


MAIN C.B.A. VEPS6069HA (C)

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN  HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

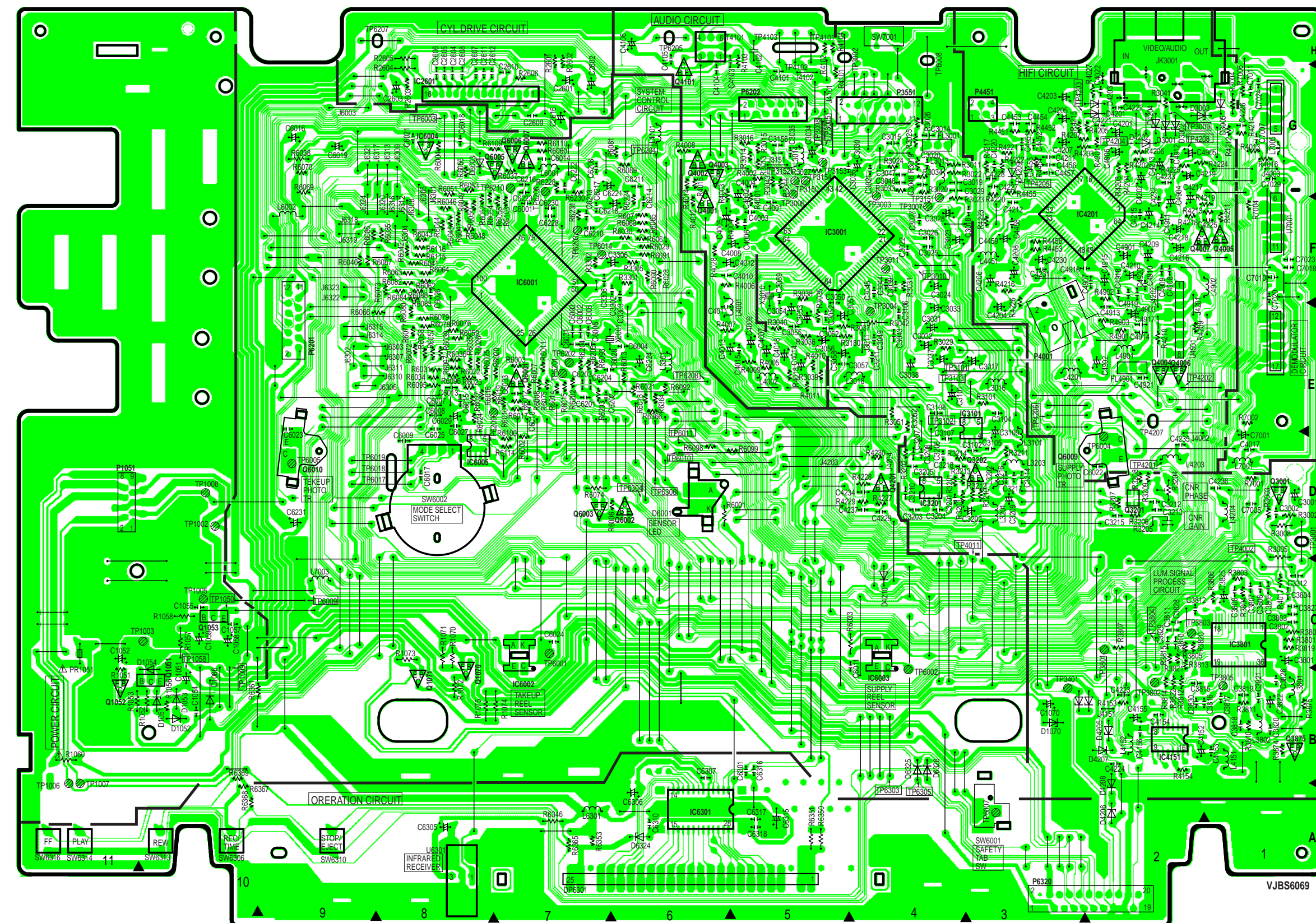
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
CIRCUIT BOARD LAYOUT SHOWS COMPONENTS INSTALLED FOR VARIOUS MODELS.
FOR PROPER PARTS CONTENT FOR THE MODEL YOU ARE SERVICING,
PLEASE REFER TO THE SCHEMATIC DIAGRAM AND PARTS LIST.

NOTE:
CIRCUIT BOARD LAYOUT INCLUDES COMPONENTS WHICH ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
NV-SJ4020PX	A
NV-FJ4520PX	B
NV-FJ4620PX	C



NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

MAIN	
TARNSISTOR	
Q1051	B-10
Q1052	B-11
Q1053	C-10
Q1070	B-8
Q1071	B-8
Q3001	D-1
Q3201	D-2
Q3202	D-3
Q3875	B-1
Q4001	F-6
Q4002	G-6
Q4003	G-6
Q4004	E-2
Q4005	F-1
Q4006	E-2
Q4007	F-2
Q4101	G-6
Q4201	D-4
Q6001	E-7
Q6002	D-6
Q6003	D-7
Q6005	G-8
Q6006	G-7
Q6007	G-7
Q6009	D-3
Q6010	D-9

MAIN		
IC		
IC2601	G-8	
IC3001	F-5	
IC3101	E-4	
IC3201	D-4	
IC3801	C-1	
IC4151	B-2	
IC4201	F-3	
IC6001	F-7	
IC6002	B-7	
IC6003	B-4	
IC6004	G-8	
IC6005	D-8	
IC6301	A-6	
CONNECTOR		
P1051	D-11	
P3551	G-4	
P4001	E-3	
P4451	G-3	
P6201	E-9	
P6202	G-5	
P6320	A-3	

MIAN	
TEST POINT	
TP1002	D-10
TP1003	C-11
TP1005	C-10
TP1006	A-11
TP1007	A-11
TP1008	D-10
TP1009	B-10
TP1050	C-10
TP1058	C-10
TP3001	D-1
TP3002	G-4
TP3003	F-4
TP3004	E-4
TP3005	G-5
TP3006	F-5
TP3007	F-4
TP3008	G-5
TP3009	G-2
TP3010	F-4
TP3011	F-4
TP3101	E-4
TP3102	E-4
TP3103	E-4
TP3150	G-5
TP3151	F-4
TP3152	G-5
TP3153	G-5
TP3154	G-5
TP3401	B-3
TP3801	B-2
TP3802	B-2
TP3803	C-2
TP3804	C-2
TP3805	B-1
TP4002	D-1
TP4011	D-4
TP4101	H-5
TP4102	H-5

MAIN	
TEST POINT	
TP4103	H-5
TP4201	D-2
TP4202	E-2
TP4203	G-3
TP4204	G-2
TP4205	G-3
TP4206	E-3
TP4207	D-2
TP4208	G-2
TP6001	C-7
TP6002	B-4
TP6003	G-8
TP6004	D-2
TP6005	D-9
TP6007	A-3
TP6008	G-4
TP6009	C-9
TP6010	D-6
TP6011	D-6
TP6014	F-7
TP6017	D-9
TP6018	D-9
TP6019	D-9
TP6201	E-7
TP6202	E-7
TP6203	F-7
TP6204	G-6
TP6205	H-6
TP6206	F-7
TP6207	H-9
TP6208	E-6
TP6209	D-8
TP6210	G-8
TP6303	A-4
TP6304	D-6
TP6305	A-4
TP6306	D-6

LEADLESS COMPONENT PARTS LOCATION GUIDE

MAIN C.B.A.

C1051	B-10	C3045	F-4	C3803	C-1	C4155	B-2	C4903	E-2	C6203	E-7	D4205	B-2	R1074	B-7	R3207	D-2	R4101	G-5	R6007	E-7	R6059	E-8	R6224	F-6
C1052	C-11	C3046	G-4	C3804	C-1	C4156	B-2	C4904	F-2	C6204	E-7	D4206	A-2	R1075	B-8	R3208	D-2	R4102	G-5	R6008	E-7	R6060	G-7	R6228	G-7
C1054	B-10	C3047	G-4	C3805	C-1	C4201	G-2	C4905	G-2	C6208	G-7	D4207	B-2	R2601	G-7	R3209	D-2	R4103	G-5	R6010	E-7	R6061	F-6	R6230	F-7
C1055	C-10	C3048	G-4	C3806	C-1	C4202	F-2	C4906	G-2	C6210	F-7	D4208	A-2	R2602	G-7	R3210	D-3	R4104	H-5	R6011	E-7	R6062	F-8	R6231	F-7
C1057	C-10	C3049	E-4	C3807	C-1	C4203	G-3	C4907	F-3	C6211	G-6	D4209	G-3	R2603	G-8	R3211	D-3	R4153	B-2	R6012	E-7	R6063	F-8	R6346	A-7
C1058	C-10	C3050	F-5	C3808	C-1	C4204	E-3	C4908	F-2	C6213	F-7	D4210	C-4	R2604	G-8	R3212	D-3	R4154	B-2	R6013	E-6	R6064	F-8	R6350	A-5
C1059	C-10	C3051	E-5	C3810	C-2	C4205	G-3	C4909	F-2	C6214	F-6	D6001	D-6	R2605	H-8	R3213	D-4	R4201	G-2	R6014	E-7	R6065	F-6	R6351	A-5
C1070	B-3	C3052	E-5	C3811	C-2	C4206	F-3	C4910	F-2	C6216	G-7	D6003	G-8	R2606	G-7	R3214	D-4	R4202	G-2	R6015	E-7	R6066	E-9	R6353	A-7
C2601	G-7	C3053	E-5	C3812	C-2	C4207	G-3	C4911	F-2	C6217	F-7	D6324	A-6	R3002	D-1	R3301	F-6	R4203	G-3	R6016	E-8	R6068	F-6	R6361	B-10
C2602	G-7	C3054	E-5	C3815	B-2	C4208	F-3	C4912	G-2	C6218	F-7	D6325	B-4	R3003	D-1	R3302	F-7	R4204	G-2	R6017	E-7	R6069	G-9	R6364	E-6
C2603	G-8	C3055	E-5	C3816	B-1	C4209	F-2	C4913	E-2	C6221	G-7	D6326	B-4	R3004	G-1	R3305	F-6	R4205	G-2	R6018	E-6	R6070	G-9	R6365	A-7
C2604	H-8	C3056	E-5	C3817	B-1	C4210	F-2	C4914	E-2	C6222	G-7	L3013	G-5	R3005	D-1	R3801	C-1	R4206	G-2	R6019	E-7	R6071	F-6	R6366	E-6
C2605	H-8	C3057	E-4	C3818	B-1	C4211	G-3	C4915	F-2	C6223	F-7	L3014	G-5	R3008	D-1	R3802	C-1	R4207	G-3	R6020	E-7	R6072	E-8	R6367	A-10
C2606	H-8	C3058	E-5	C3819	B-1	C4212	F-3	C4916	F-3	C6224	E-6	L3016	E-3	R3011	G-4	R3803	C-1	R4208	G-2	R6021	E-6	R6073	F-8	R6368	A-10
C2607	H-8	C3059	F-5	C3820	B-1	C4213	G-2	C4917	E-2	C6228	F-7	L3018	E-5	R3013	G-5	R3804	C-1	R4209	E-2	R6022	E-8	R6074	D-7	R6369	B-10
C2608	H-8	C3062	E-5	C3821	B-1	C4214	F-2	C4918	F-2	C6230	F-7	L3101	D-3	R3014	G-5	R3805	C-2	R4210	E-2	R6023	E-8	R6075	E-7	R7001	D-1
C2609	G-7	C3101	E-4	C3822	B-1	C4215	F-2	C4919	F-2	C6231	D-9	L3201	D-3	R3015	G-5	R3806	C-1	R4211	F-1	R6024	E-8	R6076	E-8	R7002	E-1
C2610	G-7	C3102	D-4	C3825	C-1	C4216	F-2	C4920	F-2	C6301	B-5	L3202	D-3	R3016	G-5	R3807	C-2	R4212	G-1	R6025	E-8	R6077	E-8	R7004	F-1
C2611	H-8	C3104	E-3	C3826	B-1	C4217	G-2	C4921	E-2	C6305	A-8	L3203	D-3	R3019	G-4	R3810	B-1	R4213	F-2	R6026	E-8	R6078	E-8		
C2612	H-8	C3105	D-3	C3827	C-1	C4218	F-2	C6001	F-1	C6306	A-6	L3301	E-6	R3020	G-4	R3811	B-1	R4214	G-1	R6027	E-8	R6079	E-8		
C2616	G-7	C3106	E-4	C3828	C-2	C4219	G-2	C6002	E-7	C6307	B-6	L3801	B-1	R3022	G-4	R3812	B-2	R4215	G-3	R6028	F-6	R6080	E-8		
C3001	D-1	C3107	D-4	C3829	C-2	C4220	G-3	C6003	E-7	C6310	A-6	L3802	B-1	R3023	F-3	R3813	C-2	R4216	F-3	R6029	F-6	R6081	G-7		
C3002	D-1	C3108	E-4	C3830	B-2	C4221	G-2	C6004	E-6	C6315	A-5	L4001	E-5	R3024	G-4	R3814	B-2	R4217	G-3	R6030	F-6	R6082	F-8		
C3014	G-4	C3109	D-3	C4001	F-5	C4222	G-2	C6005	E-7	C6316	B-5	L4002	E-5	R3025	G-4	R3815	C-2	R4218	F-2	R6031	E-8	R6083	F-8		
C3015	G-4	C3156	G-5	C4002	F-5	C4223	B-2	C6006	E-7	C6317	A-5	L4101	G-6	R3026	G-4	R3819	C-1	R4219	F-2	R6033	C-5	R6084	F-8		
C3017	E-3	C3201	D-4	C4003	F-5	C4224	B-2	C6007	E-8	C6318	A-5	L4151	B-1	R3027	G-5	R3820	C-2	R4220	F-3	R6034	E-8	R6085	F-8		
C3018	F-3	C3202	D-4	C4004	G-5	C4225	F-2	C6008	E-8	C7001	D-1	L4152	B-2	R3029	E-4	R3821	B-2	R4221	G-3	R6035	E-8	R6086	F-9		
C3019	G-3	C3203	D-4	C4005	F-6	C4226	G-1	C6009	D-8	C7005	D-1	L4201	E-3	R3031	F-4	R3822	B-2	R4222	G-3	R6036	E-8	R6087	F-8		
C3020	G-4	C3204	D-4	C4006	F-5	C4227	G-3	C6010	E-7	C7007	G-1	L4203	D-2	R3033	G-4	R3874	B-1	R4223	F-3	R6037	G-7	R6088	G-6		
C3021	G-4	C3205	D-4	C4007	E-5	C4228	G-3	C6011	B-4	C7010	F-1	L4204	D-1	R3034	G-4	R3875	B-1	R4224	G-1	R6038	G-9	R6089	F-6		
C3022	F-4	C3206	D-4	C4008	F-6	C4229	D-4	C6013	E-8	C7011	G-1	L4451	F-3	R3035	E-5	R4001	F-5	R4225	G-2	R6039	E-8	R6090	F-6		
C3023	F-4	C3207	D-4	C4009	E-5	C4230	F-3	C6014	G-7	C7018	F-1	L4901	E-2	R3036	E-5	R4002	G-5	R4226	E-3	R6040	F-9	R6091	F-6		
C3024	F-4	C3208	D-4	C4010	F-5	C4231	F-3	C6015	E-8	C7020	E-1	L4902	F-1	R3037	E-4	R4003	F-6	R4227	D-4	R6041	F-8	R6092	E-6		
C3025	F-4	C3209	D-3	C4011	E-6	C4232	F-2	C6016	G-9	C7023	F-1	L6001	G-7	R3038	F-5	R4004	F-5	R4228	D-4	R6042	F-8	R6093	E-7		
C3026	F-4	C3210	D-4	C4012	F-5	C4233	G-2	C6017	D-8	C7024	G-1	L6002	F-9	R3039	E-5	R4005	E-5	R4229	D-5	R6043	F-8	R6095	E-8		
C3027	F-4	C3211	E-4	C4013	E-6	C4234	D-5	C6018	G-8	C7029	G-1	L6301	A-7	R3040	E-5	R4006	F-5	R4230	D-4	R6044	F-8	R6096	E-8		
C3028	F-4	C3212	D-2	C4014	E-5	C4235	D-2	C6019	G-9	D1051	B-10	L7001	D-1	R3041	G-2	R4007	E-6	R4451	G-3	R6045	F-8	R6097	E-8		
C3029	G-3	C3213	D-2	C4015	E-5	C4236	D-1	C6021	G-8	D1052	B-10	L7003	C-9	R3042	E-4	R4008	G-6	R4452	G-3	R6046	F-8	R6098	D-6		
C3030	G-4	C3214	D-3	C4017	D-1	C4237	D-5	C6022	D-2	D1053	B-10	L7005	G-1	R3043	G-5	R4009	E-5	R4453	F-3	R6047	F-8	R6099	D-5		
C3031	E-4	C3215	D-2	C4018	E-5	C4451	G-3	C6023	D-9	D1054	C-10	R1051	B-11	R3044	G-5	R4010	E-5	R4454	G-3	R6048	F-8	R6100	D-7		
C3032	E-4	C3216	D-3	C4022	G-2	C4452	G-3	C6024	C-7	D1070	B-3	R1052	B-10	R3051	E-4	R4011	E-5	R4455	G-3	R6049	F-8	R6103	F-7		
C3033	E-4	C3217	D-3	C4101	G-5	C4453	G-3	C6025	D-8	D1086	B-10	R1053	B-11	R3052	E-4	R4012	F-6	R4456	F-3	R6050	F-8	R6109	G-8		
C3034	G-5	C3218	D-4	C4102	G-5	C4454	G-3	C6026	E-8	D3001	G-2	R1056	B-10	R3101	E-3	R4013	G-1	R4901	E-2	R6051	G-8	R6110	G-7		
C3035	G-5	C3302	E-6	C4103	G-5	C4455	G-3	C6027	D-8	D3002	G-2	R1057	C-10	R3180	E-5	R4014	F-6	R4902	F-2	R6052	F-8	R6114	D-7		
C3036	G-4	C3303	E-6	C4104	G-6	C4456	G-3	C6028	E-6	D3003	G-2	R1058	C-10	R3201	D-4	R4015	G-6	R4903	E-2	R6053	G-8	R6115	F-8		
C3037	E-4	C3306	F-6	C4105	H-6	C4457	G-3	C6029	E-9	D3005	G-1	R1060	B-11	R3202	D-4	R4016	G-1	R6001	D-6	R6054	F-8	R6116	F-8		
C3038	E-4	C3308	E-7	C4106	H-6	C4458	F-3	C6031	E-7	D4201	G-2	R1070	C-8	R3203	D-4	R4017	C-1	R6002	D-7	R6055	F-7	R6202	E-7		
C3039	F-4	C3312	C-1	C4152	B-2	C4459	F-3	C6033	E-7	D4202	G-2	R1071	C-8	R3204	D-2	R4018	E-5	R6003	E-7	R6056	G-8	R6203	E-7		
C3043	E-4	C3801	C-1	C4153	B-1	C4901	F-2	C6201	E-7	D4203	G-2	R1072	B-8	R3205	D-2	R4027	G-2	R6004	G-8	R6057	E-8	R6204	E-7		
C3044	F-4	C3802	C-1	C4154	B-2	C4902	E-2	C6202	E-6	D4204	G-2	R1073	C-8	R3206	D-2	R4028	F-6	R6006	D-7	R6058	E-8	R6205	E-7		