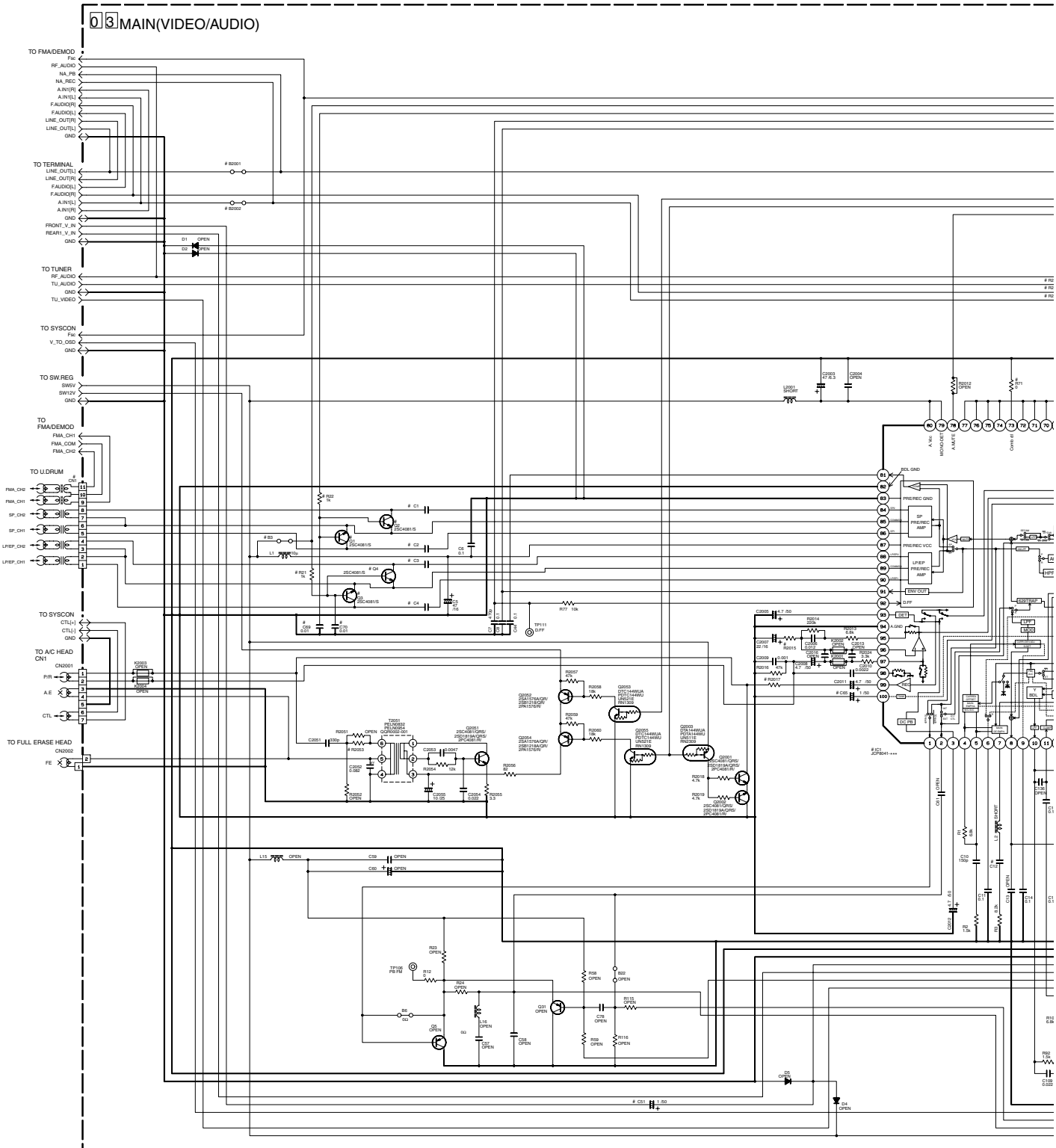
4.3 MAIN (VIDEO/AUDIO) SCHEMATIC DIAGRAM



#DIFFERENCE TABLE 1

		IC1	X1	D3	Q12	Q13	Q32	Q41	R7	R8	R42,R44,R45	R46	R66	R90	R93	C12	C29	C34	C35	C54	C64	C65	C69,C70	C81	C106	C108	C110	C114	L13	L24	L27	L28	B17	B23	Q21,Q34,R47,R48,R72,R73,C79,
NTSC	PCE(/50)	NVD-2	×	×	×	×	○	×	820	SHORT	×	120	○	470	1k	33p	4700p	0.1	0.033	SHORT	20p	×	×	○	×	×	330p	×	68µ	SHORT	×	15µ	×	○	×
	OTHERS	NVD-2	×	×	×	×	○	×	820	**SHORT**	×	×	○	470	1k	33p	4700p	0.1	0.033	SHORT	×	×	×	×	×	×	330p	×	×	SHORT	×	15µ	×	○	×
PAL M		MVD-2	QAX0578	○	○	○	○	×	820	**SHORT**	○	×	○	470	1k	33p	0.068	0.1	0.01	○	×	×	×	×	×	×	330p	×	×	SHORT	×	15µ	×	×	×
PAL N	HiFi	MVD-2	QAX0580	×	○	×	○	×	680	**SHORT**	○	×	○	390	2.2k	47p	0.033	0.22	0.033	○	×	×	○	×	○	×	82p	×	×	27µ	×	68µ	×	×	×
	MONO	MVD-2	QAX0580	×	○	×	○	×	680	**SHORT**	○	×	○	390	2.2k	47p	0.033	0.22	0.01	○	×	×	×	×	○	×	82p	×	×	27µ	×	68µ	×	×	×
PAL/ARC	HiFi	MVD-2	QAX0576/79	×	○	×	×	○	680	○	○	330	×	390	2.2k	47p	0.033	0.22	0.01	○	22p	○	○	○	○	○	82p	○	33µ	27µ	○	68µ	○	×	×
	MONO	MVD-2	QAX0576/79	×	○	×	×	○	680	○	○	330	×	390	2.2k	47p	0.033	0.22	0.01	○	22p	○	○	○	○	○	82p	○	33µ	27µ	○	68µ	○	×	×
with SECAM	HiFi	MVD-2	QAX0576/79	×	○	×	×	○	680	SHORT	○	330	×	390	2.2k	47p	0.033	0.22	0.01	○	22p	○	×	○	○	○	82p	○	33µ	27µ	○	68µ	×	×	○
	MONO	MVD-2	QAX0576/79	×	○	×	×	○	680	SHORT	○	330	×	390	2.2k	47p	0.033	0.22	0.01	○	22p	○	×	○	○	○	82p	○	33µ	27µ	○	68µ	×	×	○

#DIFFERENCE TABLE 2

3.58NTSC	X2
YES	○
NO	×

#DIFFERENCE TABLE 3

INPUT	C18	C51
FRONT	×	○
REAR	○	×
FRONT/REAR	○	○

#DIFFERENCE TABLE 4

HEAD TYPE		Q1,Q2	Q3,Q4	C1,C2	C3,C4	R71	R21	R22	B3	CN1
4HEAD HiFi	NTSC/PAL-M	×	×	1	1	×	×	×	×	11 PIN(1-11)
	PAL/ARC/PAL-N	○	○	0.01	0.01	×	○	○	×	11 PIN(1-11)
4HEAD MONO	NTSC/PAL-M	×	×	1	1	×	×	×	×	8 PIN(1-8)
	PAL/ARC/PAL-N	×	×	0.1	0.1	×	×	×	×	8 PIN(1-8)
2HEAD	J278EU	×	○	0.1	SHORT	○	○	×	○	4 PIN(5-8)
	OTHER	×	×	0.1	×	○	×	×	×	4 PIN(5-8)

#DIFFERENCE TABLE 8

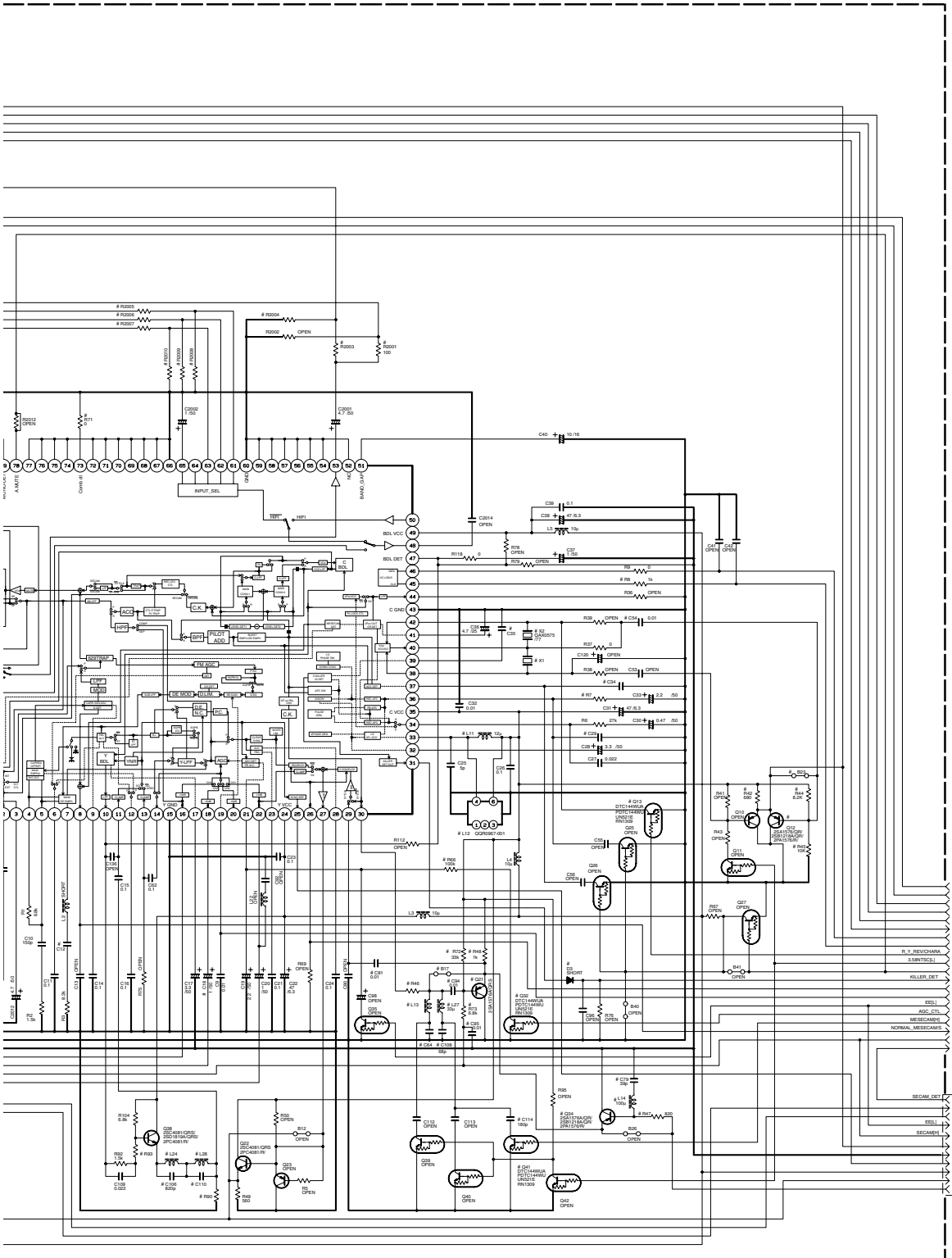
CE	L11	L12
YES	×	○
NO	○	×

○ : Used
× : Not used

NOTES:UNLESS OTHERWISE SPE
ALL RESISTANCE VALUES ARE
ALL INDUCTANCE VALUES ARE
ALL CAPACITANCE VALUES AR

ELECTROLYTIC
CERAMIC
MYLER
NON POLAR

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.



B23	Q21,Q34,R47,R48,R72,R73,C79,C94,C95,L14
○	×
○	×
×	×
×	×
×	×
×	×
×	×
×	○
×	○

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

#DIFFERENCE TABLE 6

	DESTINATION	INPUT	FRONT IN		FMA => AV1(HiFi) REAR IN(PERI IN)(MONO)		
			R2006	R2009	R2002	R2007	R2010
HiFi	NTSC/PAL M/PAL N		×	×	×	12k	12k
	ARC		×	×	×	18k	12k
MONO	NTSC/PAL M/PAL N	FRONT/REAR	47k	6.8k	○	47k	6.8k
		FRONT	47k	6.8k	×	×	×
		REAR	×	×	○	47k	6.8k
	PAL/ARC	FRONT/REAR	47k	5.6k	○	47k	5.6k
		FRONT	47k	5.6k	×	×	×
		REAR	×	×	○	5.6k	47k

#DIFFERENCE TABLE 5

		RF-OUT	AV1=>FMA(HiFi) LINE OUT(MONO)			TU-IN		PB GAIN	REC LEVEL	BIAS LEVEL
		R2001	B2001	R2003	R2004	R2005	R2008	R2015	R2017	R2053
HiFi	NTSC/PAL M	×	×	100	×	×	×	180	12k	2.7k
	PAL N	×	×	100	×	×	×	120	18k	5.6k
	PAL/ARC	×	×	100	×	×	×	180	15k	3.9k
MONO	NTSC/PAL M	○	○	680	2.7k	33k	47k	180	12k	2.7k
	PAL N	○	○	680	2.7k	33k	47k	120	18k	5.6k
	PAL/ARC	○	○	100	4.7k	15k	10k	180	15k	3.9k

○:used
×:Not used

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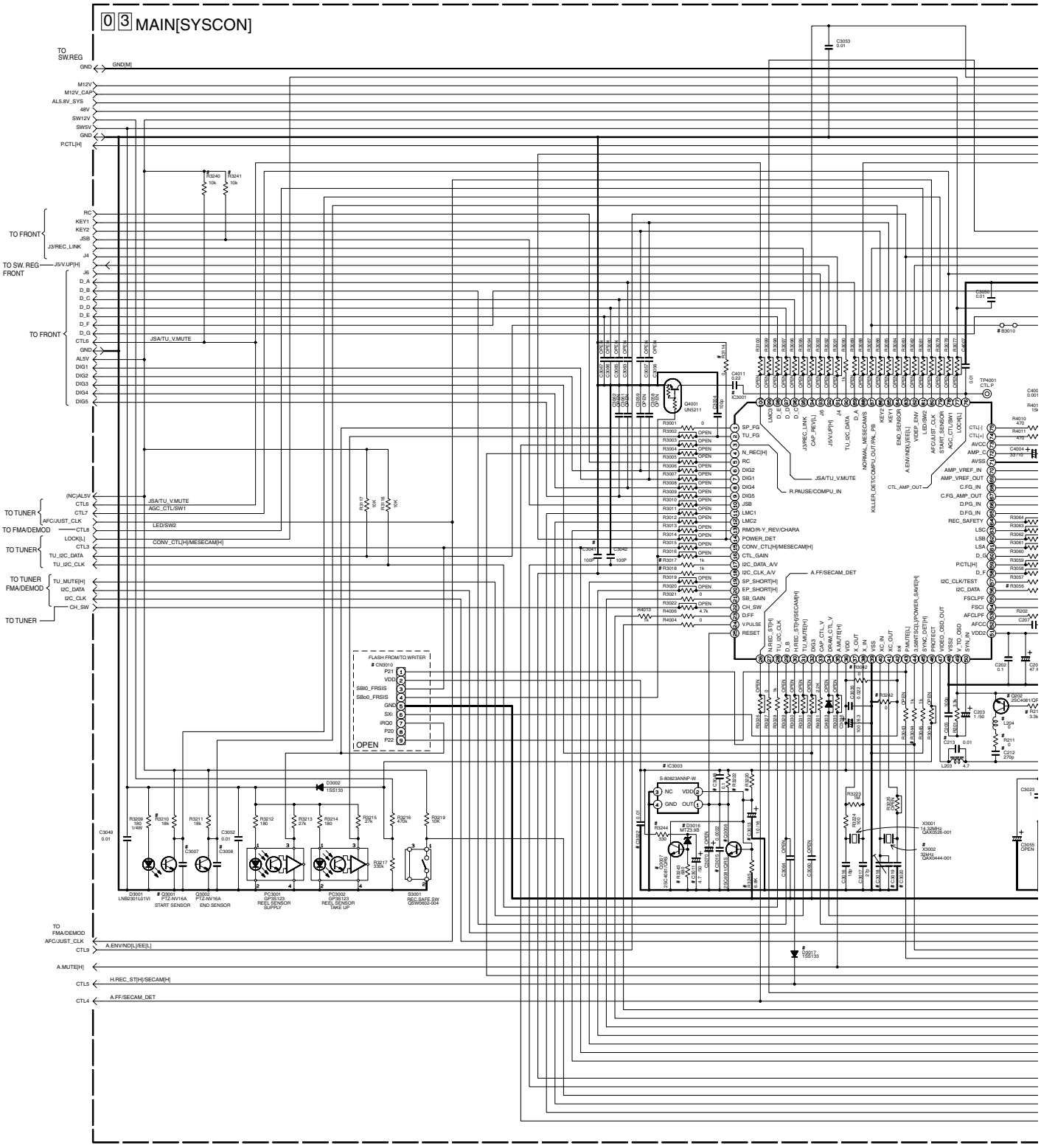
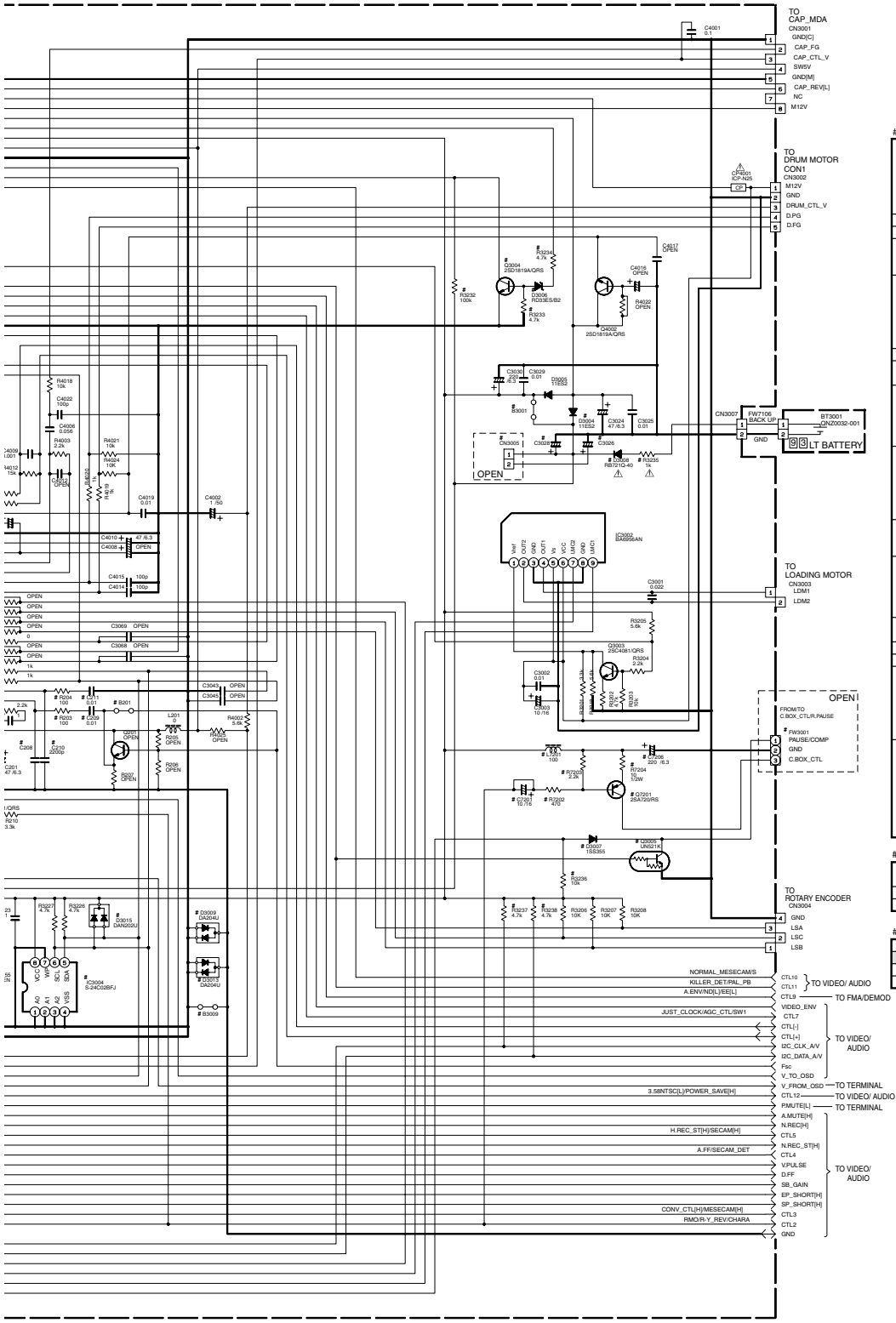
4.4 MAIN (SYSCON) AND LT BATTERY SCHEMATIC DIAGRAMS



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.



○ : Used
× : 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 C.BOX CTL	FW3001	x	x
	Q3005	x	x
	R3236 D3007	x	x
	R7202 R7203 R7204 L7201 C7206 Q7201	x	x
	C7201	x	x
ADV. JOG/SHUTTLE	R3240 R3241	x	x
3.58NTSC[L]/ POWER SAVE[H]	R3044	x	x
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
	C3020	x	18p
POWER DET	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	Q3001 R3210	x	x
ANTI LINE NOISE	C3041	o	o
OSD	R203 R204	x	x
	C208 C210	0Ω	0Ω
	C209 C211 B201	x	x
	Q202 L204 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* MN101DP02JAFW*	MN101D06GW* MN101DP06JAFW*
B3010	x	o
R3056	o	x

#DIFFERENCE TABLE

	D3017
HiFi	o
SECAM	SHORT
OTHERS	x

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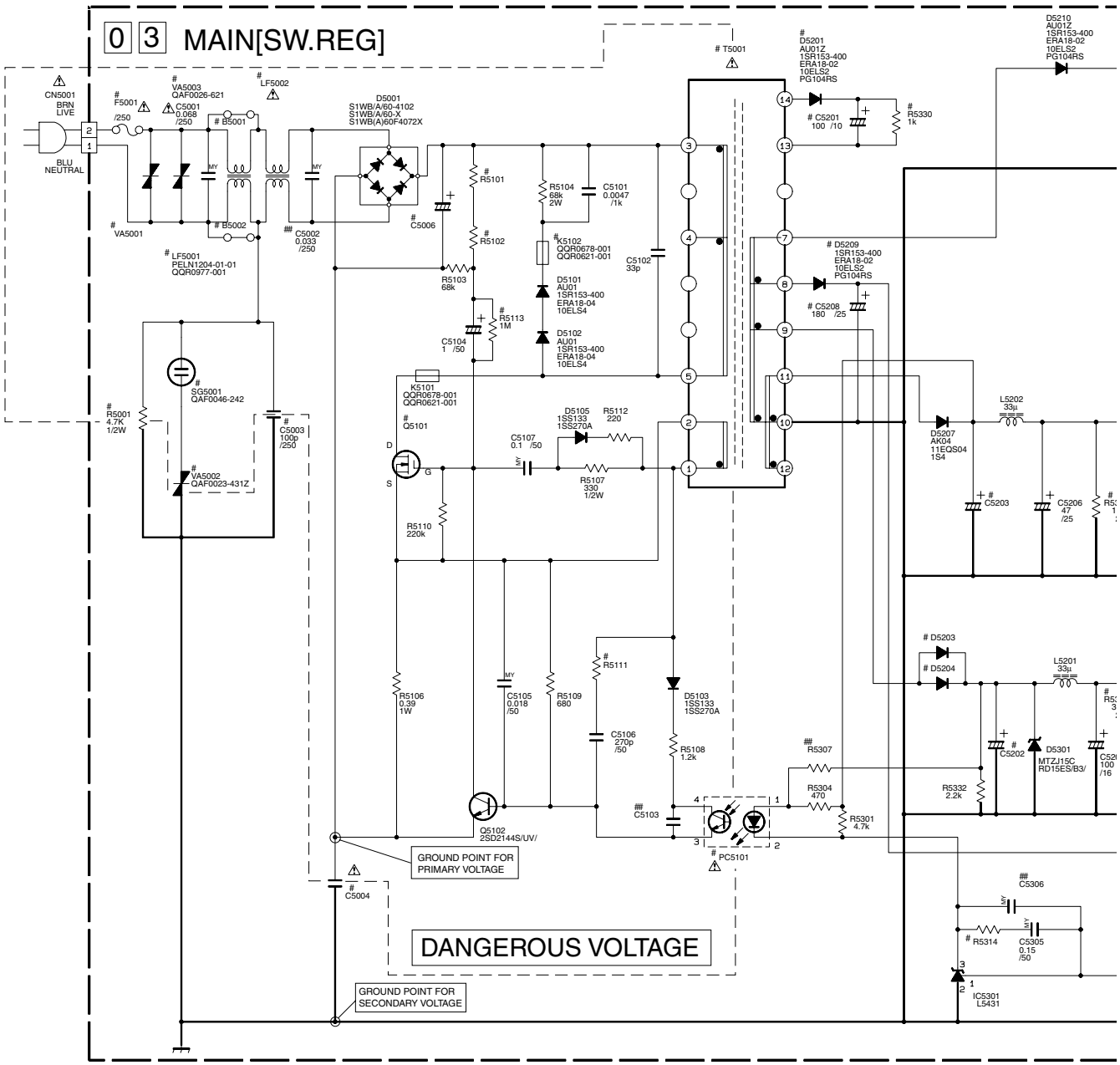
4.5 MAIN (SW. REG) SCHEMATIC DIAGRAM



##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 PC817 ON3131/RS/ PC817X	1.25A
PH /78	2SK3255	NO	0.0022 /250	68 /400	PS2561L1-1/WL/ PC123F2 ON3171/R/	2A
OTHER	2SK2632 2SK2129	NO	0.0022 /250	68 /400	PS2561L1-1/WL/ PC123F2 ON3171/R/	2A

#DIFFERENCE TABLE 2

CE	Q5308 R5317 R5320 R5321	B5301	D5302	R5101 R5102	R5111	LF5001	LF5002	B5002 B5001	R5302	R5303	R5313	R5
-YES-	YES	NO	YES	330k	680	YES	QQR0608-001 QQR0609-001 QQR0610-001 QQR0978-001	NO	1.0k	1.2k	3.3k	1
-NO-	NO	YES	SHORT	220k	820	NO	QQR0533-001 QQR0532-001 QQR0516-001 QQR0932-001 QQR0816-001	YES	1.5k	1.5k	3.6k	3

#DIFFERENCE TABLE 3

SURGE	SG5001	VA5001	VA5002	R5113	VA5003
US	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
PHILIPS/75	YES	SHORT
OTHER	NO	SHORT

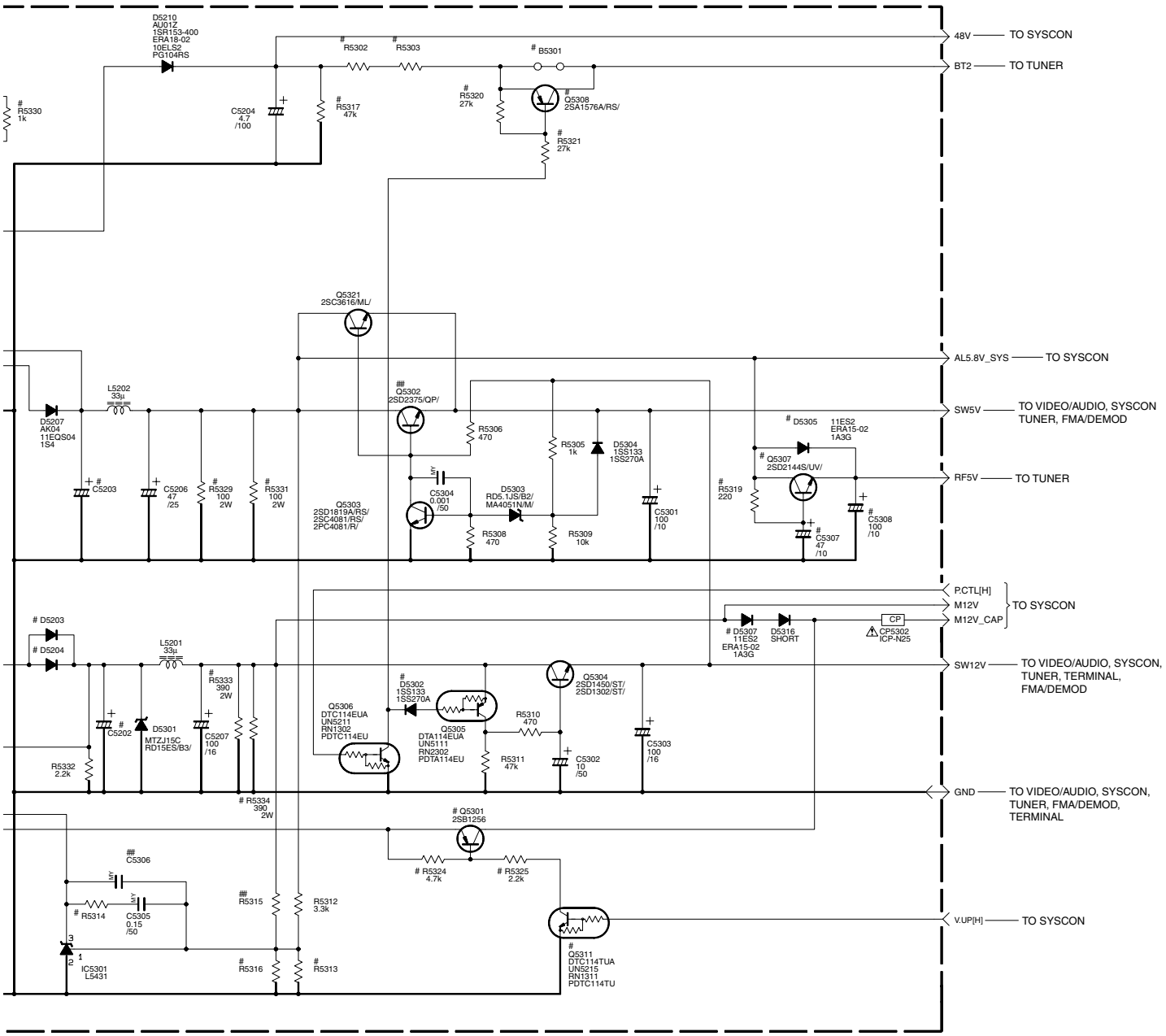
#DIFFERENCE TABLE 6

		R5329	R5331	R5333	R5334
AUTO VOLTAGE	RF5V -YES-	NO	NO	YES	YES
	RF5V -NO-	NO	YES	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	QQS0030-002 QQS0031-002	YES	YES	YE
NORMAL SPEED FF/REW	QQS0083-001 QQS0084-001 QQS0093-001	NO	NO	N
CE	QQS0034-001 QQS0033-001	NO	NO	YE

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
R0608-001 R0609-001 R0610-001 R0978-001	NO	1.0k	1.2k	3.3k	1.0k	10k
R0533-001 R0532-001 R0516-001 R0932-001 R0816-001	YES	1.5k	1.5k	3.6k	3.3k	8.2k

#DIFFERENCE TABLE 4

RF5V	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	QQS0030-002 QQS0031-002	YES	YES	YES	YES	AU01Z 10ELS2
ED	QQS0083-001 QQS0084-001 QQS0093-001	NO	NO	NO	SHORT	AU01Z 1SR153-400 ERA18-02 10ELS2 PG104RS
	QQS0034-001 QQS0033-001	NO	NO	YES	SHORT	

#DIFFERENCE TABLE 8

	C5202	C5203
US	1000 /16	1000 /10
OTHER	680 /16	680 /10

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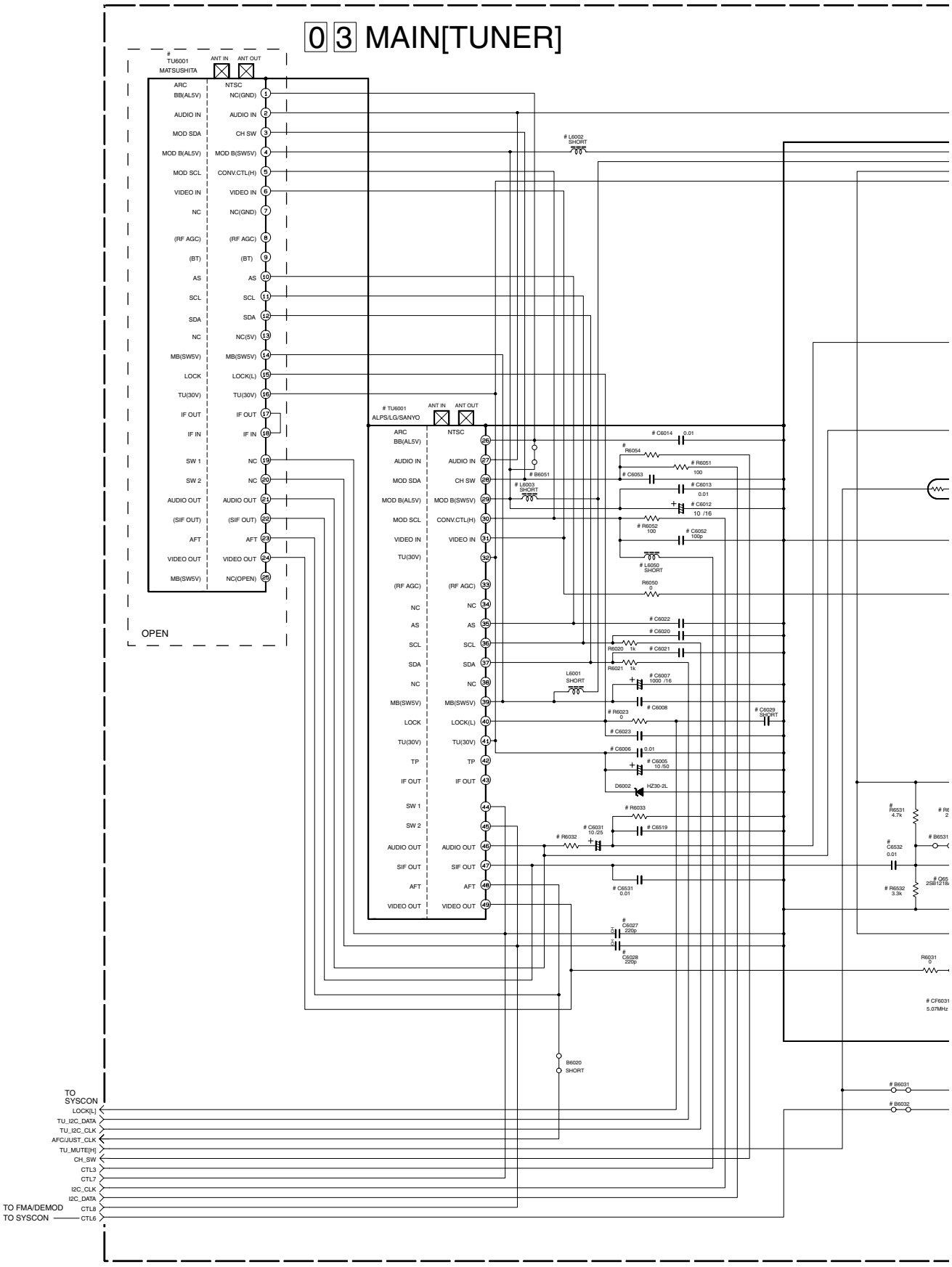
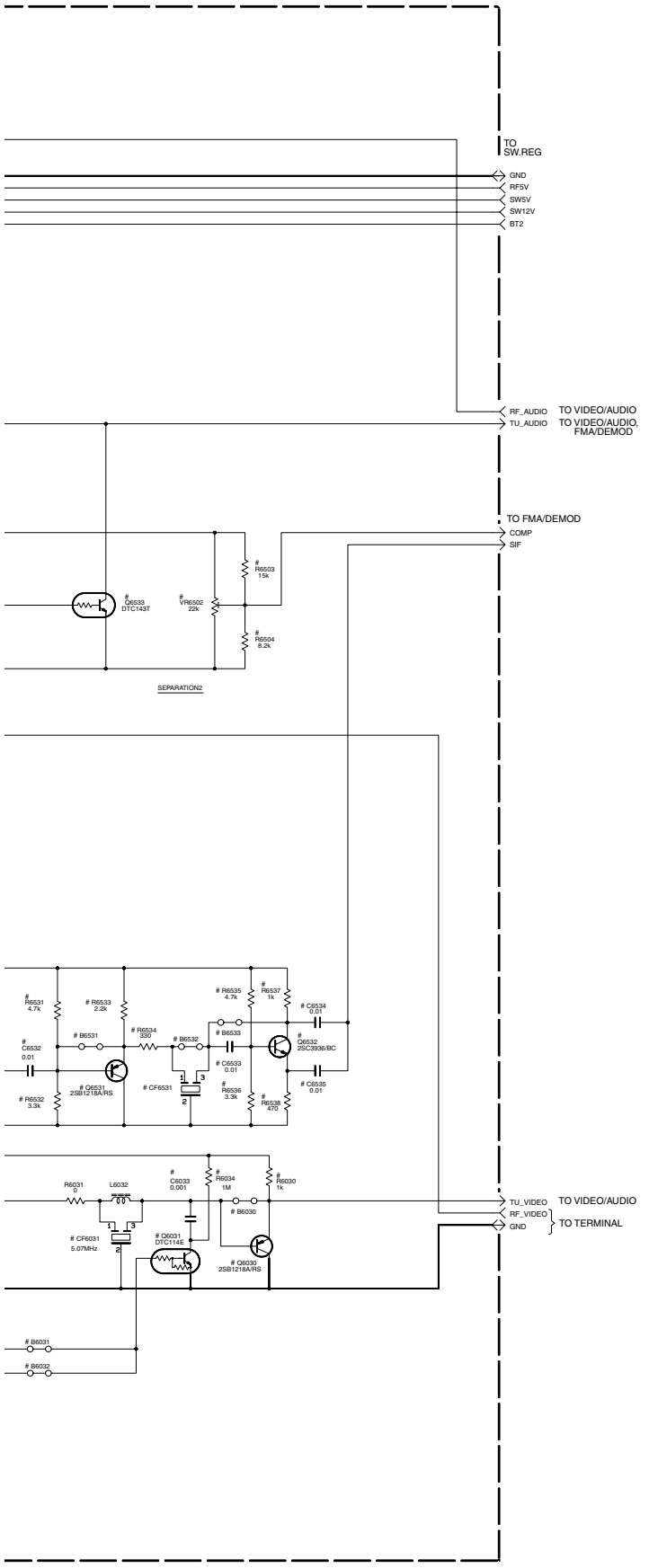
4.6 MAIN (TUNER) SCHEMATIC DIAGRAM



CTL3	CONV_CTL[H]/MESECAM[H]
CTL6	J1(JSA)/TU_V_MUTE[H]
CTL7	AGC_CTL/SW1
CTL8	LED/SW2

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 (QAU0235)	QAU0207 (QAU0235)
	SANYO	QAU0226	QAU0226
VIDEO BUFFER	Q6030,R6030,	○	○
	B6030	×	×
VIDEO MUTE	Q6031,R6034, C6033,B6031	×	×
LOCK	R6023,C6023	×	×
	C6029	○	○
MONO	R6032	×	15k
	R6033	×	10k
	C6519	×	0.012
	C6031	×	○
HiFi	VR6502	×	×
	R6503,R6504	○	×
MOD B(SW5V)	L6003	○	○
CONV CTL	L6050	○	○
CONV SW	R6054	○	○
	C6005-C6008, C6012-C6014, C6020-C6022, C6052,C6053, Q6501,Q6502, Q6531-Q6533, CF6031,CF6531, B6531-B6533, R6531-R6538, C6531-C6535	×	×
PAL	B6032,B6051, L6002, R6051,R6052, C6027,C6028	×	×

DIFFERENCE TABLE (EUPORE,ASIA - PAL/MS)

		EU/EK		FRANCE MS		ASIA 3SYSTEM		ASIA 4SYSTEM
TUNER UNIT	TU6001	MATSUSHITA	ALPS	ALPS	LG	MATSUSHITA	ALPS	MATSUSHITA
		QAU0208	QAU0209	QAU0210	QAU0211	QAU0208	QAU0209	QAU0212
VIDEO BUFFER	Q6030,R6030	○	○	○	○	○	○	○
	B6030	×	×	×	×	×	×	×
VIDEO MUTE	Q6031,R6034	○	○	○	○	×	×	×
	C6033	0Ω	0Ω	0Ω	0Ω	×	×	×
	B6031	×	×	×	×	×	×	×
	B6032	○	○	○	○	×	×	×
AUDIO MUTE	Q6533	○	○	○	○	×	×	×
TU I2C	C6020	×	×	×	×	×	×	×
	C6021	×	×	×	×	×	×	×
	C6022	×	×	×	×	×	×	×
LOCK	R6023,C6023	×	×	×	×	×	×	×
	C6029	○	○	○	○	○	○	○
MONO	R6032	3.3k	3.3k	3.9k	3.9k	3.3k	3.3k	0Ω
	R6033	1.8k	1.8k	1.8k	1.8k	1.8k	1.8k	1.8k
	C6031	○	○	○	○	○	○	○
	C6519	0.047	0.047	0.047	0.047	0.047	0.047	0.047
US MPX	VR6502	×	×	×	×	×	×	×
AL5V	L6002,B6051	○	○	○	○	○	○	○
	C6012	×	×	×	×	×	×	×
	C6013	×	×	×	×	×	×	×
	C6014	○	○	○	○	○	○	○
MOD SDA/SCL	R6051,R6052	○	○	×	×	○	○	○
	R6054,L6050	×	×	×	×	×	×	×
	C6052,C6053	×	×	×	×	×	×	×
SW5V	L6003	×	×	×	×	×	×	×
	C6007	×	×	×	×	×	×	×
	C6008	×	×	×	×	×	×	×
TU(30V)	C6005	×	×	×	×	×	×	×
	C6006	×	×	×	×	×	×	×
SIF OUT	C6531-C6535, R6531-R6538, Q6531,Q6532, B6531-B6533, CF6531	×	×	×	×	×	×	×
CENELEC S2	C6027	×	×	○	×	×	×	×
	C6028	×	×	×	×	×	×	×

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

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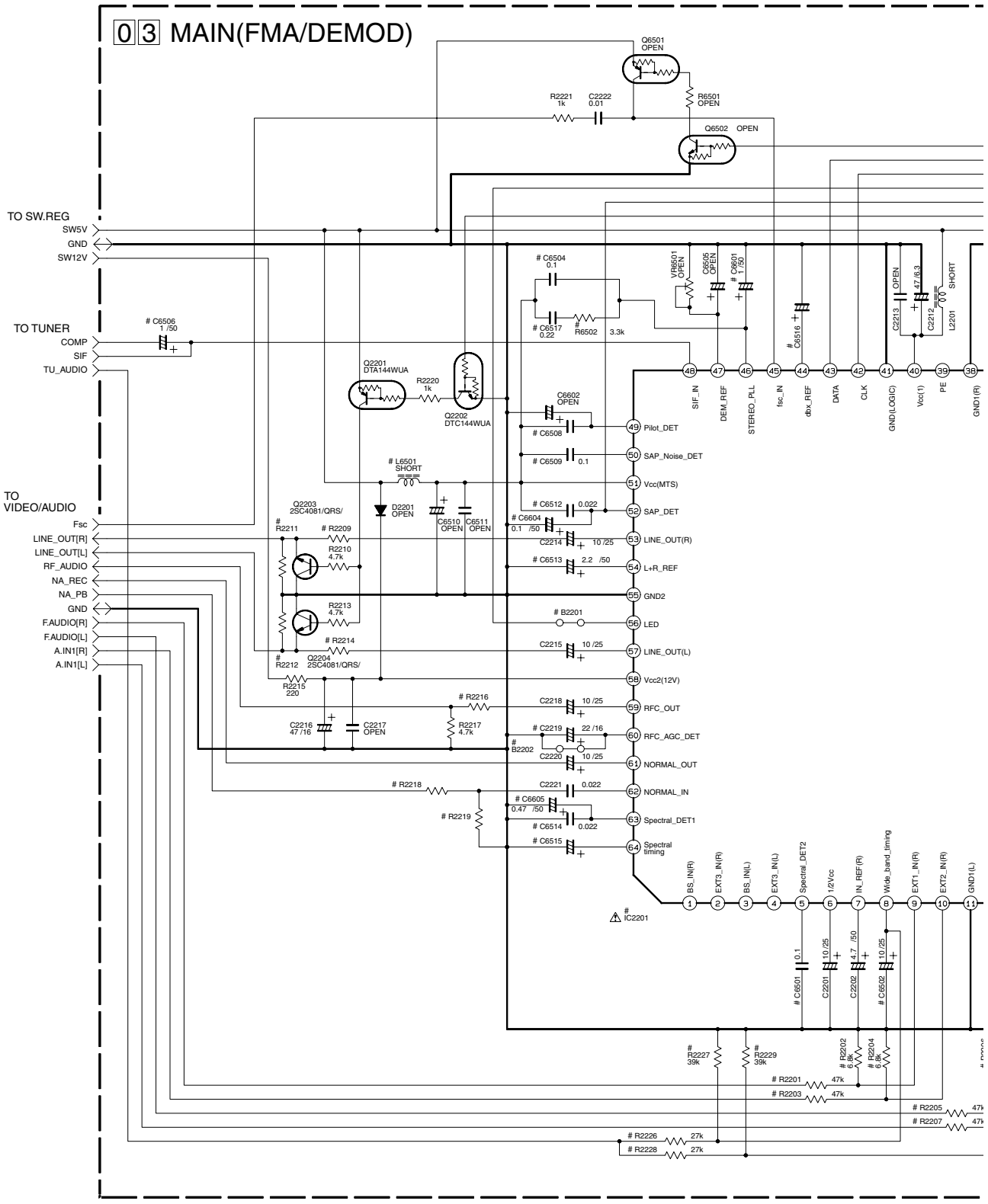
4.7 MAIN (FMA/DEMOD) SCHEMATIC DIAGRAM



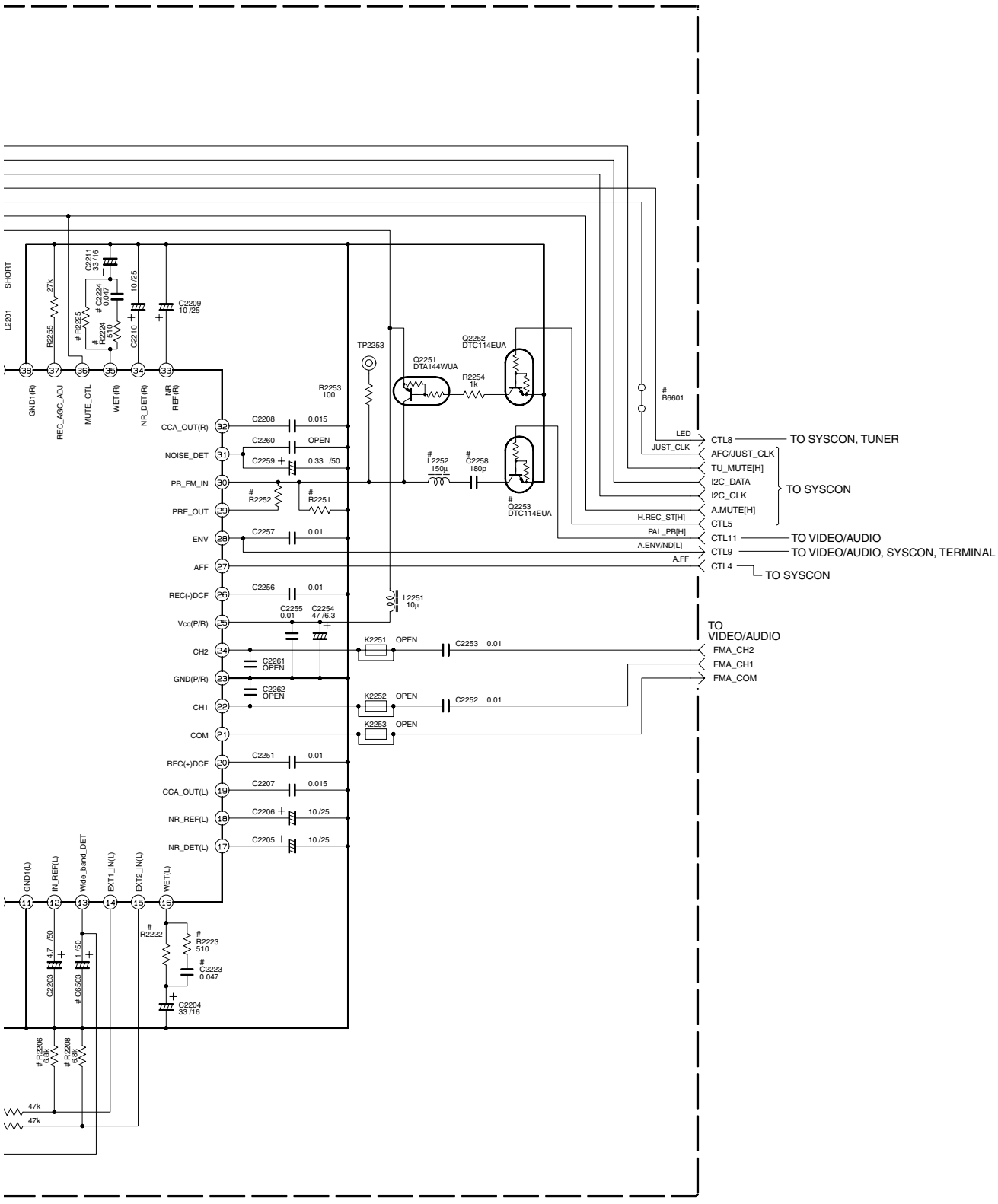
#DIFFERENCE TABLE (FMA)

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

#DIFFERENCE TABLE (FMA/DEMOD) ○ : Used × : Not used

SYMBOL	R6502 C6502– C6504 C6509 C6512– C6514 C6517	B6601 C6601 C6604 C6605	C6508	C6515	C6516	C6501	C6506 L6501	IC2201	R2226– R2229 R2223 R2224 C2223 C2224 B2202	R2222 R2225	B2201 C2219	R2216	R2218	R2219	R2209 R2214	R2211 R2212	R2251	R2252	Q2253 L2252 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	○

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.



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

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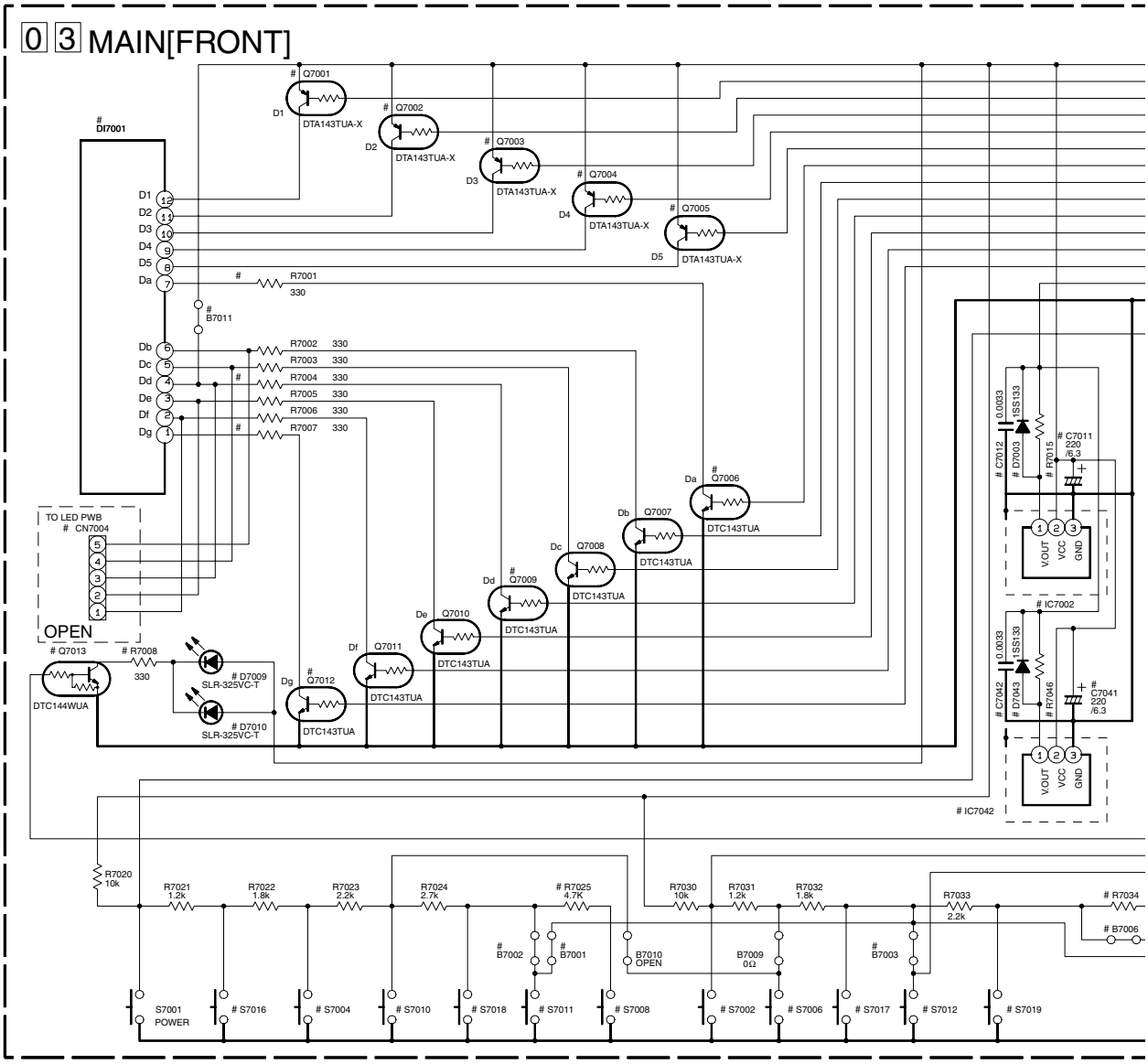
p20199001a_rev0

4.8 MAIN (FRONT) SCHEMATIC DIAGRAM



○ : Used
× : 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 S7022 S7023	S7024- S7027	SW on UNIT	J/S	DISP	R7025	R7034
JVC	400EA	D15 U/UC, D15P U/UC, D1EN	POWER	REC LINK	CH -	CH +	PLAY	E.PROG.	REC	——	PAUSE	——	STOP/ EJECT	DISPLAY	——	——	——	——	——	Adv	Adv	7seg	○	2.7kΩ
	400E	D13 UM/M	POWER	C.RESET	CH -	CH +	REVIEW	SP/EP	REC	——	PAUSE	——	STOP/ EJECT	DISPLAY	——	——	——	○	——	——	×	7seg	○	0Ω
	360H	C0 U/UC,C0P UM,C1 U/UM/M/EN D0 U/UC,D1 M/UM,D1M U/UC A1 A/EM/EA/EE/(A/EA) A11 A,A2 EM C1 A/S/EA/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
		A1(VR120/55),D1(VR602/55)	——	POWER	FF/ CH +	CH	STOP/ EJECT	——	——	——	——	——	——	——	REC	REW/ CH -	PLAY	——	——	——	×	4dig	○	2.7kΩ
	01B	A1 /55,C1 /50/55/61,D1 /55	POWER	PAUSE	MENU	OK	REC	CH -	CH +	——	——	——	——	VCR/TV	——	——	——	——	○	——	×	7seg	○	0Ω
	00A		POWER	PAUSE	MENU	OK	REC	CH -	CH +	——	——	——	——	VCR/TV	——	——	——	——	○	——	×		○	0Ω
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	×	×	×

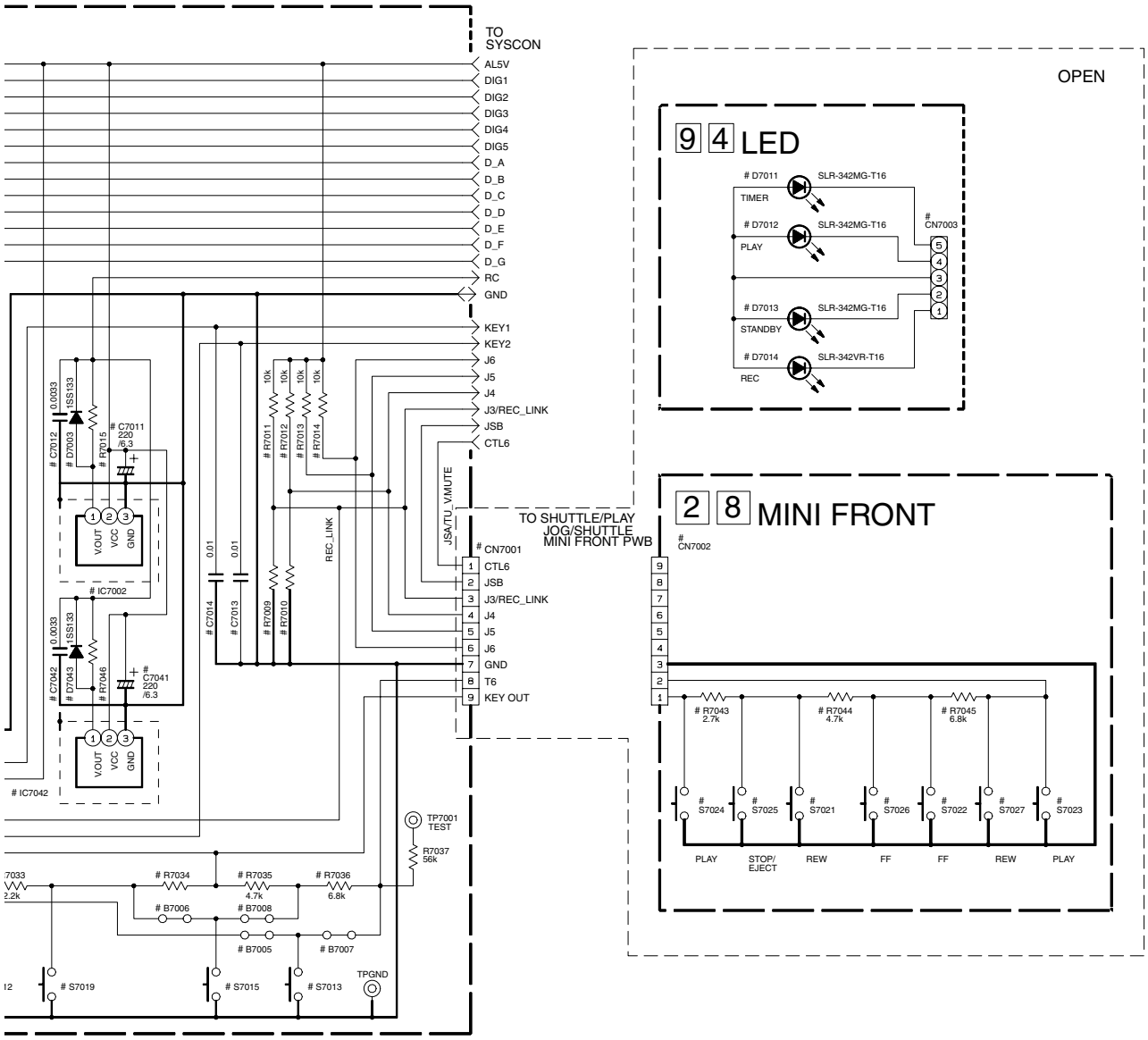
##DIFFERENCE TABLE 3

DISPLAY TYPE	DI7001	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.



24-27	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	×	○	○	×	×	×	×	×	×
○	——	×		○	0Ω	×	○	○	×	×	×	×	×	×
○	——	×	7seg	×	2.7kΩ	○	×	×	×	×	×	×	×	×
○	——	×	7seg	×	2.7kΩ	○	×	×	×	×	×	×	×	×

##DIFFERENCE TABLE 4

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	×	×	×

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

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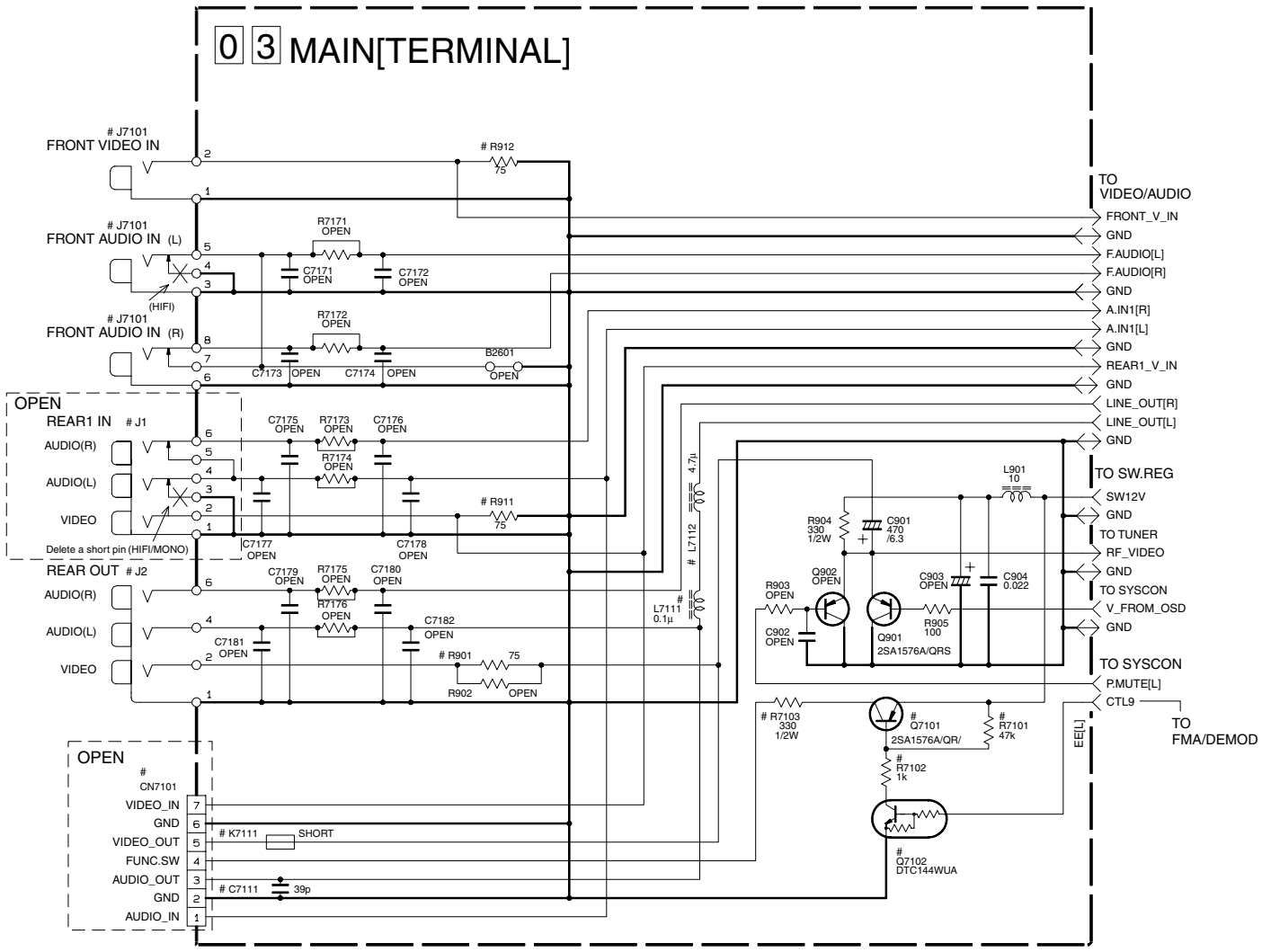
4.9 MAIN (TERMINAL) SCHEMATIC DIAGRAM

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 × : 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	×	3P	×	○	○	×
	REAR	3P	×	○	×	○	×
	FRONT/REAR	3P	3P	○	○	○	×
MONO	FRONT	×	2P	×	○	○	×
	REAR	2P	×	○	×	○	×
	FRONT/REAR	2P	2P	○	○	○	×
	PERI CONNECTOR	×	×	×	×	×	○

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

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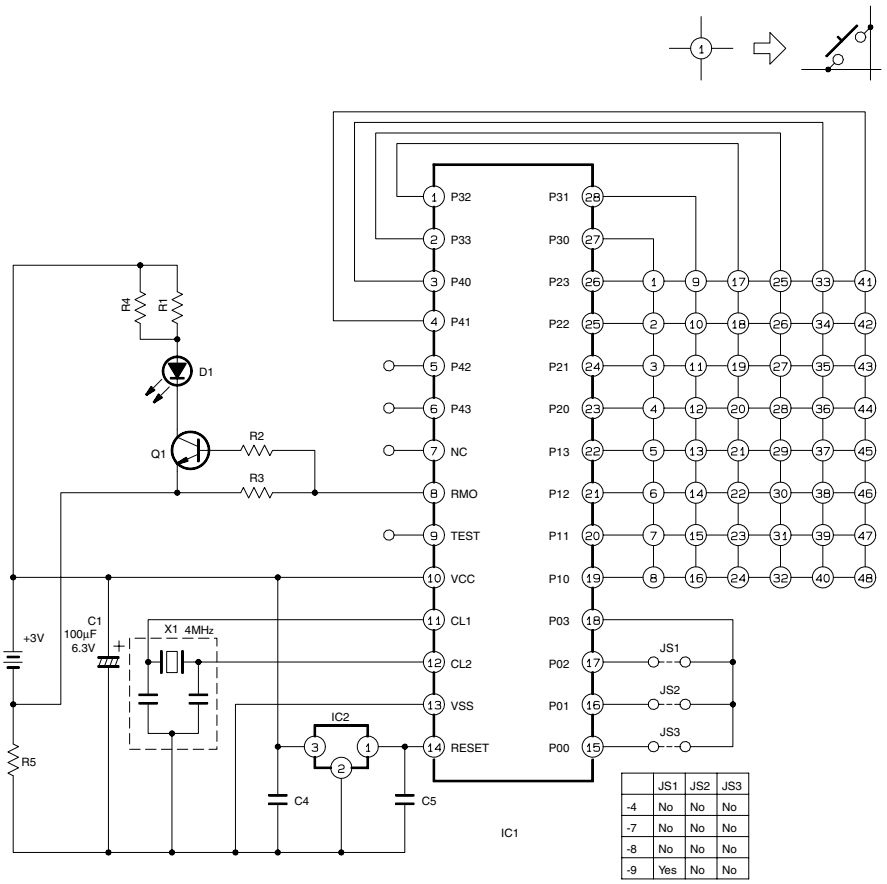
CERAMIC
MYLER
NON POLAR

p40036001a_rev2

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.

REMOTE CONTROLLER



	JS1	JS2	JS3
-4	No	No	No
-7	No	No	No
-8	No	No	No
-9	Yes	No	No

Key No.	Key Name
1	START+
2	1
3	4
4	STOP+
5	DATE+
6	PROG(CH)+
7	3
8	6
9	CANCEL
10	2
11	7
12	0
13	8
14	TIMER
15	5
16	9
17	PROG
18	Not used
19	Not used
20	PROG CHECK
21	-/--
22	SKIP
23	OPERATE
24	Not used
25	START-
26	TV/VCR
27	RE-VIEW
28	STOP-
29	DATE-
30	PROG(CH)-
31	DISPLAY
32	AUDIO/MUTE
33	MENU
34	REC
35	REW
36	PLAY
37	STOP
38	FF
39	PAUSE
40	OK/ENTER
41	<</TV VOL-
42	Not used
43	Not used
44	Not used
45	UP/TV PROG+
46	DOWN/TV PROG-
47	Not used
48	>>/TV VOL+
34+36	REC+PLAY
34+39	REC+PAUSE

LP20878-008B