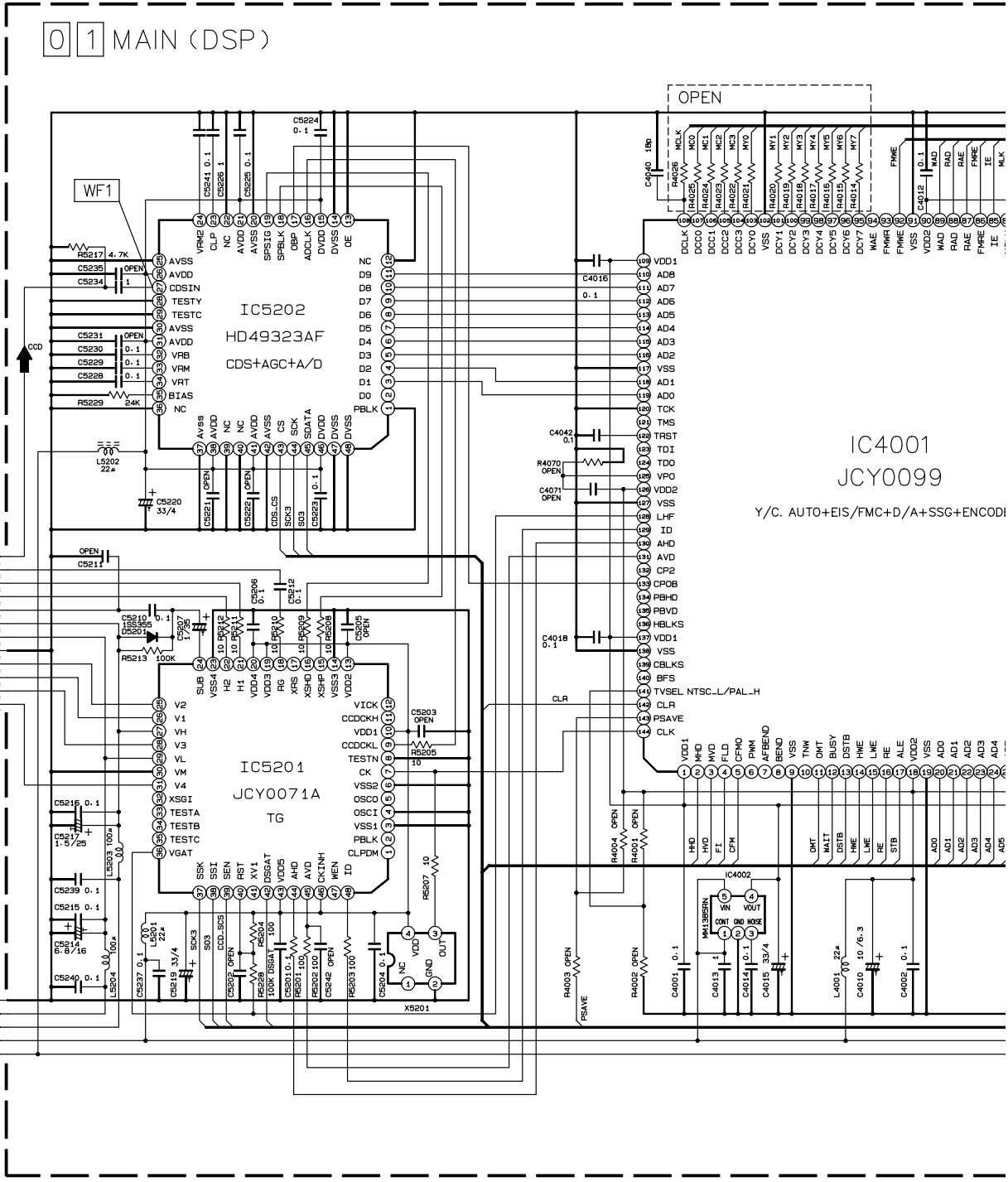


# SECTION 4 CHARTS AND DIAGRAMS

## 4.1 DSP SCHEMATIC DIAGRAM

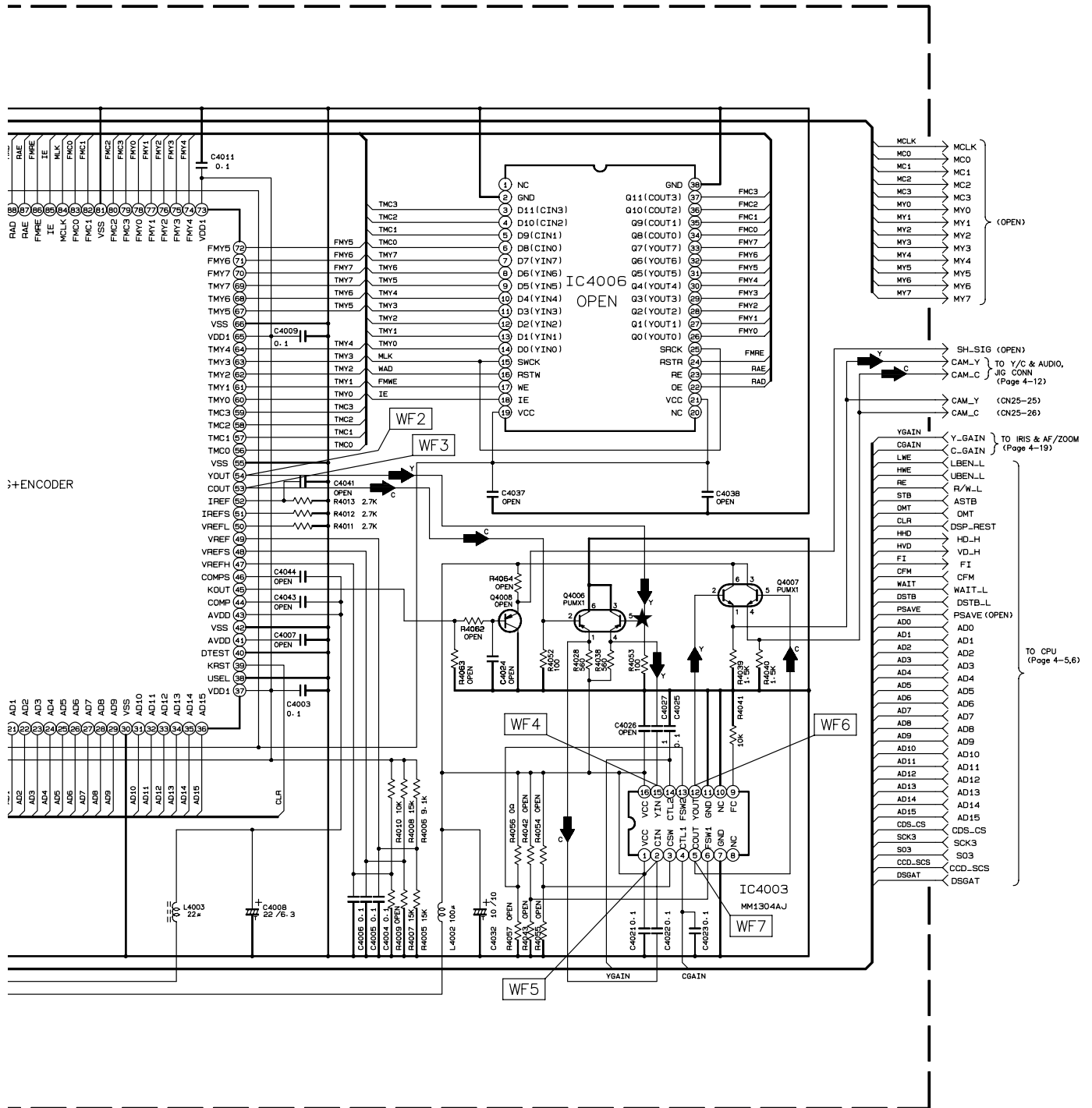
5  
4  
3  
2  
1



NOTE: For DSP waveforms, please refer to MANUAL No.86547 page 4-55.

A B C D

Note: The mark ★ means modified points.



E

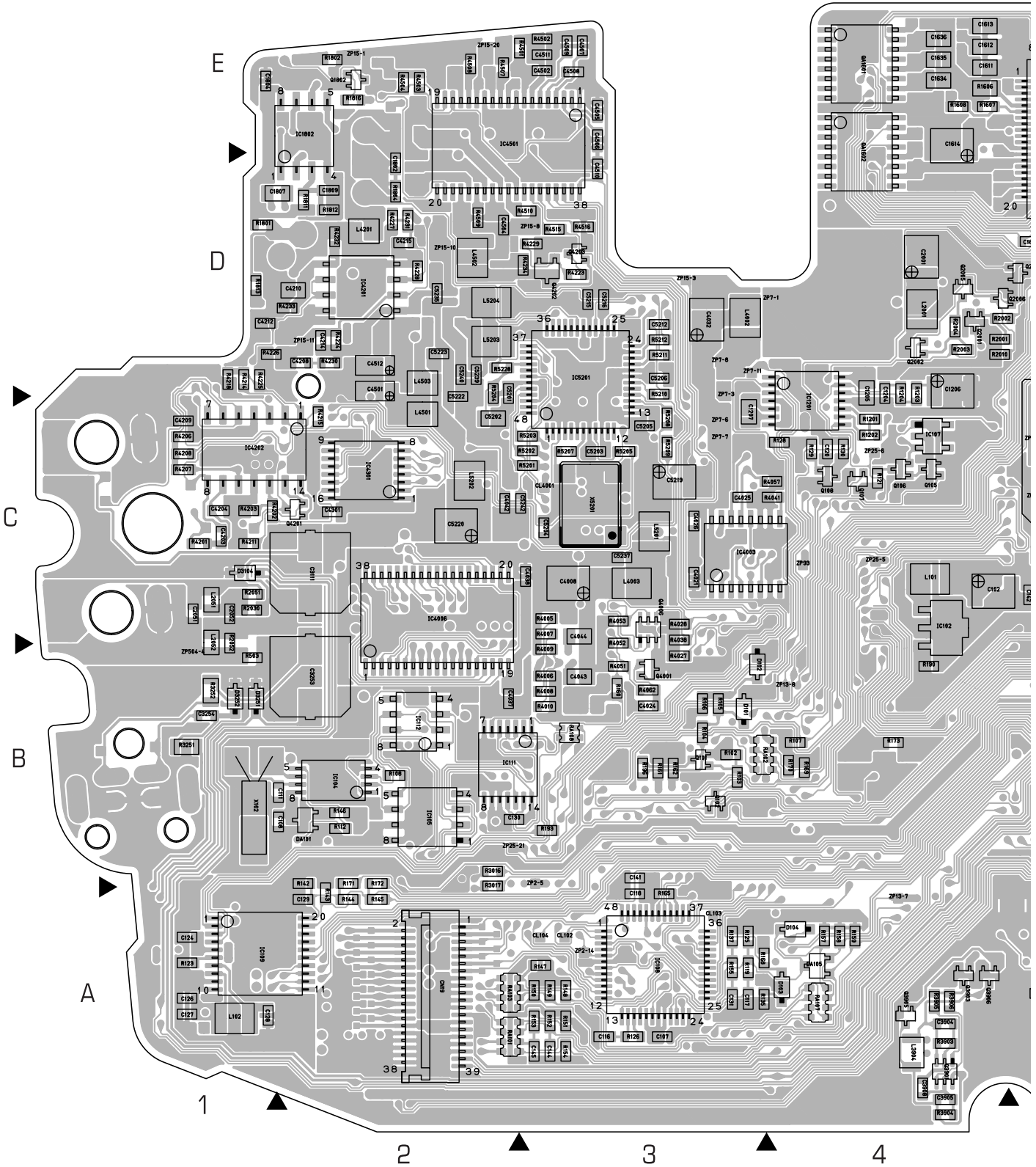
F

G

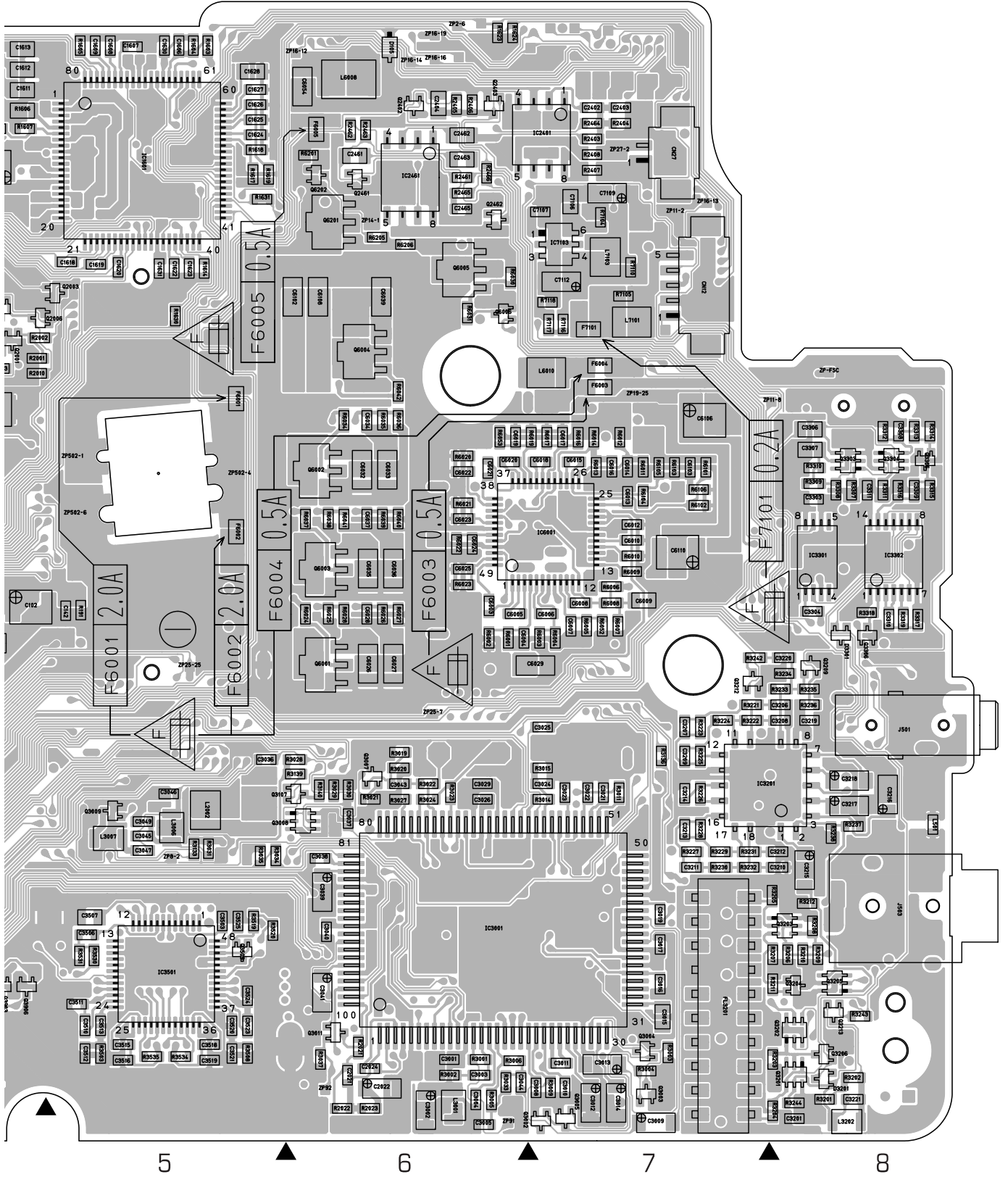
H

## 4.2 MAIN CIRCUIT BOARD

### FOIL SIDE (B)



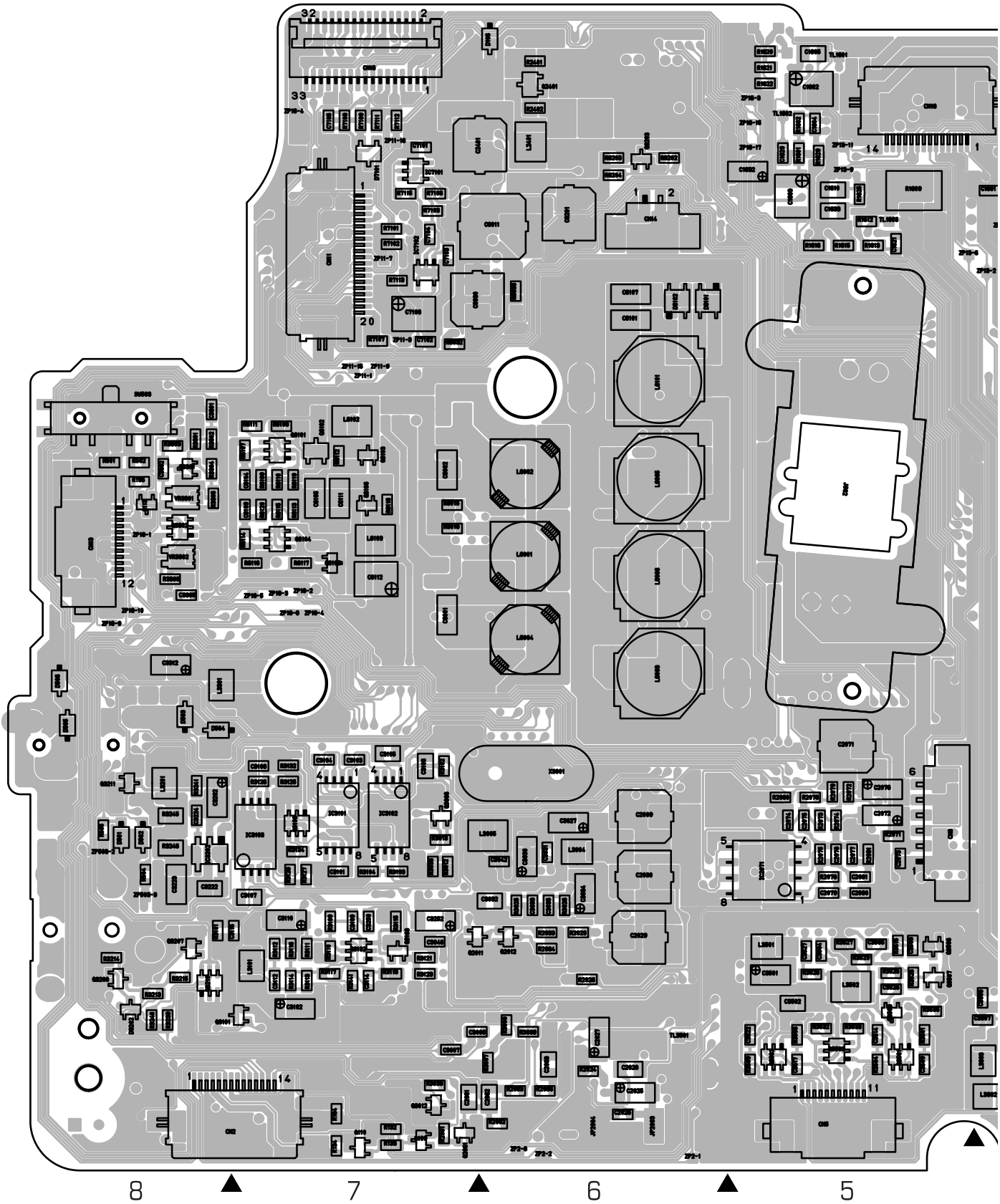
01 MAIN PWB  
YB10293





REF.No.	LOCATION	REF.No.	LOCATION	REF.No.	LOCATION	REF.No.	LOCATION	REF.No.	LOCATION	REF.No.	LOCATION
R104	B	R1621	A	R3104	A	R3535	B	R6012	B	ZP2-5	B
R105	B	R1622	A	R3109	A	R3536	A	R6013	B	ZP2-6	B
R106	B	R1623	B	R3110	A	R3901	A	R6014	B	ZP2-7	A
R107	B	R1624	B	R3111	A	R3902	A	R6015	B	ZP2-8	A
R108	B	R1625	A	R3112	A	R3903	A	R6016	B	ZP2-9	A
R109	B	R1626	A	R3113	A	R3904	B	R6017	B	ZP4-1	A
R110	A	R1627	A	R3114	A	R3905	B	R6018	B	ZP4-2	A
R111	A	R1628	A	R3115	A	R3906	B	R6019	B	ZP7-1	A
R112	A	R1629	A	R3116	A	R4001	A	R6020	B	ZP7-2	A
R113	A	R1630	B	R3117	A	R4002	A	R6021	B	ZP7-3	A
R114	A	R1631	B	R3118	A	R4005	B	R6022	B	ZP7-4	A
R115	A	R1801	B	R3119	A	R4006	B	R6023	B	ZP7-5	A
R116	A	R1802	B	R3120	A	R4007	B	R6024	B	ZP7-6	A
R117	A	R1804	B	R3121	A	R4008	B	R6025	B	ZP7-7	A
R118	A	R1805	A	R3122	A	R4009	B	R6026	B	ZP9-1	A
R119	A	R1806	A	R3123	A	R4010	B	R6027	B	ZP92	A
R120	A	R1807	A	R3125	A	R4011	B	R6028	B	ZP93	A
R121	A	R1808	A	R3126	A	R4012	A	R6030	B	ZP11-1	A
R122	A	R1809	A	R3127	A	R4013	A	R6031	A	ZP11-2	A
R123	A	R1810	A	R3128	A	R4014	A	R6032	A	ZP11-3	A
R124	A	R1811	B	R3129	A	R4015	A	R6033	A	ZP11-7	A
R125	A	R1812	B	R3130	A	R4016	A	R6034	A	ZP11-8	A
R126	B	R1813	B	R3132	A	R4017	A	R6035	B	ZP11-9	A
R127	B	R1814	A	R3133	A	R4018	A	R6036	B	ZP12-1	A
R128	B	R1816	B	R3134	A	R4019	A	R6037	B	ZP12-5	A
R129	B	R2001	B	R3136	A	R4020	A	R6038	B	ZP13-2	A
R130	B	R2002	B	R3137	A	R4021	A	R6039	B	ZP13-4	A
R131	A	R2003	B	R3138	A	R4022	A	R6040	B	ZP13-5	A
R132	A	R2004	B	R3139	A	R4023	A	R6041	B	ZP13-6	A
R133	A	R2007	A	R3140	B	R4024	A	R6042	B	ZP13-7	A
R134	A	R2008	A	R3141	A	R4025	A	R6052	B	ZP13-8	A
R135	B	R2009	A	R3142	A	R4026	A	R6053	B	ZP13-9	A
R136	B	R2010	B	R3201	A	R4027	B	R6101	B	ZP14-1	A
R137	B	R2011	A	R3202	B	R4028	B	R6102	B	ZP15-1	A
R138	A	R2012	A	R3203	B	R4038	A	R6103	B	ZP15-2	A
R139	A	R2016	A	R3204	B	R4039	A	R6104	B	ZP15-3	A
R140	A	R2021	B	R3205	B	R4040	A	R6105	B	ZP15-4	A
R142	B	R2022	B	R3206	B	R4041	A	R6106	B	ZP15-5	A
R143	B	R2023	B	R3207	B	R4042	A	R6107	A	ZP15-6	A
R144	B	R2024	A	R3208	B	R4043	A	R6108	A	ZP15-7	A
R145	B	R2026	A	R3209	B	R4051	A	R6109	A	ZP15-8	A
R146	B	R2029	A	R3210	B	R4052	A	R6110	A	ZP15-9	A
R147	B	R2030	B	R3211	B	R4053	A	R6111	A	ZP16-3	A
R148	B	R2033	A	R3212	B	R4054	A	R6112	A	ZP16-4	A
R149	B	R2034	A	R3213	A	R4055	A	R6113	A	ZP16-9	A
R150	B	R2051	B	R3214	A	R4056	A	R6114	A	ZP18-1	A
R151	B	R2052	A	R3215	A	R4057	B	R6115	A	ZP18-2	A
R152	B	R2061	A	R3221	B	R4062	B	R6116	A	ZP18-3	A
R153	B	R2062	A	R3222	B	R4070	B	R6117	A	ZP18-4	A
R154	B	R2063	A	R3223	B	R4201	A	R6118	A	ZP18-5	A
R155	B	R2066	A	R3224	B	R4202	B	R6119	A	ZP18-8	A
R156	A	R2071	A	R3225	B	R4206	B	R6120	A	ZP18-9	A
R157	B	R2072	A	R3226	B	R4207	B	R6201	B	ZP2-10	A
R158	B	R2073	A	R3227	B	R4208	B	R6202	A	ZP2-11	A
R159	B	R2074	A	R3228	B	R4209	A	R6203	A	ZP2-12	A
R160	B	R2075	A	R3229	B	R4210	A	R6204	A	ZP2-14	A
R161	B	R2076	A	R3230	B	R4211	A	R6205	B	ZP25-5	A
R162	B	R2078	A	R3231	B	R4212	B	R6206	B	ZP25-6	A
R163	A	R2079	A	R3232	B	R4215	B	R7101	A	ZP25-7	A
R165	B	R2080	A	R3233	B	R4216	B	R7102	A	ZP26-2	A
R166	A	R2081	A	R3234	B	R4217	A	R7103	A	ZP27-1	A
R167	A	R2401	A	R3235	B	R4218	A	R7104	B	ZP27-2	A
R168	B	R2402	A	R3236	B	R4219	A	R7105	B	ZP7-11	A
R169	B	R2403	B	R3237	B	R4223	B	R7106	A	ZP11-15	A
R170	B	R2404	B	R3238	B	R4224	B	R7107	A	ZP11-16	A
R171	B	R2405	B	R3239	A	R4225	B	R7108	A	ZP13-11	A
R172	B	R2406	B	R3240	A	R4226	B	R7109	A	ZP15-10	A
R173	B	R2407	B	R3241	A	R4227	B	R7110	B	ZP15-11	A
R174	A	R2408	B	R3242	B	R4228	B	R7111	A	ZP15-12	A
R178	A	R2461	B	R3243	B	R4229	B	R7112	A	ZP15-15	A
R180	A	R2462	B	R3244	A	R4230	B	R7113	A	ZP15-16	A
R181	A	R2463	B	R3245	A	R4231	B	R7115	A	ZP15-17	A
R184	A	R2464	B	R3246	A	R4232	B	R7116	B	ZP15-18	A
R185	A	R2465	B	R3251	B	R4233	B	R7117	B	ZP15-19	A
R186	A	R2466	B	R3252	B	R4501	B	R7118	B	ZP15-20	A
R187	A	R3001	B	R3301	A	R4502	B	RA101	B	ZP15-21	A
R188	A	R3002	B	R3302	A	R4503	B	RA102	B	ZP15-22	A
R189	A	R3003	B	R3303	A	R4504	B	RA103	B	ZP16-11	A
R190	B	R3004	B	R3304	A	R4507	B	RA105	A	ZP16-12	A
R191	B	R3005	B	R3305	A	R4508	B	RA107	B	ZP16-13	A
R192	A	R3006	B	R3306	A	R4509	B	RA108	B	ZP16-14	A
R193	B	R3007	A	R3307	B	R4510	B	VR3301	A	ZP16-15	A
R194	A	R3008	A	R3308	B	R4512	A	VR3302	A	ZP16-16	A
R195	A	R3009	B	R3309	B	R4513	A			ZP16-17	A
R196	B	R3011	A	R3310	B	R4515	A			ZP16-18	A
R501	A	R3012	A	R3311	B	R4516	B			ZP16-19	A
R502	A	R3013	A	R3312	B	R5201	B	CL102	B	ZP16-22	A
R503	B	R3014	B	R3313	B	R5202	B	CL103	B	ZP16-24	A
R504	A	R3015	B	R3314	B	R5203	B	CL104	B	ZP16-25	A
R505	A	R3016	B	R3315	B	R5204	B	CL4001	B	ZP16-26	A
R1201	B	R3017	B	R3316	B	R5205	B	CL4002	A	ZP16-27	A
R1202	B	R3019	B	R3317	B	R5207	B	FL3201	B	ZP16-28	A
R1203	B	R3020	B	R3318	B	R5208	B	J501	A	ZP16-29	A
R1204	B	R3021	B	R3319	B	R5209	B	J502	A	ZP16-31	A
R1601	A	R3022	B	R3320	A	R5210	B	J503	A	ZP16-33	A
R1602	A	R3023	B	R3501	A	R5211	B	J504	A	ZP18-10	A
R1603	B	R3024	B	R3503	B	R5212	B	J505	A	ZP19-25	A
R1604	B	R3025	A	R3504	A	R5213	B	JP2001	A	ZP25-20	A
R1605	B	R3026	A	R3506	A	R5214	B	JP2002	A	ZP25-21	A
R1606	B	R3027	B	R3508	B	R5217	B	JP2003	A	ZP25-25	A
R1607	B	R3028	B	R3509	A	R5229	B	JP2004	A	ZP502-1	A
R1608	B	R3029	B	R3515	A	R6001	B	SW503	A	ZP502-4	A
R1609	A	R3030	B	R3519	B	R6002	B	T2001	A	ZP502-6	A
R1610	A	R3031	B	R3520	B	R6003	B	TL1601	A	ZP503-2	A
R1611	A	R3033	B	R3525	A	R6004	B	TL1602	A	ZP503-3	A
R1612	A	R3034	B	R3526	A	R6005	B	TL1603	A	ZP504-1	A
R1613	A	R3035	B	R3527	A	R6006	B	TL3501	A	ZP504-3	A
R1614	B	R3036	B	R3528	A	R6007	B	X101	A	ZP504-4	A
R1615	A	R3037	B	R3529	A	R6008	B	X102	B	ZP505-3	A
R1616	A	R3038	A	R3530	B	R6009	B	X3001	A	ZP505-4	A
R1617	B	R3039	A	R3531	A	R6010	B	X5201	B	ZP-FSC	B
R1618	B	R3101	A	R3532	A	R6011	B	ZP2-1	A		
R1619	B	R3102	A	R3533	A			ZP2-2	A		
R1620	A	R3103	A	R3534	B			ZP2-3	A		
								ZP2-4	A		

# COMPONENT SIDE (A)



01 MAIN PWB  
YB10293

