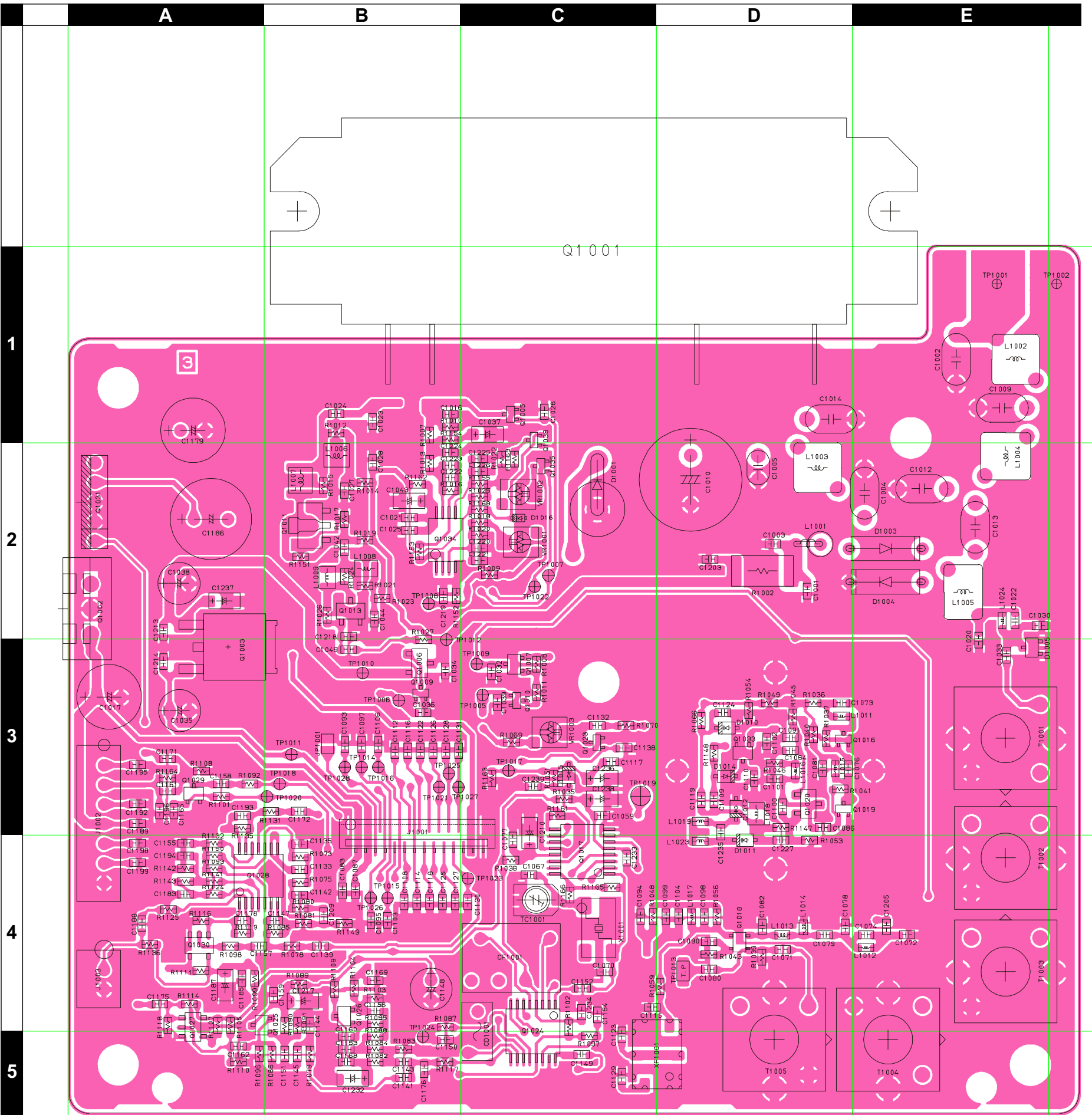
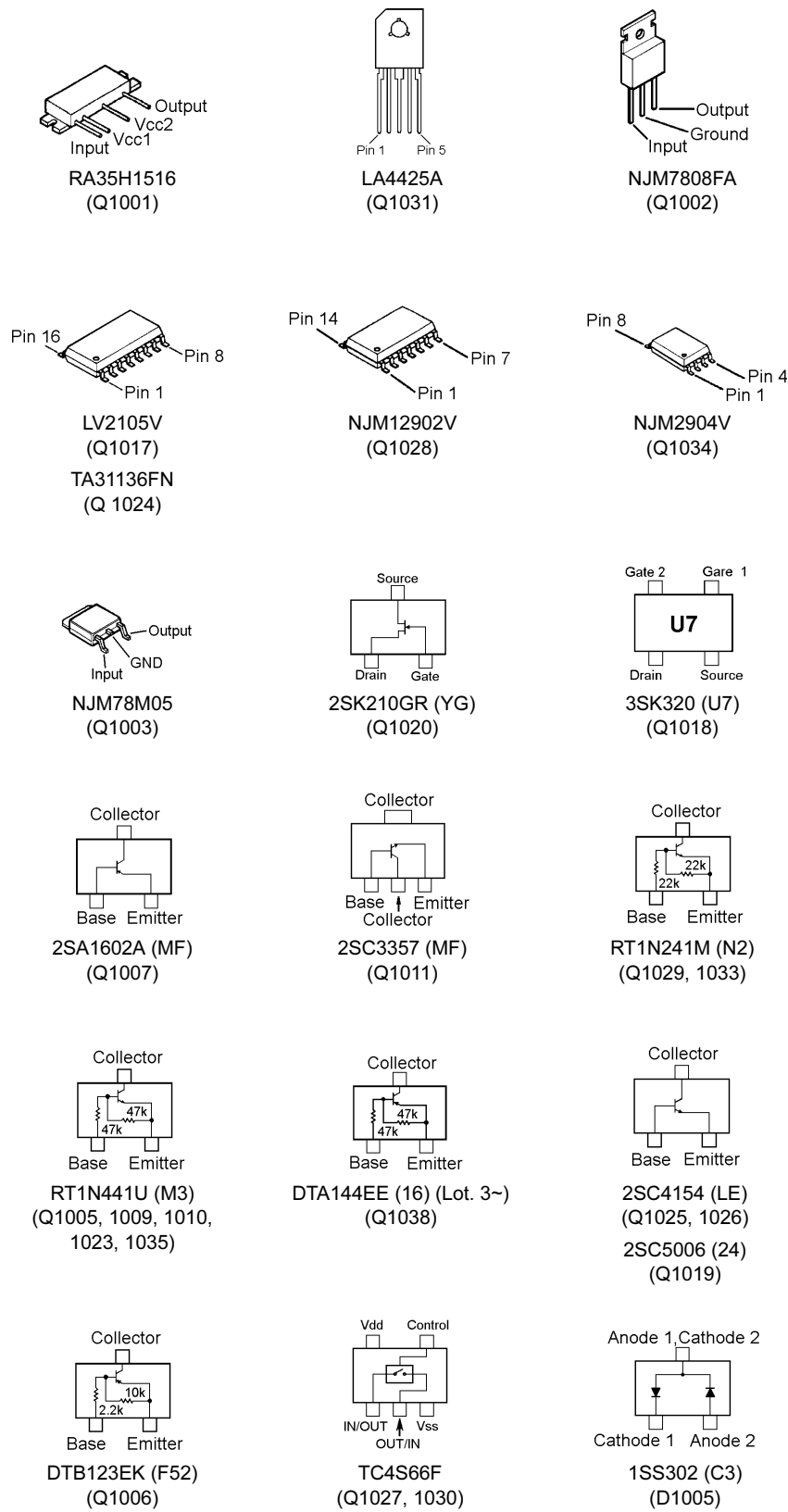


Circuit Diagram



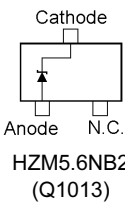
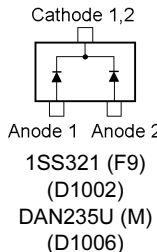
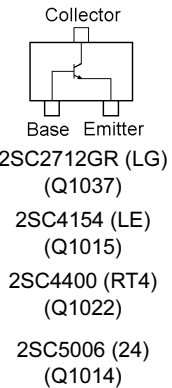
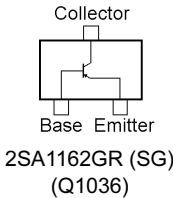
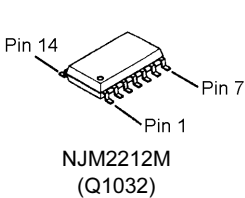
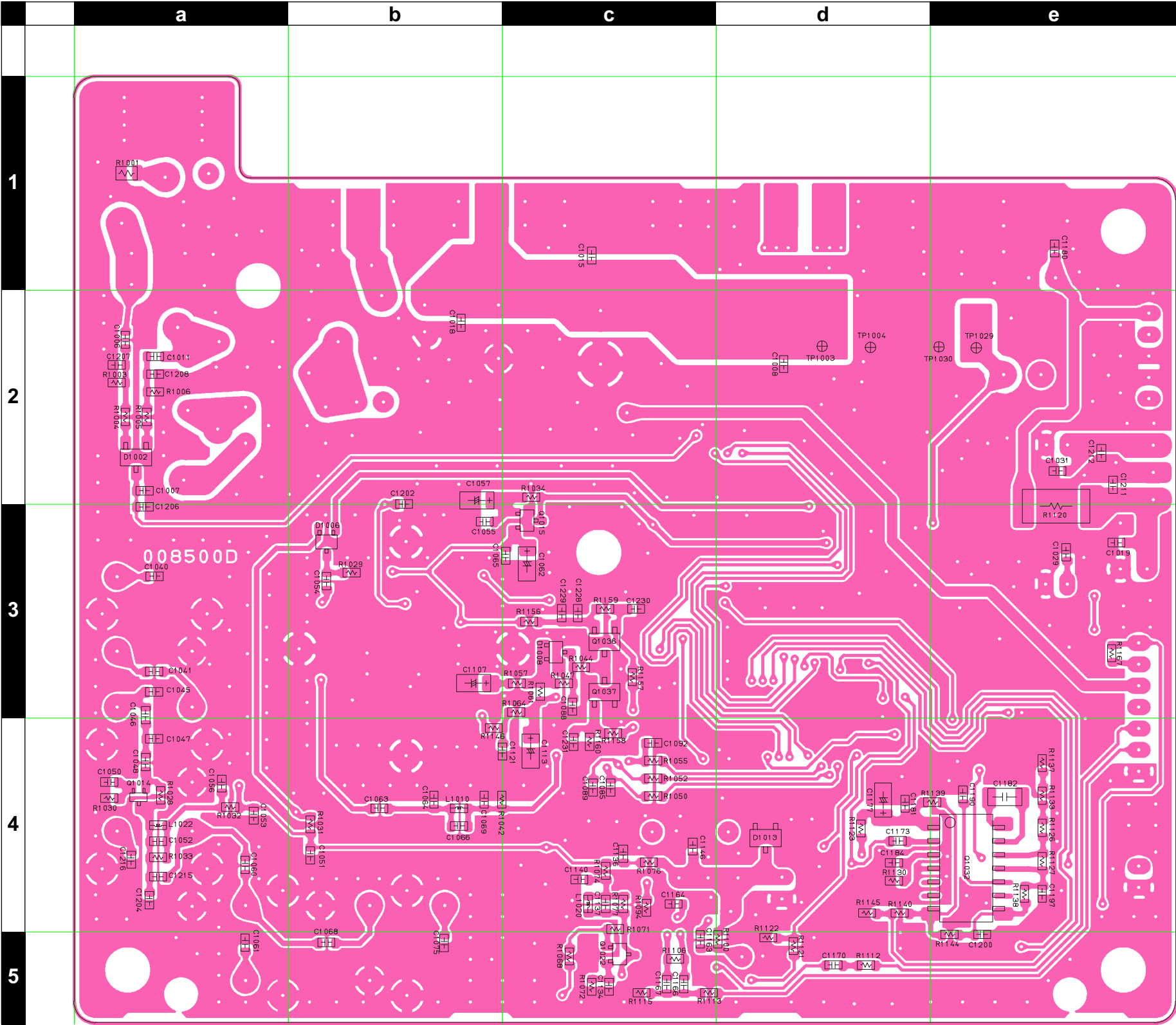
MAIN Unit (Lot. 3~)

Note



MAIN Unit (Lot. 3~)

Parts Layout (Side B)



REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
PCB with Components						CB2155001				
Printed Circuit Board						FR008500C		1-		
						FR008500D		3-		
C 1001	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	D2
C 1002	CERAMIC CAP.	12pF	50V	CH	CHU5 120J6	K02179103		1-	A	E1
C 1004	CERAMIC CAP.	22pF	50V	CH	CHU5 220J6	K02179106		1-	A	E2
C 1006	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		1-	B	a2
C 1007	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a2
C 1008	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	d2
C 1009	CERAMIC CAP.	27pF	50V	CH	CHU5 270J6	K02179107		1-	A	E1
C 1010	AL.ELECTRO.CAP.	1000uF	25V		RE3-25V102M 1000UF	K40149045		1-	A	D2
C 1011	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		1-	B	a2
C 1012	CERAMIC CAP.	18pF	50V	CH	CHU5 180J6	K02179105		1-	A	E2
C 1013	CERAMIC CAP.	47pF	50V	CH	CHU5 470J6	K02179110		1-	A	E2
C 1014	CERAMIC CAP.	15pF	50V	CH	CHU5 150J6	K02179104		1-	A	E1
C 1015	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	c1
C 1016	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	B1
C 1017	AL.ELECTRO.CAP.	100uF	25V		RE2-25V101M 100UF	K40149028		1-	A	A3
C 1019	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	B	e3
C 1021	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	B2
C 1024	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		1-	A	B1
C 1025	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	B2
C 1027	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	B2
C 1028	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	B2
C 1029	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	B	e3
C 1030	CHIP CAP.	27pF	50V	CH	GRM39CH270J50PT	K22174221		1-	A	E2
C 1031	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	B	e2
C 1032	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	A	C3
C 1033	CHIP CAP.	8pF	50V	CH	GRM39CH080D50PT	K22174209		1-	A	E3
C 1034	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	A	B3
C 1035	AL.ELECTRO.CAP.	10uF	16V		RC2-16V100M(4X7)	K40129012		1-	A	A3
C 1036	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	B3
C 1037	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	C1
C 1039	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	C3
C 1041	CHIP CAP.	2pF	50V	CK	GRM39CK020C50PT	K22174203		1-	B	a3
C 1042	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		1-	A	B2
C 1043	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	A	B2
C 1046	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		1-	B	a3
C 1047	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		1-	B	a4
C 1048	CHIP CAP.	18pF	50V	CH	GRM39CH180J50PT	K22174217		1-	B	a4
C 1049	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1-	A	B3
C 1050	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a4
C 1051	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	b4
C 1054	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	b3
C 1055	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	b3
C 1056	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a4
C 1057	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	b2
C 1059	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	C3
C 1060	CHIP CAP.	2pF	50V	CK	GRM39CK020C50PT	K22174203		1-	B	a4
C 1061	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		1-	B	a5
C 1062	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	c3
C 1063	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		1-	B	b4
C 1064	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1-	B	b4
C 1065	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	c3
C 1067	CHIP CAP.	8pF	50V	CH	GRM39CH080D50PT	K22174209		1-	A	C4
C 1067	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		3-	A	C4
C 1068	CHIP CAP.	3pF	50V	CJ	GRM39CJ030C50PT	K22174204		1-	B	b5
C 1069	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1-	B	b4
C 1070	CHIP CAP.	18pF	50V	CH	GRM39CH180J50PT	K22174217		1-	A	C4
C 1071	CHIP CAP.	12pF	50V	CH	GRM39CH120J50PT	K22174213		1-	A	D4
C 1072	CHIP CAP.	7pF	50V	CH	GRM39CH070D50PT	K22174208		1-	A	E4
C 1075	CHIP CAP.	6pF	50V	CH	GRM39CH060D50PT	K22174207		1-	B	b5
C 1076	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	D3
C 1077	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	C4
C 1078	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1-	A	D4
C 1079	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	D4
C 1080	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		1-	A	D4
C 1081	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	D3
C 1084	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	D3
C 1086	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		1-	A	D3
C 1088	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	B	c3
C 1090	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	D4
C 1091	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	D3
C 1094	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	C4
C 1098	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		1-	A	D4
C 1099	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	D4

MAIN Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 1100	CHIP CAP.	6pF	50V	CH	GRM39CH060D50PT	K22174207		1-	A	D3
C 1100	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		7-	A	D3
C 1101	CHIP CAP.	6pF	50V	CH	GRM39CH060D50PT	K22174207		1-	A	D3
C 1104	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	A	D4
C 1107	CHIP TA.CAP.	10uF	6.3V		TEMSVA0J106M-8R	K78080027		1-	B	b3
C 1109	CHIP CAP.	7pF	50V	CH	GRM39CH070D50PT	K22174208		1-	A	D3
C 1110	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	D3
C 1113	CHIP TA.CAP.	0.47uF	25V		TESVA1E474M1-8R	K78140009		1-	B	c4
C 1115	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		1-	A	C4
C 1117	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	C3
C 1119	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		1-	A	D3
C 1121	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	c4
C 1123	CHIP CAP.	7pF	50V	CH	GRM39CH070D50PT	K22174208		1-	A	C5
C 1129	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		1-	A	C5
C 1132	CHIP CAP.	1uF	10V	F	GRM39F105Z10PT	K22105001		1-	A	C3
C 1133	CHIP CAP.	0.0056uF	50V	B	GRM39B562M50PT	K22174818		1-	A	B4
C 1134	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	B	c5
C 1135	CHIP CAP.	330pF	50V	B	GRM39B331K50PT	K22174820		1-	A	B4
C 1136	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	B	c4
C 1139	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	B4
C 1140	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	B	c4
C 1141	CHIP CAP.	1uF	10V	F	GRM39F105Z10PT	K22105001		1-	A	B5
C 1142	CHIP CAP.	0.0068uF	50V	B	GRM39B682K50PT	K22174834		1-	A	B4
C 1143	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	B5
C 1144	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	B4
C 1145	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	B5
C 1146	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	B	c4
C 1147	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1-	A	B4
C 1148	AL.ELECTRO.CAP.	10uF	16V		RC2-16V100M(4X7)	K40129012		1-	A	B4
C 1149	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	A	C5
C 1151	CHIP CAP.	0.022uF	25V	B	GRM39B223K25PT	K22144807		1-	A	B5
C 1152	CHIP CAP.	2pF	50V	CK	GRM39CK020C50PT	K22174203		1-	A	C4
C 1153	CHIP CAP.	0.0047uF	50V	B	GRM39B472K50PT	K22174833		1-	A	B5
C 1154	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	C4
C 1156	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	A	B4
C 1157	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	A4
C 1158	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	A3
C 1159	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	B4
C 1160	CHIP CAP.	820pF	50V	B	GRM39B821M50PT	K22174808		1-	A	B5
C 1162	CHIP CAP.	1uF	10V	F	GRM39F105Z10PT	K22105001		1-	A	A5
C 1163	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1-	B	c5
C 1164	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	c4
C 1165	CHIP CAP.	1uF	10V	F	GRM39F105Z10PT	K22105001		1-	A	A3
C 1166	CHIP CAP.	470pF	50V	B	ECUV1H471KBV	K22179610		1-	B	c5
C 1167	CHIP CAP.	470pF	50V	B	ECUV1H471KBV	K22179610		1-	B	c5
C 1168	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		1-	A	B5
C 1170	CHIP CAP.	0.0047uF	50V	B	GRM39B472K50PT	K22174833		1-	B	d5
C 1171	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	A3
C 1172	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	B3
C 1173	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	d4
C 1175	CHIP CAP.	1uF	10V	F	GRM39F105Z10PT	K22105001		1-	A	A4
C 1177	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	d4
C 1178	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1-	A	A4
C 1179	AL.ELECTRO.CAP.	100uF	25V		RE2-25V101M 100UF	K40149028		1-	A	A1
C 1180	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	e1
C 1182	FILM CAP.	0.027uF	16V		ECHU1C273JB5	K57120012		1-	B	e4
C 1183	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	A4
C 1185	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	A4
C 1186	AL.ELECTRO.CAP.	470uF	16V		RE3-16V471M 470UF	K40129066		1-	A	A2
C 1187	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	A	A4
C 1188	CHIP CAP.	0.0047uF	50V	B	GRM39B472K50PT	K22174833		1-	A	A4
C 1190	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	e4
C 1193	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1-	A	A3
C 1194	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	A4
C 1196	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	A3
C 1197	CHIP CAP.	0.0068uF	50V	B	GRM39B682K50PT	K22174834		1-	B	e4
C 1200	CHIP CAP.	0.0022uF	50V	B	GRM39B222K50PT	K22174822		1-	B	e5
C 1205	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1-	A	E4
C 1206	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	a3
C 1207	CHIP CAP.	4pF	50V	CH	GRM39CH040C50PT	K22174205		1-	B	a2
C 1208	CHIP CAP.	3pF	50V	CJ	GRM39CJ030C50PT	K22174204		1-	B	a2
C 1209	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	B4
C 1210	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	A	C3
C 1211	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	e2
C 1212	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	e2
C 1213	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	A2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 1214	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	A3
C 1215	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		1-	B	a4
C 1216	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		1-	B	a4
C 1217	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	A	B4
C 1218	CHIP CAP.	8pF	50V	CH	GRM39CH080D50PT	K22174209		1-	A	B2
C 1219	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	B2
C 1220	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	C2
C 1221	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	C2
C 1222	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	B2
C 1223	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	B2
C 1223	CHIP CAP.	0.22uF	10V	B	GRM39B224K10PT	K22104801		3-	A	B2
C 1224	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	B2
C 1225	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	C2
C 1226	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	C2
C 1227	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	D4
C 1228	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	c3
C 1229	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	B	c3
C 1233	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	C4
C 1234	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	C4
C 1235	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1-	A	D3
C 1236	CHIP TA.CAP.	0.1uF	35V		TESVA1V104M1-8R	K78160025		1-	A	C3
C 1237	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	A	A2
C 1238	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	A	C3
C 1239	CERAMIC CAP.	0.01uF	16V	Y	EP050Y103N-A	K28129001		1-	A	C3
C 1239	CHIP CAP.	0.01uF	50V	B	GRM39B103M50PT	K22174823		3-	A	C3
CD1001	CERAMIC DISC				CDA450C24	H7901430		1-	A	C5
CF1001	CERAMIC FILTER				ALFYM450E=K	H3900535		1-	A	C4
D 1001	DIODE				1N5402	G2090778		1-	A	C2
D 1002	DIODE				1SS321 TE85R	G2070076		1-	B	a2
D 1003	DIODE				XB15A308A2GB	G2090742		1-	A	E2
D 1004	DIODE				XB15A308A2GB	G2090742		1-	A	D2
D 1005	DIODE				1SS302 TE85R	G2070088		1-	A	E3
D 1006	DIODE				DAN235U TL	G2070176		1-	B	b3
D 1010	DIODE				1SV214 TPH	G2070356		1-	A	D3
D 1011	DIODE				HVU350TRF	G2070380		1-	A	D4
D 1012	DIODE				HVU350TRF	G2070380		1-	A	D3
D 1013	DIODE				HZM5.6NB2 TR	G2070722		1-	B	d4
D 1014	DIODE				HSU277TRF	G2070118		1-	A	D3
D 1015	DIODE				1SS355 TE-17	G2070470		1-	A	C3
D 1016	DIODE				UDZS TE-17 4.7B	G2070924		3-	A	C2
J 1001	CONNECTOR				28FLT-SM1-TB	P1091149		1-	A	B4
J 1002	CONNECTOR				B7B-PH-K-S	P0090401		1-	A	A3
J 1003	CONNECTOR				B2B-PH-K-S	P0090396		1-	A	A4
L 1001	M.RFC	4.7uH			LAL03NA4R7K	L1190203		1-	A	D2
L 1002	COIL A1				4.5T3.5D0.8UEW R	L0021149A		1-	A	E1
L 1003	COIL A1				4.5T3.5D0.8UEW R	L0021149A		1-	A	D2
L 1004	COIL A1				4.5T3.5D0.8UEW R	L0021149A		1-	A	E1
L 1005	COIL A1				3.5T4.0D0.8UEW R	L0022245		1-	A	E2
L 1006	COIL				E2 0.25-1.9-8T-L	L0022550		1-	A	B2
L 1007	COIL				E2 0.25-1.9-8T-L	L0022550		1-	A	B2
L 1010	M.RFC	0.082uH			HK1608 82NJ-T	L1690527		1-	B	b4
L 1012	M.RFC	0.082uH			HK1608 82NJ-T	L1690527		1-	A	E4
L 1013	M.RFC	0.068uH		2%	C1608CA-68NG	L1691042		1-	A	D4
L 1014	M.RFC	0.068uH		2%	C1608CA-68NG	L1691042		1-	A	D4
L 1015	M.RFC	0.1uH			HK1608 R10J-T	L1690528		1-	A	D3
L 1016	M.RFC	2.2uH			LK1608 2R2K-T	L1690634		1-	A	D3
L 1017	M.RFC	1.5uH			LK1608 1R5K-T	L1690846		1-	A	D4
L 1018	M.RFC	0.068uH		2%	C2012C-68NG	L1690774		1-	A	D3
L 1019	M.RFC	2.2uH			LK1608 2R2K-T	L1690634		1-	A	D3
L 1022	M.RFC	0.22uH			HK1608 R22J-T	L1690940		1-	B	a4
L 1023	M.RFC	2.2uH			LK1608 2R2K-T	L1690634		1-	A	D4
L 1024	M.RFC	0.047uH			HK1608 47NJ-T	L1690524		1-	A	E2
Q 1001	IC				RA35H1516M	G1093695		1-	A	B1
Q 1002	IC				NJM7808FA	G1093640		1-	A	A2
Q 1003	IC				NJM78M05DL1A(TE1)	G1093660		1-	A	A3
Q 1005	TRANSISTOR				RT1N441U-T11-1	G3070247		1-	A	C1
Q 1006	TRANSISTOR				DTB123EK T146	G3070022		1-	A	B3
Q 1007	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	C3
Q 1009	TRANSISTOR				RT1N441U-T11-1	G3070247		1-	A	B3
Q 1010	TRANSISTOR				RT1N441U-T11-1	G3070247		1-	A	C3
Q 1011	TRANSISTOR				2SC3357-T2 RF	G3333577F		1-	A	B2
Q 1014	TRANSISTOR				2SC5006-T1	G3350068		1-	B	a4
Q 1015	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	B	c3
Q 1017	IC				LV2105V-TLM	G1093191		1-	A	C4
Q 1018	FET				3SK320(TE85L)	G4803208		1-	A	D4
Q 1019	TRANSISTOR				2SC5006-T1	G3350068		1-	A	D3

MAIN Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
Q 1020	FET				2SK210GR TE85R	G3802107G		1-	A	D3
Q 1022	TRANSISTOR				2SC4400-3-TL	G3344008C		1-	B	c5
Q 1023	TRANSISTOR				RT1N441U-T11-1	G3070247		1-	A	C3
Q 1024	IC				TA31136FN(EL)	G1091605		1-	A	C5
Q 1025	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	A4
Q 1026	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	B4
Q 1027	IC				TC4S66F TE85R	G1090893		1-	A	A4
Q 1028	IC				NJM12902V(TE1)	G1093592		1-	A	A4
Q 1029	TRANSISTOR				RT1N241M-T11-1	G3070249		1-	A	A3
Q 1030	IC				TC4S66F TE85R	G1090893		1-	A	A4
Q 1031	IC				LA4425A	G1092241		1-	A	A2
Q 1032	IC				NJM2211M(TE1)	G1092943		1-	B	e4
Q 1033	TRANSISTOR				RT1N241M-T11-1	G3070249		1-	A	D3
Q 1034	IC				NJM2904V-TE1	G1091677		1-	A	B2
Q 1035	TRANSISTOR				RT1N441U-T11-1	G3070247		1-	A	C2
Q 1036	TRANSISTOR				2SA1162GR TE85R	G3111627G		1-	B	c3
Q 1037	TRANSISTOR				2SC2712GR TE85R	G3327127G		1-	B	c3
Q 1038	TRANSISTOR				DTA144EE TL	G3070074		3-	A	C1
R 1001	CHIP RES.	56k	1/10W	5%	RMC1/10T 563J	J24205563		1-	B	a1
R 1002	CHIP RES.	100	1W	5%	RMC1 101JTE	J24305101		1-	A	D2
R 1003	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	a2
R 1004	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	a2
R 1005	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	a2
R 1006	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	a2
R 1007	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B1
R 1007	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		3-	A	B1
R 1008	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C3
R 1009	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 1010	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B1
R 1010	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		3-	A	B1
R 1011	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	C3
R 1013	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B2
R 1013	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		3-	A	B2
R 1014	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B2
R 1015	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B2
R 1016	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	B2
R 1018	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 1020	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C2
R 1022	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	C2
R 1024	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B2
R 1025	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-2	A	C2
R 1026	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B2
R 1027	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	B3
R 1028	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	B	a4
R 1028	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		3-	B	a4
R 1029	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	b3
R 1030	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	a4
R 1031	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	b4
R 1032	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	a4
R 1033	CHIP RES.	560	1/16W	5%	RMC1/16 561JATP	J24185561		1-	B	a4
R 1034	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	c2
R 1035	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C3
R 1037	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	D3
R 1038	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C4
R 1039	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D4
R 1040	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D3
R 1041	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D3
R 1043	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D4
R 1044	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	c3
R 1045	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D3
R 1046	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D3
R 1047	CHIP RES.	270	1/16W	5%	RMC1/16 271JATP	J24185271		1-	B	c3
R 1048	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C4
R 1049	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D3
R 1050	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	c4
R 1052	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	c4
R 1053	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	D4
R 1054	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D3
R 1055	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	c4
R 1056	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	D4
R 1057	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	B	c3
R 1059	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D4
R 1061	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	c3
R 1064	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	c3
R 1066	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D3
R 1068	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	B	c5

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 1069	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C3
R 1069	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		3-	A	C3
R 1070	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C3
R 1071	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	B	c4
R 1072	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	c5
R 1073	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1-	A	B4
R 1074	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	c4
R 1075	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1-	A	B4
R 1076	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	B	c4
R 1077	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	B	c4
R 1078	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		1-	A	B4
R 1079	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B5
R 1080	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 1081	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B4
R 1082	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B5
R 1083	CHIP RES.	56k	1/16W	5%	RMC1/16 563JATP	J24185563		1-	A	B5
R 1084	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B5
R 1085	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		1-	A	B4
R 1086	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		1-	A	B5
R 1088	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B5
R 1089	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B4
R 1090	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		1-	A	B4
R 1091	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B4
R 1092	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A3
R 1093	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A4
R 1095	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B4
R 1096	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	A5
R 1097	CHIP RES.	2.2M	1/16W	5%	RMC1/16 225JATP	J24185225		1-	A	C5
R 1098	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	A4
R 1099	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A4
R 1100	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	B	d5
R 1101	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A3
R 1102	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	C4
R 1103	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	B4
R 1104	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B4
R 1105	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A4
R 1106	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	c5
R 1107	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	A4
R 1108	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A3
R 1109	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B4
R 1110	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A5
R 1111	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	A4
R 1112	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1	B	d5
R 1112	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		2-	B	d5
R 1113	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		1-	B	c5
R 1114	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A4
R 1116	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A4
R 1117	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B5
R 1118	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A4
R 1119	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		1-	A	A4
R 1120	CHIP RES.	0	1W	5%	RMC1 JPATE	J24305000		1-	B	e3
R 1121	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	d5
R 1122	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	d5
R 1123	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	d4
R 1124	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A4
R 1125	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		1-	A	A4
R 1126	CHIP RES.	10k	1/16W	1%	RMC1/16 103FTP	J24183103		1-	B	e4
R 1127	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	B	e4
R 1131	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B3
R 1132	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A4
R 1133	CHIP RES.	10k	1/16W	1%	RMC1/16 103FTP	J24183103		1-	B	e4
R 1135	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	A3
R 1136	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A4
R 1137	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	e4
R 1138	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	e4
R 1139	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e4
R 1140	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	d4
R 1141	CHIP RES.	18k	1/16W	5%	RMC1/16 183JATP	J24185183		1-	A	A4
R 1142	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A4
R 1143	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A4
R 1145	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	d4
R 1146	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	b4
R 1148	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D3
R 1149	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B4
R 1150	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	A4
R 1151	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B2

MAIN Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 1152	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B2
R 1153	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B2
R 1154	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B1
R 1155	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C2
R 1156	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	B	c3
R 1157	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	B	c3
R 1158	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	B	c4
R 1159	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	c3
R 1160	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	c4
R 1162	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	A	B2
R 1163	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C3
R 1164	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A3
R 1165	CARBON FILM RES.	3.3k	1/6W	5%	RD16TPJ332 3.3K	J07225332		1-2	A	C4
R 1166	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		3-	A	C4
R 1168	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		3-	A	C2
R 1169	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		3-	A	C2
T 1001	COIL				MC120 E526HNSA-110461	L0190261		1-	A	E3
T 1002	COIL				MC120 E526HNSA-110461	L0190261		1-	A	E4
T 1003	COIL				MC120 E526HNSA-110462	L0190262		1-	A	E4
T 1004	COIL				MC120 E526HNSA-110462	L0190262		1-	A	E5
T 1005	COIL				MC120 E526HNSA-110461	L0190261		1-	A	D5
TC1001	TRIMMER CAP.	20pF			ECR-KN020E61X	K91000213		1-	A	C4
TP1013	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	D4
VR1001	POT.	22k			EVN-5ESX50BE4	J51811223		1-	A	C2
VR1002	POT.	1k			EVN-5ESX50B13	J51811102		1-	A	C2
VR1003	POT.	100k			EVN-5ESX50B15	J51811104		1-	A	C3
X 1001	XTAL TOP-B	21.85MHz			21.85000MHZ	H0103270		1-	A	C4
XF1001	XTAL FILTER				21S13B	H1102353		1-	A	C5
	SHIELD CASE VCO				F	RA0418500		1-		
	SHIELD CASE COVER					RA041830A		1-		
	LEAF SPRING					R0140031		1-		