

PARTS LIST

CAUTION

- The parts identified by the \triangle symbol are important for the safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines — in the Parts No. columns will not be supplied.
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
C R	Carbon Resistor	C CAP.	Ceramic Capacitor
F R	Fusible Resistor	E CAP.	Electrolytic Capacitor
P R	Plate Resistor	M CAP.	Mylar Capacitor
V R	Variable Resistor	HV CAP.	High Voltage Capacitor
HV R	High Voltage Resistor	MF CAP.	Metalized Film Capacitor
MF R	Metal Film Resistor	MM CAP.	Metalized Mylar Capacitor
MG R	Metal Glazed Resistor	MP CAP.	Metalized Polystyrol Capacitor
MP R	Metal Plate Resistor	PP CAP.	Polypropylene Capacitor
OM R	Metal Oxide Film Resistor	PS CAP.	Polystyrol Capacitor
CMF R	Coating Metal Film Resistor	TF CAP.	Thin Film Capacitor
UNF R	Non-Flammable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH V R	Chip Variable Resistor	TAN. CAP.	Tantalum Capacitor
CH MG R	Chip Metal Glazed Resistor	CH C CAP.	Chip Ceramic Capacitor
COMP. R	Composition Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

TOLERANCES									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

AV-21D13
AV-21D33
AV-20N13
AV-20N33

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USING P.W. BOARD & REMOTE CONTROL UNIT

Model P.W.B ASS'Y	AV-21D13/PH	AV-21D33/PH	AV-20N13/PH	AV-20N33/PH
MAIN PWB (With CRT SOCKET PWB)	SGA-1062A	SGA-1061A	SGA-1064A	SGA-1063A
REMOTE CONTROL UNIT	RM-C372GY-1H	RM-C373GY-1H	RM-C372GY-1H	RM-C373GY-1H

REMOTE CONTROL UNIT PARTS LIST

[AV-21D13/PH] (RM-C372GY-1H)

△ Ref. No.	Part No.	Part Name	Description
1	25-1168F	BATTERY COVER	

[AV-21D33/PH] (RM-C373GY-1H)

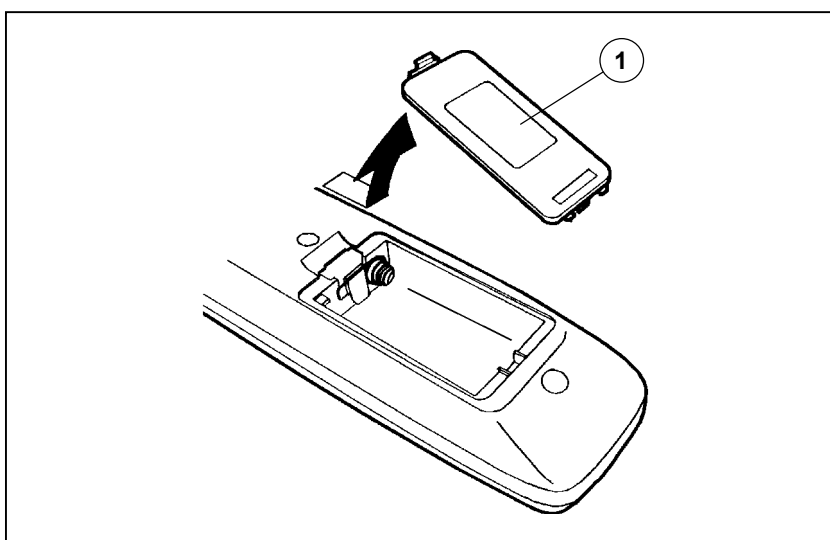
△ Ref. No.	Part No.	Part Name	Description
1	25-1168F	BATTERY COVER	

[AV-20N13/PH] (RM-C372GY-1H)

△ Ref. No.	Part No.	Part Name	Description
1	25-1168F	BATTERY COVER	

[AV-20N33/PH] (RM-C373GY-1H)

△ Ref. No.	Part No.	Part Name	Description
1	25-1168F	BATTERY COVER	



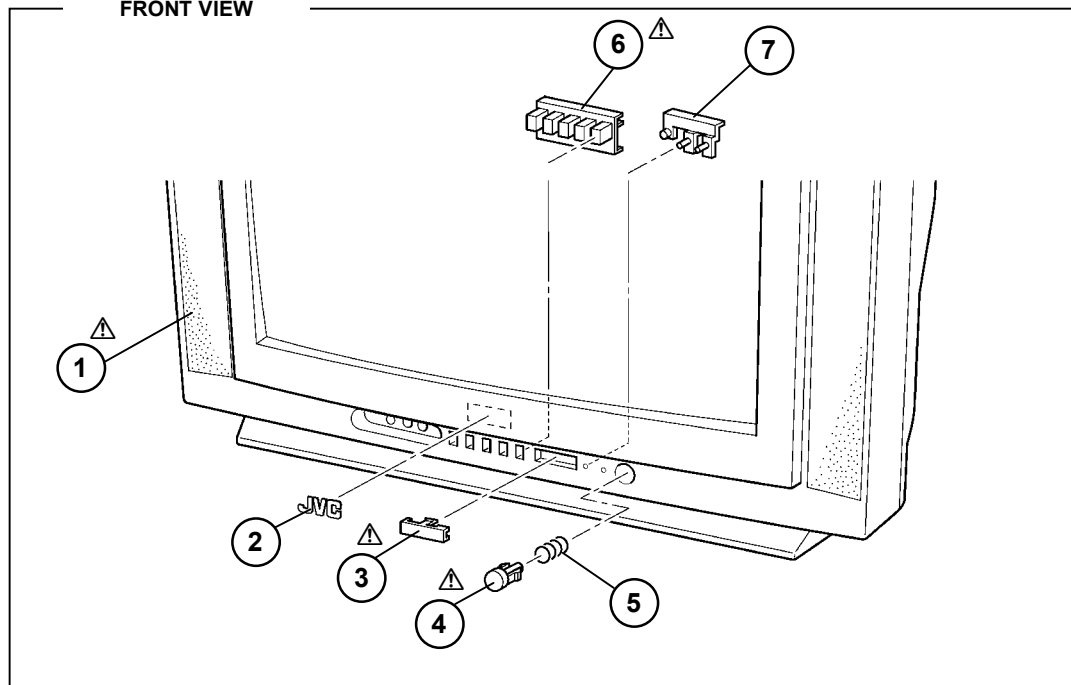
EXPLODED VIEW PARTS LIST

[AV-21D13/PH]

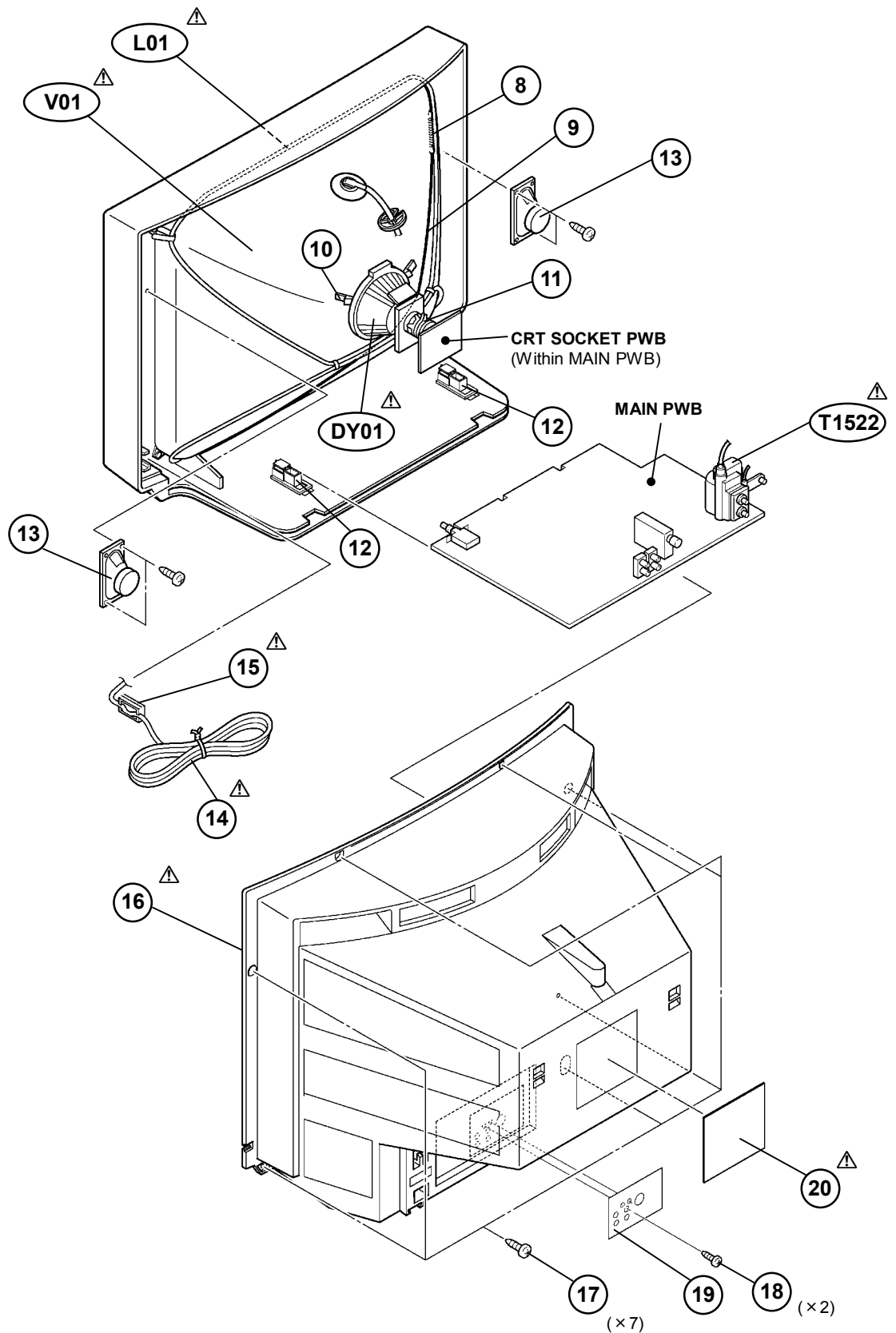
△ Ref.No.	Part No.	Part Name	Description
△ 1	LC11129-019A-H	FRONT CABINET	
2	CM48125-009	JVC MARK	
△ 3	GG30020-001A-H	REMOCON WINDOW	
△ 4	GG30019-001B-H	POWER KNOB	
5	CM30861-069	SPRING	
△ 6	GG20006-001A-H	CONTROL KNOB	
7	GG30021-002A-H	LED LENS	
△ V01	A51LEC065X	PICTURE TUBE	
△ DY01	QOD0018-001	DEF YOKE	
△ L01	QQW0006-001	DEG COIL	
△ T1522	QQH0030-002	F.B. TRANSF.	
8	A48457-1	SPRING	
9	CHGB0016-0B-N	BRAIDED ASSY	
10	CE40764-00A	WEDGE ASSY	(x3)
11	A75034-B	PC MAGNET	
12	CM36623-B01-H	CHASSIS RAIL	(x2)
13	CEB5512D-07KJ2	SPEAKER	(x2) SP01
△ 14	QMPR010-200-E2	POWER CORD	or QMPR010-200-K2
△ 15	CM47005-A01-H	POWER CORD CLAMP	
△ 16	GG10130-007A-H	REAR COVER	
17	QYSBSFG4016Z	TAP SCREW	(x7)
18	QYSBSF3010Z	TAP SCREW	(x2)
19	GG30058-002A-H	TERMINAL SHEET	
△ 20	GG20024-001A-H	RATING LABEL	

EXPLODED VIEW

FRONT VIEW



EXPLODED VIEW



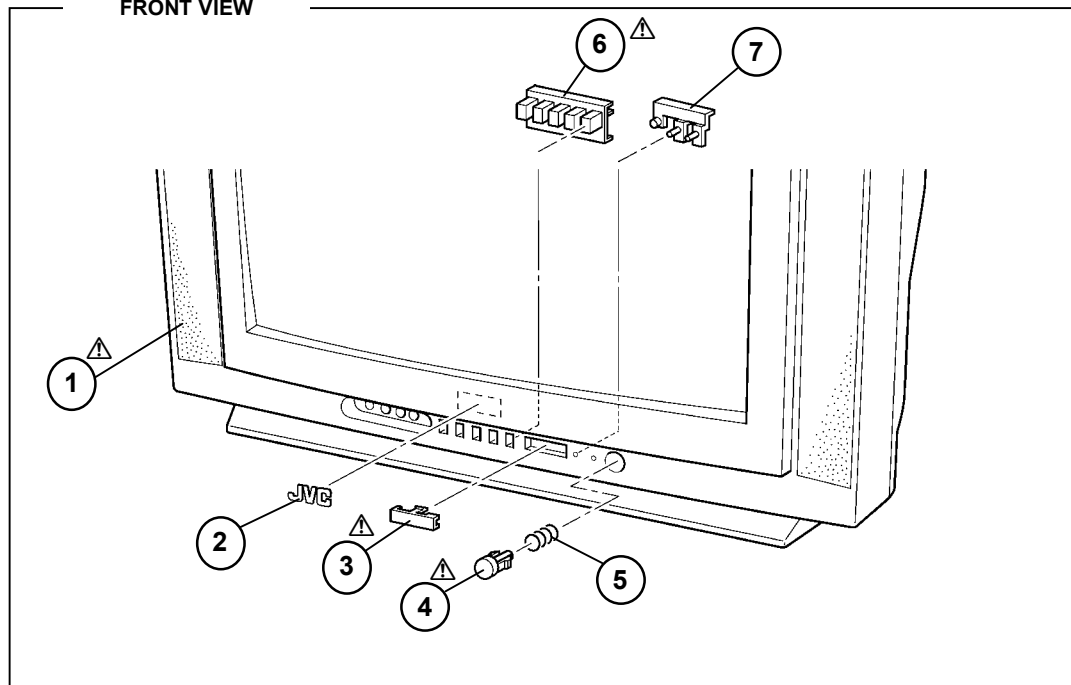
EXPLODED VIEW PARTS LIST

[AV-21D33/PH]

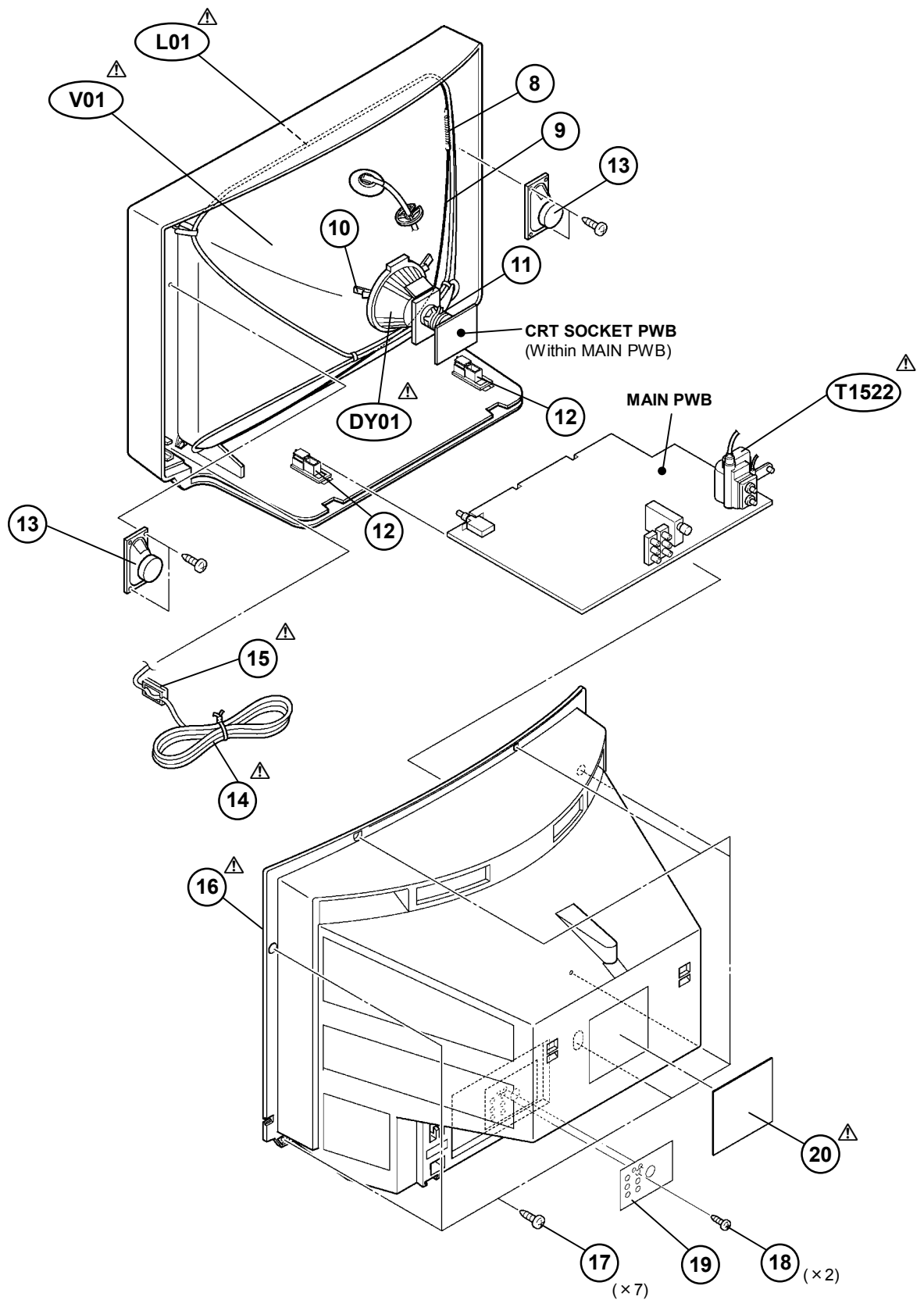
△ Ref.No.	Part No.	Part Name	Description
△ 1	LC11129-020A-H	FRONT CABINET	
△ 2	CM48125-009	JVC MARK	
△ 3	GG30020-001A-H	REMOCON WINDOW	
△ 4	GG30019-001B-H	POWER KNOB	
△ 5	CM30861-069	SPRING	
△ 6	GG20006-001A-H	CONTROL KNOB	
△ 7	GG30021-002A-H	LED LENS	
△ V01	A51LEC065X	PICTURE TUBE	
△ DY01	QQD0018-001	DEF YOKE	
△ L01	QQW0006-001	DEG COIL	
△ T1522	QQH0030-002	F.B. TRANSF.	
△ 8	A48457-1	SPRING	
△ 9	CHGB0016-0B-N	BRAIDED ASSY	
△ 10	CE40764-00A	WEDGE ASSY	(x3)
△ 11	A75034-B	PC MAGNET	
△ 12	CM36623-B01-H	CHASSIS RAIL	(x2)
△ 13	CEBSS12D-04KJ2	SPEAKER	(x2) SP01
△ 14	QMPR010-200-E2	POWER CORD	or QMPR010-200-K2
△ 15	CM47005-A01-H	POWER CORD CLAMP	
△ 16	GG10130-007A-H	REAR COVER	
△ 17	QYSBSFG4016Z	TAP SCREW	(x7)
△ 18	QYSBSF3010Z	TAP SCREW	(x2)
△ 19	GG30058-001A-H	TERMINAL SHEET	
△ 20	GG20024-001A-H	RATING LABEL	

EXPLODED VIEW

FRONT VIEW



EXPLODED VIEW



[AV-21D13/PH]

PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (SGA-1062A)

Symbol No.	Part No.	Part Name	Description
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RESISTOR

R1001	NRSA02J-563X	MG R	56kΩ 1/10W J
R1003	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1004	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1005	QRT029J-4R7	MF R	4.7Ω 2W J
R1006	NRSA02J-820X	MG R	82Ω 1/10W J
R1101	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1102	NRSA02J-182X	MG R	1.8kΩ 1/10W J
R1103	QRE121J-101Y	C R	100Ω 1/2W J
R1104	NRSA02J-220X	MG R	22Ω 1/10W J
R1105	NRSA02J-270X	MG R	27Ω 1/10W J
R1111	NRSA02J-394X	MG R	390kΩ 1/10W J
R1112	NRSA02J-334X	MG R	330kΩ 1/10W J
R1113	NRSA02J-101X	MG R	100Ω 1/10W J
R1116	NRSA02J-151X	MG R	150Ω 1/10W J
R1131	NRSA02J-102X	MG R	1kΩ 1/10W J
R1132	NRSA02J-331X	MG R	330Ω 1/10W J
R1133	NRSA02J-102X	MG R	1kΩ 1/10W J
R1134	NRSA02J-271X	MG R	270Ω 1/10W J
R1135	NRSA02J-471X	MG R	470Ω 1/10W J
R1161	NRSA02J-182X	MG R	1.8kΩ 1/10W J
R1162	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1163	NRSA02J-103X	MG R	10kΩ 1/10W J
R1164	NRSA02J-102X	MG R	1kΩ 1/10W J
R1165	NRSA02J-273X	MG R	27kΩ 1/10W J
R1166	NRSA02J-103X	MG R	10kΩ 1/10W J
R1167	NRSA02J-102X	MG R	1kΩ 1/10W J
R1168	NRSA02J-101X	MG R	100Ω 1/10W J
R1169	NRSA02J-561X	MG R	560Ω 1/10W J
R1170	NRSA02J-123X	MG R	12kΩ 1/10W J
R1171	NRSA02J-153X	MG R	15kΩ 1/10W J
R1201	NRSA02J-821X	MG R	820Ω 1/10W J
R1202	NRSA02J-102X	MG R	1kΩ 1/10W J
R1203	NRSA02J-821X	MG R	820Ω 1/10W J
R1204	NRSA02J-681X	MG R	680Ω 1/10W J
R1205	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1213	NRSA02J-391X	MG R	390Ω 1/10W J
R1215	NRSA02J-824X	MG R	820kΩ 1/10W J
R1216	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1217	NRSA02J-684X	MG R	680kΩ 1/10W J
R1220	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1251	NRSA02J-750X	MG R	75Ω 1/10W J
R1253	NRSA02J-680X	MG R	68Ω 1/10W J
R1254	QRE121J-101Y	C R	100Ω 1/2W J
R1255	NRSA02J-101X	MG R	100Ω 1/10W J
R1301	NRSA02J-102X	MG R	1kΩ 1/10W J
R1303	NRSA02J-223X	MG R	22kΩ 1/10W J
R1304	NRSA02J-223X	MG R	22kΩ 1/10W J
R1307	NRSA02J-103X	MG R	10kΩ 1/10W J
R1308	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1309	NRSA02J-103X	MG R	10kΩ 1/10W J
R1311	NRSA02J-273X	MG R	27kΩ 1/10W J
R1312	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1314	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1341	NRSA02J-121X	MG R	120Ω 1/10W J
R1342	NRSA02J-333X	MG R	33kΩ 1/10W J
R1343	NRSA02J-333X	MG R	33kΩ 1/10W J
R1351	NRSA02J-151X	MG R	150Ω 1/10W J
R1352	NRSA02J-151X	MG R	150Ω 1/10W J
R1353	NRSA02J-151X	MG R	150Ω 1/10W J
R1354	NRSA02J-331X	MG R	330Ω 1/10W J
R1355	NRSA02J-331X	MG R	330Ω 1/10W J
R1356	NRSA02J-331X	MG R	330Ω 1/10W J
R1357	NRSA02J-101X	MG R	100Ω 1/10W J
R1358	NRSA02J-101X	MG R	100Ω 1/10W J
R1359	NRSA02J-101X	MG R	100Ω 1/10W J
R1360	QRZ0107-152Z	C R	1.5kΩ 1/2W K
R1361	QRZ0107-152Z	C R	1.5kΩ 1/2W K
R1362	QRZ0107-152Z	C R	1.5kΩ 1/2W K
R1363	QRL029J-123	OM R	12kΩ 2W J
R1364	QRL029J-123	OM R	12kΩ 2W J
R1365	QRL029J-123	OM R	12kΩ 2W J
R1366	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1367	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1368	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1401	NRSA02J-103X	MG R	10kΩ 1/10W J

Symbol No.	Part No.	Part Name	Description
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RESISTOR

R1402	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1403	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1404	NRSA02J-102X	MG R	1kΩ 1/10W J
R1405	NRSA02J-221X	MG R	220Ω 1/10W J
R1406	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1407	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1408	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1410	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1413	QRE121J-391Y	C R	390Ω 1/2W J
R1414	QRX016J-1R2	MF R	1.2Ω 1W J
R1416	NRSA02J-563X	MG R	56kΩ 1/10W J
R1418	NRSA02J-563X	MG R	56kΩ 1/10W J
R1419	NRSA02J-223X	MG R	22kΩ 1/10W J
R1421	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1422	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1423	NRSA02J-103X	MG R	10kΩ 1/10W J
R1501	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1503	NRSA02J-103X	MG R	10kΩ 1/10W J
R1504	NRSA02J-104X	MG R	100kΩ 1/10W J
R1505	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R1506	NRSA02J-102X	MG R	1kΩ 1/10W J
R1510	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1512	NRSA02J-103X	MG R	10kΩ 1/10W J
R1513	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1514	NRSA02J-333X	MG R	33kΩ 1/10W J
R1521	QRL039J-562	OM R	5.6kΩ 3W J
R1523	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1524	QRE121J-103Y	C R	10kΩ 1/2W J
R1526	QRL029J-152	OM R	1.5kΩ 2W J
R1529	NRSA02J-621X	MG R	620Ω 1/10W J
R1532	QRL039J-472	OM R	4.7kΩ 3W J
R1533	QRE121J-220Y	C R	22Ω 1/2W J
R1543	QRT039J-R47	MF R	0.47Ω 3W J
R1544	QRL039J-223	OM R	22kΩ 3W J
R1562	QRA14CF-6801Y	MF R	6.8kΩ 1/4W F
R1563	QRA14CF-3741Y	MF R	3.74kΩ 1/4W F
R1581	QRE121J-273Y	C R	27kΩ 1/2W J
R1582	QRE121J-393Y	C R	39kΩ 1/2W J
R1584	QRE121J-223Y	C R	22kΩ 1/2W J
R1601	QRE121J-1R0Y	C R	1.0Ω 1/2W J
R1605	NRSA02J-473X	MG R	47kΩ 1/10W J
R1606	NRSA02J-103X	MG R	10kΩ 1/10W J
R1607	NRSA02J-471X	MG R	470Ω 1/10W J
R1608	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1609	QRE121J-271Y	C R	270Ω 1/2W J
R1610	QRE121J-271Y	C R	270Ω 1/2W J
R1613	QRE121J-152Y	C R	1.5kΩ 1/2W J
R1614	QRE121J-332Y	C R	3.3kΩ 1/2W J
R1615	NRSA02J-103X	MG R	10kΩ 1/10W J
R1616	NRSA02J-103X	MG R	10kΩ 1/10W J
R1617	NRSA02J-103X	MG R	10kΩ 1/10W J
R1618	NRSA02J-103X	MG R	10kΩ 1/10W J
R1619	NRSA02J-221X	MG R	220Ω 1/10W J
R1651	NRSA02J-102X	MG R	1kΩ 1/10W J
R1653	QRE121J-181Y	C R	180Ω 1/2W J
R1654	NRSA02J-821X	MG R	820Ω 1/10W J
R1655	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1656	NRSA02J-102X	MG R	1kΩ 1/10W J
R1701	NRSA02J-563X	MG R	56kΩ 1/10W J
R1702	NRSA02J-223X	MG R	22kΩ 1/10W J
R1703	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1704	NRSA02J-103X	MG R	10kΩ 1/10W J
R1705	NRSA02J-102X	MG R	1kΩ 1/10W J
R1706	NRSA02J-823X	MG R	82kΩ 1/10W J
R1707	NRSA02J-103X	MG R	10kΩ 1/10W J
R1708	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1709	NRSA02J-103X	MG R	10kΩ 1/10W J
R1710	NRSA02J-102X	MG R	1kΩ 1/10W J
R1711	NRSA02J-103X	MG R	10kΩ 1/10W J
R1712	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1713	NRSA02J-103X	MG R	10kΩ 1/10W J
R1714	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1715	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1716	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1717	NRSA02J-472X	MG R	4.7kΩ 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1718	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1719	NRSA02J-473X	MG R	47kΩ 1/10W J
R1720	NRSA02J-683X	MG R	68kΩ 1/10W J
R1721	NRSA02J-473X	MG R	47kΩ 1/10W J
R1722	NRSA02J-103X	MG R	10kΩ 1/10W J
R1723	NRSA02J-183X	MG R	18kΩ 1/10W J
R1724	NRSA02J-103X	MG R	10kΩ 1/10W J
R1725	NRSA02J-102X	MG R	1kΩ 1/10W J
R1726	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1727	NRSA02J-103X	MG R	10kΩ 1/10W J
R1728	NRSA02J-102X	MG R	1kΩ 1/10W J
R1729	NRSA02J-105X	MG R	1MΩ 1/10W J
R1732	NRSA02J-102X	MG R	1kΩ 1/10W J
R1733	NRSA02J-333X	MG R	33kΩ 1/10W J
R1734	NRSA02J-102X	MG R	1kΩ 1/10W J
R1735	NRSA02J-102X	MG R	1kΩ 1/10W J
R1736	NRSA02J-124X	MG R	120kΩ 1/10W J
R1737	NRSA02J-184X	MG R	180kΩ 1/10W J
R1738	NRSA02J-102X	MG R	1kΩ 1/10W J
R1740	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1741	NRSA02J-102X	MG R	1kΩ 1/10W J
R1742	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1743	NRSA02J-223X	MG R	22kΩ 1/10W J
R1744	NRSA02J-103X	MG R	10kΩ 1/10W J
R1745	NRSA02J-153X	MG R	15kΩ 1/10W J
R1746	NRSA02J-103X	MG R	10kΩ 1/10W J
R1747	NRSA02J-153X	MG R	15kΩ 1/10W J
R1748	NRSA02J-103X	MG R	10kΩ 1/10W J
R1749	NRSA02J-153X	MG R	15kΩ 1/10W J
R1750	NRSA02J-561X	MG R	560Ω 1/10W J
R1751	NRSA02J-561X	MG R	560Ω 1/10W J
R1752	NRSA02J-103X	MG R	10kΩ 1/10W J
R1753	NRSA02J-103X	MG R	10kΩ 1/10W J
R1754	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1755	NRSA02J-103X	MG R	10kΩ 1/10W J
R1756	NRSA02J-103X	MG R	10kΩ 1/10W J
R1757	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1758	NRSA02J-223X	MG R	22kΩ 1/10W J
R1759	NRSA02J-103X	MG R	10kΩ 1/10W J
R1765	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R1766	NRSA02J-102X	MG R	1kΩ 1/10W J
R1771	NRSA02J-221X	MG R	220Ω 1/10W J
R1772	NRSA02J-221X	MG R	220Ω 1/10W J
R1781	NRSA02J-681X	MG R	680Ω 1/10W J
R1782	NRSA02J-681X	MG R	680Ω 1/10W J
R1783	NRSA02J-221X	MG R	220Ω 1/10W J
R1784	NRSA02J-221X	MG R	220Ω 1/10W J
R1801	NRSA02J-221X	MG R	220Ω 1/10W J
R1802	NRSA02J-221X	MG R	220Ω 1/10W J
R1803	NRSA02J-221X	MG R	220Ω 1/10W J
R1811	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1812	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1813	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1815	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1816	NRSA02J-103X	MG R	10kΩ 1/10W J
△ R1901	QRF104K-3R9	UNF R	3.9Ω 10W K
R1902	QRL039J-393	OM R	39kΩ 3W J
R1910	QRE121J-564Y	C R	560kΩ 1/2W J
R1911	QRE121J-183Y	C R	18kΩ 1/2W J
R1921	QRE121J-681Y	C R	680Ω 1/2W J
R1922	QRH059J-R22	MP R	0.22Ω 5W J
R1923	QRT029J-R39	MF R	0.39Ω 2W J
R1924	QRE121J-103Y	C R	10kΩ 1/2W J
R1925	QRE121J-102Y	C R	1kΩ 1/2W J
R1926	QRE121J-152Y	C R	1.5kΩ 1/2W J
R1929	QRE121J-332Y	C R	3.3kΩ 1/2W J
R1932	QRE121J-4R7Y	C R	4.7Ω 1/2W J
R1942	NRSA02J-223X	MG R	22kΩ 1/10W J
R1943	QRE121J-152Y	C R	1.5kΩ 1/2W J
R1944	NRSA02J-103X	MG R	10kΩ 1/10W J
R1945	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1946	NRSA02J-123X	MG R	12kΩ 1/10W J
R1947	QRE121J-470Y	C R	47Ω 1/2W J
R1948	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1949	NRSA02J-153X	MG R	15kΩ 1/10W J
R1950	NRSA02J-103X	MG R	10kΩ 1/10W J
R1951	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1952	NRSA02J-472X	MG R	4.7kΩ 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1959	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1961	QRT029J-1R8	MF R	1.8Ω 2W J
R1962	QRT029J-1R8	MF R	1.8Ω 2W J
R1964	QRE121J-272Y	C R	2.7kΩ 1/2W J
R1965	QRE121J-473Y	C R	47kΩ 1/2W J
R1966	NRSA02J-223X	MG R	22kΩ 1/10W J
△ R1981	QRZ0057-825	C R	8.2MΩ 1W J
CAPACITOR			
C1001	QETN1HM-106Z	E CAP.	10μF 50V M
C1007	QETN1CM-477Z	E CAP.	470μF 16V M
C1008	QETN1CM-107Z	E CAP.	100μF 16V M
C1009	QETN1CM-107Z	E CAP.	100μF 16V M
C1011	NCB21HK-103X	C CAP.	0.01μF 50V K
C1101	NCB21HK-103X	C CAP.	0.01μF 50V K
C1102	NCB21HK-103X	C CAP.	0.01μF 50V K
C1103	NDC21HJ-680X	C CAP.	680pF 50V J
C1104	NCB21HK-103X	C CAP.	0.01μF 50V K
C1105	NCB21HK-103X	C CAP.	0.01μF 50V K
C1111	QETN1EM-476Z	E CAP.	47μF 25V M
C1112	NCB21HK-103X	C CAP.	0.01μF 50V K
C1113	NCB21HK-103X	C CAP.	0.01μF 50V K
C1114	NCB21HK-103X	C CAP.	0.01μF 50V K
C1116	QFV71HJ-224Z	MF CAP.	0.22μF 50V J
C1117	QETN1EM-476Z	E CAP.	47μF 25V M
C1118	NCB21HK-103X	C CAP.	0.01μF 50V K
C1119	NDC21HJ-681X	C CAP.	680pF 50V J
C1120	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1123	NCB21HK-103X	C CAP.	0.01μF 50V K
C1124	NCB21HK-103X	C CAP.	0.01μF 50V K
C1161	QETN1HM-106Z	E CAP.	10μF 50V M
C1162	NCB21HK-333X	C CAP.	0.033μF 50V K
C1163	NDC21HJ-470X	C CAP.	47pF 50V J
C1164	NDC21HJ-470X	C CAP.	47pF 50V J
C1165	NCB21HK-103X	C CAP.	0.01μF 50V K
C1166	NCB21HK-103X	C CAP.	0.01μF 50V K
C1202	QETN1CM-107Z	E CAP.	100μF 16V M
C1207	NCB21HK-104X	C CAP.	0.1μF 50V K
C1208	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1209	QETN1CM-227Z	E CAP.	220μF 16V M
C1210	NCB21HK-103X	C CAP.	0.01μF 50V K
C1211	NDC21HJ-681X	C CAP.	680pF 50V J
C1212	NCB21HK-104X	C CAP.	0.1μF 50V K
C1213	QETN1HM-105Z	E CAP.	1μF 50V M
C1214	NCB21HK-104X	C CAP.	0.1μF 50V K
C1215	QETN1HM-106Z	E CAP.	10μF 50V M
C1251	QETN1HM-106Z	E CAP.	10μF 50V M
C1252	QETN1HM-106Z	E CAP.	10μF 50V M
C1254	QETN1CM-477Z	E CAP.	470μF 16V M
C1256	QETN1CM-107Z	E CAP.	100μF 16V M
C1258	QETN1CM-227Z	E CAP.	220μF 16V M
C1291	QETN1CM-107Z	E CAP.	100μF 16V M
C1292	QETN1CM-107Z	E CAP.	100μF 16V M
C1294	QETN1CM-107Z	E CAP.	100μF 16V M
C1296	QETN1CM-107Z	E CAP.	100μF 16V M
C1301	NDC21HJ-150X	C CAP.	150pF 50V J
C1302	NDC21HJ-150X	C CAP.	150pF 50V J
C1303	NDC21HJ-120X	C CAP.	12pF 50V J
C1304	NCB21HK-103X	C CAP.	0.01μF 50V K
C1305	NDC21HJ-120X	C CAP.	12pF 50V J
C1306	QETN1EM-476Z	E CAP.	47μF 25V M
C1307	NCB21HK-103X	C CAP.	0.01μF 50V K
C1308	NCB21HK-104X	C CAP.	0.1μF 50V K
C1309	NCB21HK-104X	C CAP.	0.1μF 50V K
C1311	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1312	NCB21HK-103X	C CAP.	0.01μF 50V K
C1313	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1342	QETN1HM-335Z	E CAP.	3.3μF 50V M
C1354	NDC21HJ-271X	C CAP.	270pF 50V J
C1355	NDC21HJ-271X	C CAP.	270pF 50V J
C1356	NDC21HJ-331X	C CAP.	330pF 50V J
C1357	QETN1CM-107Z	E CAP.	100μF 16V M
△ C1382	QCZ0121-102	C CAP.	1000pF 3kV Z
C1401	QETN1HM-105Z	E CAP.	1μF 50V M
C1402	QETN1HM-105Z	E CAP.	1μF 50V M
C1403	QEM61EK-225Z	E CAP.	2.2μF 25V K
C1405	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1406	QFLC1HJ-472Z	M CAP.	4700pF 50V J

△ Symbol No. Part No. Part Name Description

CAPACITOR

C1410	QETN1VM-107Z	E CAP.	100μF 35V M
C1411	QETN1VM-477Z	E CAP.	470μF 35V M
C1412	QFLB2AK-154	M CAP.	0.15μF 100V K
C1413	QETN1EM-108Z	E CAP.	1000μF 25V M
C1414	QETN1HM-105Z	E CAP.	1μF 50V M
C1415	QFLC1HJ-152Z	M CAP.	1500pF 50V J
C1416	NDC21HJ-681X	C CAP.	680pF 50V J
C1501	QETN1CM-107Z	E CAP.	100μF 16V M
C1503	NCB21HK-103X	C CAP.	0.01μF 50V K
C1505	NCB21HK-103X	C CAP.	0.01μF 50V K
C1506	NCB21HK-103X	C CAP.	0.01μF 50V K
C1507	QETN1HM-105Z	E CAP.	1μF 50V M
C1511	QETN1HM-106Z	E CAP.	10μF 50V M
C1521	QCB32HK-151Z	C CAP.	150pF 500V K
C1522	QCB32HK-331Z	C CAP.	330pF 500V K
C1523	QETN2CM-105Z	E CAP.	1μF 160V M
△ C1524	QFZ0198-782	MPP CAP.	7800pF1.5KVH±3%
△ C1525	QFZ0119-434	MPP CAP.	0.43μF 200V ±3%
△ C1526	QEZO203-476	E CAP.	47μF 160V M
C1541	QETN2EM-106Z	E CAP.	10μF 250V M
C1543	QETN1VM-477Z	E CAP.	470μF 35V M
C1546	QETN1CM-227Z	E CAP.	220μF 16V M
C1547	QETN1CM-227Z	E CAP.	220μF 16V M
C1561	QETN1VM-107Z	E CAP.	100μF 35V M
C1581	QFLC1HJ-473Z	M CAP.	0.047μF 50V J
C1583	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1584	QFLC2AJ-103Z	M CAP.	0.01μF 100V J
C1601	QENC1HM-105Z	E CAP.	1μF 50V M
C1603	QETN1HM-106Z	E CAP.	10μF 50V M
C1604	QETN1HM-106Z	E CAP.	10μF 50V M
C1605	QETN1EM-477Z	E CAP.	470μF 25V M
C1606	NCB21EK-224X	C CAP.	0.22μF 25V K
C1607	QETM1EM-228	E CAP.	2200μF 25V M
C1608	QETN1EM-476Z	E CAP.	47μF 25V M
C1609	QETN1HM-106Z	E CAP.	10μF 50V M
C1610	QETN1HM-106Z	E CAP.	10μF 50V M
C1651	NCB21HK-332X	C CAP.	3300pF 50V K
C1652	QENC1CM-106Z	E CAP.	10μF 16V M
C1653	QETN1HM-105Z	E CAP.	1μF 50V M
C1654	QETN1HM-106Z	E CAP.	10μF 50V M
C1655	QETN1CM-107Z	E CAP.	100μF 16V M
C1656	NCB21HK-332X	C CAP.	3300pF 50V K
C1657	QETN1HM-106Z	E CAP.	10μF 50V M
C1611	NCB21EK-224X	C CAP.	0.22μF 25V K
C1612	QETN1HM-105Z	E CAP.	1μF 50V M
C1613	QETN1EM-107Z	E CAP.	100μF 25V M
C1614	QETN1HM-106Z	E CAP.	10μF 50V M
C1615	QETN1HM-226Z	E CAP.	22μF 50V M
C1701	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
C1703	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
C1704	NCB21HK-102X	C CAP.	1000pF 50V K
C1706	QETN1AM-227Z	E CAP.	220μF 10V M
C1707	NCB21HK-103X	C CAP.	0.01μF 50V K
C1708	QETN1HM-106Z	E CAP.	10μF 50V M
C1709	QETN1HM-106Z	E CAP.	10μF 50V M
C1711	NDC21HJ-151X	C CAP.	150pF 50V J
C1712	NCB21HK-104X	C CAP.	0.1μF 50V K
C1713	QETN1HM-105Z	E CAP.	1μF 50V M
C1714	NDC21HJ-221X	C CAP.	220pF 50V J
C1715	NCB21HK-102X	C CAP.	1000pF 50V K
C1716	QENC1HM-474Z	E CAP.	0.47μF 50V M
C1717	NDC21HJ-180X	C CAP.	18pF 50V J
C1718	NDC21HJ-220X	C CAP.	22pF 50V J
C1719	QETN1CM-107Z	E CAP.	100μF 16V M
C1720	NCB21HK-104X	C CAP.	0.1μF 50V K
C1723	NDC21HJ-151X	C CAP.	150pF 50V J
C1724	QETN1HM-105Z	E CAP.	1μF 50V M
C1725	NDC21HJ-151X	C CAP.	150pF 50V J
C1727	NCB21HK-103X	C CAP.	0.01μF 50V K
C1733	QETN1EM-476Z	E CAP.	47μF 25V M
C1734	NCB21HK-104X	C CAP.	0.1μF 50V K
C1735	NCB21HK-103X	C CAP.	0.01μF 50V K
C1736	QETN1CM-107Z	E CAP.	100μF 16V M
C1738	QETN1EM-476Z	E CAP.	47μF 25V M
C1742	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1765	NDC21HJ-101X	C CAP.	100pF 50V J
C1771	QETN1EM-476Z	E CAP.	47μF 25V M
C1772	NCB21HK-103X	C CAP.	0.01μF 50V K
C1805	QETN1CM-227Z	E CAP.	220μF 16V M

△ Symbol No. Part No. Part Name Description

CAPACITOR

C1806	NCB21HK-103X	C CAP.	0.01μF 50V K
C1811	NCB21HK-103X	C CAP.	0.01μF 50V K
C1812	NCB21HK-103X	C CAP.	0.01μF 50V K
C1813	NCB21HK-103X	C CAP.	0.01μF 50V K
△ C1901	QFZ9040-104	MF CAP.	0.1μFAC275V M
△ C1902	QFZ9040-104	MF CAP.	0.1μFAC275V M
△ C1903	QCZ9078-472	C CAP.	4700pFAC250V M
△ C1904	QCZ9078-472	C CAP.	4700pFAC250V M
△ C1905	QCZ9078-472	C CAP.	4700pFAC250V M
△ C1906	QEZO199-127	E CAP.	120μF 400V M
C1921	QCZ0325-102	C CAP.	1000pF 2kV K
C1922	QCS31HJ-471Z	C CAP.	470pF 50V J
C1924	QETN1VM-107Z	E CAP.	100μF 35V M
C1925	QFLC1HJ-102Z	M CAP.	1000pF 50V J
C1926	QFLC1HJ-182Z	M CAP.	1800pF 50V J
C1928	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1931	QCZ0122-391	C CAP.	390pF 2kV K
C1941	QCZ0122-471	C CAP.	470pF 2kV K
△ C1942	QEZO203-107	E CAP.	100μF 160V M
C1943	QCB32HK-471Z	C CAP.	470pF 500V K
C1944	QETN1EM-108Z	E CAP.	1000μF 25V M
C1945	QETN1EM-227Z	E CAP.	220μF 25V M
C1946	QETN1EM-107Z	E CAP.	100μF 25V M
C1947	QETN1HM-106Z	E CAP.	10μF 50V M
C1952	QETN1EM-228	E CAP.	2200μF 25V M
C1953	QCZ0122-471	C CAP.	470pF 2kV K
C1957	NDC21HJ-471X	C CAP.	470pF 50V J
C1961	QETN1CM-107Z	E CAP.	100μF 16V M
C1962	QETN1EM-476Z	E CAP.	47μF 25V M
△ C1981	QCZ9079-471	C CAP.	470pFAC250V K
△ C1982	QCZ9079-102	C CAP.	1000pFAC250V M
△ C1983	QCZ9079-471	C CAP.	470pFAC250V K
C1984	QETN1VM-337Z	E CAP.	330μF 35V M

TRANSFORMER

T1111	CELT001-209J3	CW TRANSF	or CELT001-209J2
T1521	CE42034-001	HOR DRIVE TRANS	
△ T1522	QHH0030-002	F. B. TRANSF.	
△ T1921	CETS109-001JK	SW TRANSF.	

COIL

L1001	QQL03BJ-150Z	COIL	15μH J
L1003	QQL03BJ-4R7Z	COIL	4.7μH J
L1101	QQLZ014-R22	INDUCTOR	
L1113	IM-BW	BUS WIRE	
L1131	QQL03BJ-150Z	COIL	15μH J
L1161	QQL03BJ-220Z	COIL	22μH J
L1201	IM-BW	BUS WIRE	
L1205	QQL03BJ-4R7Z	COIL	4.7μH J
L1301	QQL03BJ-390Z	COIL	39μH J
L1381	QQL03BJ-390Z	COIL	39μH J
L1501	QQL03BJ-4R7Z	COIL	4.7μH J
L1701	QQL03BJ-4R7Z	COIL	4.7μH J
L1702	QQL03BJ-4R7Z	COIL	4.7μH J
L1708	QQL03BJ-560Z	COIL	56μH J
L1771	QQL03BJ-4R7Z	COIL	4.7μH J
L1941	QQL26AK-820Z	COIL	82μH K
L1942	QQL26AK-820Z	COIL	82μH K

DIODE

D1001	MTZJ33A-T2	ZENER DIODE	
D1201	1SS133-T2	SI. DIODE	
D1202	MTZJ7.5B-T2	ZENER DIODE	
D1253	MTZJ5.6A-T2	ZENER DIODE	
D1254	MTZJ5.6A-T2	ZENER DIODE	
D1255	MTZJ5.6A-T2	ZENER DIODE	
D1256	MTZJ5.6A-T2	ZENER DIODE	
D1341	1SS133-T2	SI. DIODE	
D1401	1N4003-T2	SI. DIODE	
D1402	MTZJ75-T2	ZENER DIODE	
D1510	1SS133-T2	SI. DIODE	
D1541	RH15-T3	SI. DIODE	
D1542	RGP10J-5025-T3	SI. DIODE	
D1543	RGP10J-5025-T3	SI. DIODE	
D1544	RH15-T3	SI. DIODE	
D1561	1SS81-T2	SI. DIODE	
△ D1562	MTZJ7.5S-T2	ZENER DIODE	
D1581	RGP10J-5025-T3	SI. DIODE	
D1582	MTZJ9.1B-T2	ZENER DIODE	

△ Symbol No.	Part No.	Part Name	Description
DIODE			
D1601	1SS133-T2	SI. DIODE	
D1602	1SS133-T2	SI. DIODE	
D1604	MTZJ7.5B-T2	ZENER DIODE	
D1605	1SS133-T2	SI. DIODE	
D1651	MTZJ5.6A-T2	ZENER DIODE	
D1652	MTZJ5.6A-T2	ZENER DIODE	
D1657	MTZJ9.1C-T2	ZENER DIODE	
D1701	1SS133-T2	SI. DIODE	
D1702	1SS133-T2	SI. DIODE	
D1703	1SS133-T2	SI. DIODE	
D1704	1SS133-T2	SI. DIODE	
D1705	MTZJ5.6A-T2	ZENER DIODE	
D1706	SLR-342VR-T16	LED	
D1707	SLR-342DU-T16	LED	
D1771	MTZJ6.2B-T2	ZENER DIODE	
D1772	MTZJ6.2B-T2	ZENER DIODE	
D1801	MTZJ15B-T2	ZENER DIODE	
D1802	MTZJ15B-T2	ZENER DIODE	
D1803	MTZJ15B-T2	ZENER DIODE	
D1805	MTZJ15B-T2	ZENER DIODE	
△ D1901	D2SBA60	BRIDGE DIODE	
D1903	RGP10J-5025-T3	SI. DIODE	
D1905	MTZJ6.8A-T2	ZENER DIODE	
D1921	RGP10J-5025-T3	SI. DIODE	
D1922	RGP10J-5025-T3	SI. DIODE	
D1923	MTZJ15A-T2	ZENER DIODE	
D1924	1SS133-T2	SI. DIODE	
D1927	1SS133-T2	SI. DIODE	
D1928	1SS133-T2	SI. DIODE	
D1929	MTZJ15A-T2	ZENER DIODE	
D1941	RU3AM-LFC4	SI. DIODE	
D1942	RGP10J-5025-T3	SI. DIODE	
D1943	1SS133-T2	SI. DIODE	
D1944	IM-BW	BUS WIRE	
D1945	MTZJ5.6B-T2	ZENER DIODE	
D1948	RGP10J-5025-T3	SI. DIODE	
D1961	MTZJ7.5S-T2	ZENER DIODE	
D1962	1SS133-T2	SI. DIODE	
TRANSISTOR			
Q1101	2SC5083/L-P/-T	SI. TRANSISTOR	
Q1111	DTC124EKA-X	DIGI. TRANSISTOR	
Q1131	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1161	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1201	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1202	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1251	2SC1740S/QR/-T	SI. TRANSISTOR	
Q1301	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1302	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1341	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1342	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1351	2SC4544-LB	POWER TRANSISTOR	
Q1352	2SC4544-LB	POWER TRANSISTOR	
Q1353	2SC4544-LB	POWER TRANSISTOR	
Q1401	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1511	2SC2785/JH/-T	SI. TRANSISTOR	
△ Q1521	BSN304-T	MOS FET	
Q1522	2SD1878-YD	POWER TRANSISTOR	H. OUT
Q1602	DTC323TK-X	DIGI. TRANSISTOR	
Q1603	2SA1037AK/QR/-X	SI. TRANSISTOR	
Q1606	2SA1037AK/QR/-X	SI. TRANSISTOR	
Q1607	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1608	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1651	DTC363TK-X	DIGI. TRANSISTOR	
Q1701	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1702	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1703	DTC124EKA-X	DIGI. TRANSISTOR	
Q1705	DTC124EKA-X	DIGI. TRANSISTOR	
Q1761	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1921	2SA933AS/QR/-T	SI. TRANSISTOR	
Q1941	2SA966/OY/-T	SI. TRANSISTOR	
Q1942	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1943	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1944	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1961	2SA949/Y/Z1-T	SI. TRANSISTOR	
IC			
IC1001	AN78L05-T	IC	
IC1101	M52342SP	IC	
IC1201	TB1230AN	IC	
IC1251	BA7612N	IC	
IC1291	AN78N05	IC	
IC1292	AN78L09-T	IC	

△ Symbol No.	Part No.	Part Name	Description
IC			
IC1293	KIA78L05BP-T	I C	
△ IC1401	LA7840	I C	
IC1541	AN7809F	IC	
△ IC1601	LA4285	IC	
IC1602	SI-5003X-X	IC	
IC1651	LA7016	IC	
IC1701	M37272MAH-505SP	IC(MCU)	
IC1702	L78LR05E-MA	IC	
IC1703	GP1U281Q	IR DETECT UNIT	
IC1704	AT24C02-14F33PH	IC	(SERVICE)
△ IC1921	STR-F6654	IC(HYBRID)	
△ IC1941	SE135N	I C	
OTHERS			
CF1001	LC30114-001C-H	LED HOLDER	
CF1131	QAX0349-001	C TRAP	
CF1161	QAX0639-001Z	C TRAP	
△ CP1941	ICP-N75-Y	I.C. PROTECT	
△ CP1942	ICP-N50-Y	I.C. PROTECT	
EF1301	CE42142-222Z	EMI FILTER	
△ F1901	QMF51E2-3R15J4	FUSE	3.15A
FC1901	CEMG002-001Z	FUSE CLIP	
FC1902	CEMG002-001Z	FUSE CLIP	
△ FR1542	QRZ9023-1R0	F R	1.0 Ω 2W J
△ FR1561	QRZ9017-4R7	F R	4.7 Ω 1/4W J
△ FR1585	QRZ9021-1R5	F R	1.5 Ω 1W J
△ FR1586	QRE121J-332Y	C R	3.3kΩ 1/2W J
△ FR1602	QRZ9023-3R3	F R	3.3 Ω 2W J
△ FR1720	QRZ9017-270	F R	27 Ω 1/4W J
J1001	QNN0348-002	PIN JACK	
J1002	QNN0348-002	PIN JACK	
J1003	CEMN065-001	PIN JACK	
J1004	CEMN065-002	PIN JACK	
J1006	QMS3007-C01	3.5 JACK	
K1401	QQR0621-001Z	FERRITE BEADS	
K1521	IM-BW	BUS WIRE	
K1921	QQR0621-001Z	FERRITE BEADS	
K1922	IM-BW	BUS WIRE	
K1923	QQR0582-001Z	FERRITE BEADS	
K1941	QQR0621-001Z	FERRITE BEADS	
K1942	QQR0582-001Z	FERRITE BEADS	
K1943	QQR0621-001Z	FERRITE BEADS	
△ LF1901	QQR0673-002	LINE FILTER	
△ PC1921	TLP621(GR)-LF2	PHOTO COUPLER	
SF1101	QAX0324-002	SAW FILTER	
△ SK1351	CE42535-001	C R T SOCKET	
S1701	QSW0619-003Z	TACT SWITCH	VOL+
S1702	QSW0619-003Z	TACT SWITCH	VOL-
S1703	QSW0619-003Z	TACT SWITCH	CH+
S1704	QSW0619-003Z	TACT SWITCH	CH-
S1705	QSW0619-003Z	TACT SWITCH	MENU
△ S1901	QSP4K21-C01	PUSH SWITCH	POWER
△ TH1901	QAD0101-9R0	THERMISTOR	
TU1001	QAU0190-002	TUNER	
△ VA1901	ERZV10V621CS	VARISTOR	
X1301	QAX0305-001Z	CRYSTAL	
X1701	QAX0468-001Z	CRYSTAL	or QAX0397-001Z

[AV-21D33/PH]

PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (SGA-1061A)

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1001	NRSA02J-563X	MG R	56kΩ 1/10W J
R1003	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1004	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1005	QRT029J-4R7	MF R	4.7Ω 2W J
R1006	NRSA02J-820X	MG R	82Ω 1/10W J
R1101	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1102	NRSA02J-182X	MG R	1.8kΩ 1/10W J
R1103	QRE121J-101Y	C R	100Ω 1/2W J
R1104	NRSA02J-220X	MG R	22Ω 1/10W J
R1105	NRSA02J-270X	MG R	27Ω 1/10W J
R1111	NRSA02J-394X	MG R	390kΩ 1/10W J
R1112	NRSA02J-334X	MG R	330kΩ 1/10W J
R1113	NRSA02J-101X	MG R	100Ω 1/10W J
R1116	NRSA02J-151X	MG R	150Ω 1/10W J
R1131	NRSA02J-102X	MG R	1kΩ 1/10W J
R1132	NRSA02J-331X	MG R	330Ω 1/10W J
R1133	NRSA02J-102X	MG R	1kΩ 1/10W J
R1134	NRSA02J-271X	MG R	270Ω 1/10W J
R1135	NRSA02J-471X	MG R	470Ω 1/10W J
R1161	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1162	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1163	NRSA02J-103X	MG R	10kΩ 1/10W J
R1164	NRSA02J-102X	MG R	1kΩ 1/10W J
R1165	NRSA02J-273X	MG R	27kΩ 1/10W J
R1166	NRSA02J-103X	MG R	10kΩ 1/10W J
R1167	NRSA02J-102X	MG R	1kΩ 1/10W J
R1168	NRSA02J-101X	MG R	100Ω 1/10W J
R1169	NRSA02J-561X	MG R	560Ω 1/10W J
R1170	NRSA02J-123X	MG R	12kΩ 1/10W J
R1171	NRSA02J-153X	MG R	15kΩ 1/10W J
R1201	NRSA02J-821X	MG R	820Ω 1/10W J
R1202	NRSA02J-102X	MG R	1kΩ 1/10W J
R1203	NRSA02J-821X	MG R	820Ω 1/10W J
R1204	NRSA02J-681X	MG R	680Ω 1/10W J
R1205	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1213	NRSA02J-391X	MG R	390Ω 1/10W J
R1215	NRSA02J-824X	MG R	820kΩ 1/10W J
R1216	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1217	NRSA02J-684X	MG R	680kΩ 1/10W J
R1220	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1251	NRSA02J-750X	MG R	75Ω 1/10W J
R1252	NRSA02J-750X	MG R	75Ω 1/10W J
R1253	NRSA02J-680X	MG R	68Ω 1/10W J
R1254	QRE121J-101Y	C R	100Ω 1/2W J
R1255	NRSA02J-101X	MG R	100Ω 1/10W J
R1301	NRSA02J-102X	MG R	1kΩ 1/10W J
R1303	NRSA02J-223X	MG R	22kΩ 1/10W J
R1304	NRSA02J-223X	MG R	22kΩ 1/10W J
R1307	NRSA02J-103X	MG R	10kΩ 1/10W J
R1308	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1309	NRSA02J-103X	MG R	10kΩ 1/10W J
R1311	NRSA02J-273X	MG R	27kΩ 1/10W J
R1312	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1314	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1341	NRSA02J-121X	MG R	120Ω 1/10W J
R1342	NRSA02J-333X	MG R	33kΩ 1/10W J
R1343	NRSA02J-333X	MG R	33kΩ 1/10W J
R1351	NRSA02J-151X	MG R	150Ω 1/10W J
R1352	NRSA02J-151X	MG R	150Ω 1/10W J
R1353	NRSA02J-151X	MG R	150Ω 1/10W J
R1354	NRSA02J-331X	MG R	330Ω 1/10W J
R1355	NRSA02J-331X	MG R	330Ω 1/10W J
R1356	NRSA02J-331X	MG R	330Ω 1/10W J
R1357	NRSA02J-101X	MG R	100Ω 1/10W J
R1358	NRSA02J-101X	MG R	100Ω 1/10W J
R1359	NRSA02J-101X	MG R	100Ω 1/10W J
R1360	QRZ0107-152Z	C R	1.5kΩ 1/2W K
R1361	QRZ0107-152Z	C R	1.5kΩ 1/2W K
R1362	QRZ0107-152Z	C R	1.5kΩ 1/2W K
R1363	QRL029J-123	OM R	12kΩ 2W J
R1364	QRL029J-123	OM R	12kΩ 2W J
R1365	QRL029J-123	OM R	12kΩ 2W J
R1366	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1367	NRSA02J-272X	MG R	2.7kΩ 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1368	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1401	NRSA02J-103X	MG R	10kΩ 1/10W J
R1402	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1403	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1404	NRSA02J-102X	MG R	1kΩ 1/10W J
R1405	NRSA02J-221X	MG R	220Ω 1/10W J
R1406	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1407	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1408	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1410	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1413	QRE121J-391Y	C R	390Ω 1/2W J
R1414	QRX016J-1R2	MF R	1.2Ω 1W J
R1416	NRSA02J-563X	MG R	56kΩ 1/10W J
R1418	NRSA02J-563X	MG R	56kΩ 1/10W J
R1419	NRSA02J-223X	MG R	22kΩ 1/10W J
R1421	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1422	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1423	NRSA02J-103X	MG R	10kΩ 1/10W J
R1501	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1503	NRSA02J-103X	MG R	10kΩ 1/10W J
R1504	NRSA02J-104X	MG R	100kΩ 1/10W J
R1505	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R1506	NRSA02J-102X	MG R	1kΩ 1/10W J
R1510	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1512	NRSA02J-103X	MG R	10kΩ 1/10W J
R1513	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1514	NRSA02J-333X	MG R	33kΩ 1/10W J
R1521	QRL039J-562	OM R	5.6kΩ 3W J
R1523	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1524	QRE121J-103Y	C R	10kΩ 1/2W J
R1526	QRL029J-152	OM R	1.5kΩ 2W J
R1529	NRSA02J-621X	MG R	620Ω 1/10W J
R1532	QRL039J-472	OM R	4.7kΩ 3W J
R1533	QRE121J-220Y	C R	22Ω 1/2W J
△ R1543	QRT039J-R47	MF R	0.47Ω 3W J
R1544	QRL039J-223	OM R	22kΩ 3W J
△ R1562	QRA14CF-6801Y	MF R	6.8kΩ 1/4W F
△ R1563	QRA14CF-3741Y	MF R	3.74kΩ 1/4W F
R1581	QRE121J-273Y	C R	27kΩ 1/2W J
R1582	QRE121J-393Y	C R	39kΩ 1/2W J
R1584	QRE121J-223Y	C R	22kΩ 1/2W J
R1603	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1605	NRSA02J-391X	MG R	390Ω 1/10W J
R1607	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1609	NRSA02J-391X	MG R	390Ω 1/10W J
R1611	NRSA02J-223X	MG R	22kΩ 1/10W J
R1613	NRSA02J-333X	MG R	33kΩ 1/10W J
R1620	NRSA02J-183X	MG R	18kΩ 1/10W J
R1622	NRSA02J-183X	MG R	18kΩ 1/10W J
R1626	NRSA02J-153X	MG R	15kΩ 1/10W J
R1627	NRSA02J-104X	MG R	100kΩ 1/10W J
R1628	NRSA02J-153X	MG R	15kΩ 1/10W J
R1629	NRSA02J-104X	MG R	100kΩ 1/10W J
R1631	NRSA02J-473X	MG R	47kΩ 1/10W J
R1635	QRE121J-271Y	C R	270Ω 1/2W J
R1636	QRE121J-271Y	C R	270Ω 1/2W J
R1651	NRSA02J-102X	MG R	1kΩ 1/10W J
R1652	NRSA02J-392X	MG R	3.9kΩ 1/10W J
R1653	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1654	NRSA02J-333X	MG R	33kΩ 1/10W J
R1655	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1656	NRVA02D-152X	MF R	1.5kΩ 1/10W D
R1658	NRVA02D-153X	MF R	15kΩ 1/10W D
R1660	NRSA02J-512X	MG R	5.1kΩ 1/10W J
R1669	NRSA02J-471X	MG R	470Ω 1/10W J
R1670	NRSA02J-471X	MG R	470Ω 1/10W J
R1671	NRSA02J-102X	MG R	1kΩ 1/10W J
R1672	NRSA02J-102X	MG R	1kΩ 1/10W J
R1673	NRSA02J-823X	MG R	82kΩ 1/10W J
R1674	NRSA02J-823X	MG R	82kΩ 1/10W J
R1675	NRSA02J-181X	MG R	180Ω 1/10W J
R1676	NRSA02J-181X	MG R	180Ω 1/10W J
R1677	NRSA02J-103X	MG R	10kΩ 1/10W J
R1678	NRSA02J-223X	MG R	22kΩ 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1679	NRSA02J-223X	MG R	22kΩ 1/10W J
R1680	NRSA02J-223X	MG R	22kΩ 1/10W J
R1681	NRSA02J-223X	MG R	22kΩ 1/10W J
R1682	NRSA02J-683X	MG R	68kΩ 1/10W J
R1685	NRSA02J-102X	MG R	1kΩ 1/10W J
R1686	NRSA02J-102X	MG R	1kΩ 1/10W J
R1687	NRSA02J-102X	MG R	1kΩ 1/10W J
R1688	NRSA02J-102X	MG R	1kΩ 1/10W J
R1691	NRSA02J-102X	MG R	1kΩ 1/10W J
R1692	NRSA02J-102X	MG R	1kΩ 1/10W J
R1701	NRSA02J-563X	MG R	56kΩ 1/10W J
R1702	NRSA02J-223X	MG R	22kΩ 1/10W J
R1703	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1704	NRSA02J-103X	MG R	10kΩ 1/10W J
R1705	NRSA02J-102X	MG R	1kΩ 1/10W J
R1706	NRSA02J-823X	MG R	82kΩ 1/10W J
R1707	NRSA02J-103X	MG R	10kΩ 1/10W J
R1708	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1709	NRSA02J-103X	MG R	10kΩ 1/10W J
R1710	NRSA02J-102X	MG R	1kΩ 1/10W J
R1711	NRSA02J-103X	MG R	10kΩ 1/10W J
R1712	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1713	NRSA02J-103X	MG R	10kΩ 1/10W J
R1714	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1715	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1716	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1717	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1718	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1719	NRSA02J-473X	MG R	47kΩ 1/10W J
R1720	NRSA02J-683X	MG R	68kΩ 1/10W J
R1721	NRSA02J-473X	MG R	47kΩ 1/10W J
R1725	NRSA02J-102X	MG R	1kΩ 1/10W J
R1726	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1727	NRSA02J-103X	MG R	10kΩ 1/10W J
R1728	NRSA02J-102X	MG R	1kΩ 1/10W J
R1729	NRSA02J-105X	MG R	1MΩ 1/10W J
R1732	NRSA02J-102X	MG R	1kΩ 1/10W J
R1733	NRSA02J-333X	MG R	33kΩ 1/10W J
R1734	NRSA02J-102X	MG R	1kΩ 1/10W J
R1735	NRSA02J-102X	MG R	1kΩ 1/10W J
R1736	NRSA02J-124X	MG R	120kΩ 1/10W J
R1737	NRSA02J-184X	MG R	180kΩ 1/10W J
R1738	NRSA02J-102X	MG R	1kΩ 1/10W J
R1739	NRSA02J-102X	MG R	1kΩ 1/10W J
R1740	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1741	NRSA02J-102X	MG R	1kΩ 1/10W J
R1742	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1743	NRSA02J-223X	MG R	22kΩ 1/10W J
R1744	NRSA02J-103X	MG R	10kΩ 1/10W J
R1745	NRSA02J-153X	MG R	15kΩ 1/10W J
R1746	NRSA02J-103X	MG R	10kΩ 1/10W J
R1747	NRSA02J-153X	MG R	15kΩ 1/10W J
R1748	NRSA02J-103X	MG R	10kΩ 1/10W J
R1749	NRSA02J-153X	MG R	15kΩ 1/10W J
R1750	NRSA02J-561X	MG R	560Ω 1/10W J
R1751	NRSA02J-561X	MG R	560Ω 1/10W J
R1752	NRSA02J-103X	MG R	10kΩ 1/10W J
R1753	NRSA02J-103X	MG R	10kΩ 1/10W J
R1754	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1755	NRSA02J-103X	MG R	10kΩ 1/10W J
R1756	NRSA02J-103X	MG R	10kΩ 1/10W J
R1757	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1758	NRSA02J-223X	MG R	22kΩ 1/10W J
R1759	NRSA02J-103X	MG R	10kΩ 1/10W J
R1765	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R1766	NRSA02J-102X	MG R	1kΩ 1/10W J
R1771	NRSA02J-221X	MG R	220Ω 1/10W J
R1772	NRSA02J-221X	MG R	220Ω 1/10W J
R1781	NRSA02J-681X	MG R	680Ω 1/10W J
R1782	NRSA02J-681X	MG R	680Ω 1/10W J
R1783	NRSA02J-221X	MG R	220Ω 1/10W J
R1784	NRSA02J-221X	MG R	220Ω 1/10W J
R1801	NRSA02J-221X	MG R	220Ω 1/10W J
R1802	NRSA02J-221X	MG R	220Ω 1/10W J
R1803	NRSA02J-221X	MG R	220Ω 1/10W J
R1811	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1812	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1813	NRSA02J-0R0X	MG R	0.0Ω 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1815	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1816	NRSA02J-103X	MG R	10kΩ 1/10W J
△ R1901	QRF104K-3R9	UNF R	3.9Ω 10W K
R1902	QRL039J-393	OM R	39kΩ 3W J
R1910	QRE121J-564Y	C R	560kΩ 1/2W J
R1911	QRE121J-183Y	C R	18kΩ 1/2W J
R1921	QRE121J-681Y	C R	680Ω 1/2W J
R1922	QRM059J-R22	MP R	0.22Ω 5W J
R1923	QRT029J-R39	MF R	0.39Ω 2W J
R1924	QRE121J-103Y	C R	10kΩ 1/2W J
R1925	QRE121J-102Y	C R	1kΩ 1/2W J
R1926	QRE121J-152Y	C R	1.5kΩ 1/2W J
R1929	QRE121J-332Y	C R	3.3kΩ 1/2W J
R1932	QRE121J-4R7Y	C R	4.7Ω 1/2W J
R1942	NRSA02J-223X	MG R	22kΩ 1/10W J
R1943	QRE121J-152Y	C R	1.5kΩ 1/2W J
R1944	NRSA02J-103X	MG R	10kΩ 1/10W J
R1945	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1946	NRSA02J-123X	MG R	12kΩ 1/10W J
R1947	QRE121J-470Y	C R	47Ω 1/2W J
R1948	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1949	NRSA02J-153X	MG R	15kΩ 1/10W J
R1950	NRSA02J-103X	MG R	10kΩ 1/10W J
R1951	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1952	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1959	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1961	QRT029J-1R8	MF R	1.8Ω 2W J
R1962	QRT029J-1R8	MF R	1.8Ω 2W J
R1964	QRE121J-272Y	C R	2.7kΩ 1/2W J
R1965	QRE121J-473Y	C R	47kΩ 1/2W J
R1966	NRSA02J-223X	MG R	22kΩ 1/10W J
R1967	QRG01GJ-681	OM R	680Ω 1W J
△ R1981	QRZ0057-825	C R	8.2MΩ 1W J
CAPACITOR			
C1001	QETN1HM-106Z	E CAP.	10μF 50V M
C1007	QETN1CM-477Z	E CAP.	470μF 16V M
C1008	QETN1CM-107Z	E CAP.	100μF 16V M
C1009	QETN1CM-107Z	E CAP.	100μF 16V M
C1011	NCB21HK-103X	C CAP.	0.01μF 50V K
C1101	NCB21HK-103X	C CAP.	0.01μF 50V K
C1102	NCB21HK-103X	C CAP.	0.01μF 50V K
C1103	NDC21HJ-680X	C CAP.	680pF 50V J
C1104	NCB21HK-103X	C CAP.	0.01μF 50V K
C1105	NCB21HK-103X	C CAP.	0.01μF 50V K
C1111	QETN1EM-476Z	E CAP.	47μF 25V M
C1112	NCB21HK-103X	C CAP.	0.01μF 50V K
C1113	NCB21HK-103X	C CAP.	0.01μF 50V K
C1114	NCB21HK-103X	C CAP.	0.01μF 50V K
C1116	QFV71HJ-224Z	MF CAP.	0.22μF 50V J
C1117	QETN1EM-476Z	E CAP.	47μF 25V M
C1118	NCB21HK-103X	C CAP.	0.01μF 50V K
C1119	NDC21HJ-681X	C CAP.	680pF 50V J
C1120	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1123	NCB21HK-103X	C CAP.	0.01μF 50V K
C1124	NCB21HK-103X	C CAP.	0.01μF 50V K
C1161	QETN1HM-106Z	E CAP.	10μF 50V M
C1163	NDC21HJ-470X	C CAP.	47pF 50V J
C1164	NDC21HJ-470X	C CAP.	47pF 50V J
C1165	NCB21HK-103X	C CAP.	0.01μF 50V K
C1166	NCB21HK-103X	C CAP.	0.01μF 50V K
C1202	QETN1CM-107Z	E CAP.	100μF 16V M
C1207	NCB21HK-104X	C CAP.	0.1μF 50V K
C1208	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1209	QETN1CM-227Z	E CAP.	220μF 16V M
C1210	NCB21HK-103X	C CAP.	0.01μF 50V K
C1211	NDC21HJ-681X	C CAP.	680pF 50V J
C1212	NCB21HK-104X	C CAP.	0.1μF 50V K
C1213	QETN1HM-105Z	E CAP.	1μF 50V M
C1214	NCB21HK-104X	C CAP.	0.1μF 50V K
C1215	QETN1HM-106Z	E CAP.	10μF 50V M
C1251	QENC1HM-106Z	BP E CAP.	10μF 50V M
C1252	QETN1HM-106Z	E CAP.	10μF 50V M
C1254	QETN1CM-477Z	E CAP.	470μF 16V M
C1255	QETN1HM-106Z	E CAP.	10μF 50V M
C1256	QETN1CM-227Z	E CAP.	220μF 16V M
C1291	QETN1CM-107Z	E CAP.	100μF 16V M
C1292	QETN1CM-107Z	E CAP.	100μF 16V M

△ Symbol No.	Part No.	Part Name	Description
CAPACITOR			
C1294	QETN1CM-107Z	E CAP.	100μF 16V M
C1296	QETN1CM-107Z	E CAP.	100μF 16V M
C1301	NDC21HJ-150X	C CAP.	150pF 50V J
C1302	NDC21HJ-150X	C CAP.	150pF 50V J
C1303	NDC21HJ-120X	C CAP.	120pF 50V J
C1304	NCB21HK-103X	C CAP.	0.01μF 50V K
C1305	NDC21HJ-120X	C CAP.	120pF 50V J
C1306	QETN1EM-476Z	E CAP.	47μF 25V M
C1307	NCB21HK-103X	C CAP.	0.01μF 50V K
C1308	NCB21HK-104X	C CAP.	0.1μF 50V K
C1309	NCB21HK-104X	C CAP.	0.1μF 50V K
C1311	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1312	NCB21HK-103X	C CAP.	0.01μF 50V K
C1313	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1342	QETN1HM-335Z	E CAP.	3.3μF 50V M
C1354	NDC21HJ-271X	C CAP.	270pF 50V J
C1355	NDC21HJ-271X	C CAP.	270pF 50V J
C1356	NDC21HJ-331X	C CAP.	330pF 50V J
C1357	QETN1CM-107Z	E CAP.	100μF 16V M
△ C1382	QCZ0121-102	C CAP.	1000pF 3kV Z
C1401	QETN1HM-105Z	E CAP.	1μF 50V M
C1402	QETN1HM-105Z	E CAP.	1μF 50V M
C1403	QEM61EK-225Z	E CAP.	2.2μF 25V K
C1405	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1406	QFLC1HJ-472Z	M CAP.	4700pF 50V J
C1410	QETN1VM-107Z	E CAP.	100μF 35V M
C1411	QETN1VM-477Z	E CAP.	470μF 35V M
C1412	QFLB2AK-154	M CAP.	0.15μF 100V K
C1413	QETN1EM-108Z	E CAP.	1000μF 25V M
C1414	QETN1HM-105Z	E CAP.	1μF 50V M
C1415	QFLC1HJ-152Z	M CAP.	1500pF 50V J
C1416	NDC21HJ-681X	C CAP.	680pF 50V J
C1501	QETN1CM-107Z	E CAP.	100μF 16V M
C1503	NCB21HK-103X	C CAP.	0.01μF 50V K
C1505	NCB21HK-103X	C CAP.	0.01μF 50V K
C1506	NCB21HK-103X	C CAP.	0.01μF 50V K
C1507	QETN1HM-105Z	E CAP.	1μF 50V M
C1511	QETN1HM-106Z	E CAP.	10μF 50V M
C1521	QCB32HK-151Z	C CAP.	150pF 500V K
C1522	QCB32HK-331Z	C CAP.	330pF 500V K
C1523	QETN2CM-105Z	E CAP.	1μF 160V M
△ C1524	QFZ0198-782	MPP CAP.	7800pF 1.5kVH±3%
△ C1525	QFZ0119-434	MPP CAP.	0.43μF 200V ±3%
△ C1526	QE20203-476	E CAP.	47μF 160V M
C1541	QETN2EM-106Z	E CAP.	10μF 250V M
C1543	QETN1VM-477Z	E CAP.	470μF 35V M
C1546	QETN1CM-227Z	E CAP.	220μF 16V M
C1547	QETN1CM-227Z	E CAP.	220μF 16V M
C1561	QETN1VM-107Z	E CAP.	100μF 35V M
C1581	QFLC1HJ-473Z	M CAP.	0.047μF 50V J
C1583	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1584	QFLC2AJ-103Z	M CAP.	0.01μF 100V J
C1603	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
C1604	QENC1HM-474Z	E CAP.	0.47μF 50V M
C1606	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
C1607	QENC1HM-474Z	E CAP.	0.47μF 50V M
C1609	QETN1CM-107Z	E CAP.	100μF 16V M
C1613	QETN1CM-108Z	E CAP.	1000μF 16V M
C1615	QETN1CM-477Z	E CAP.	470μF 16V M
C1617	QETN1CM-477Z	E CAP.	470μF 16V M
C1622	QETN1HM-105Z	E CAP.	1μF 50V M
C1623	QENC1HM-474Z	E CAP.	0.47μF 50V M
C1624	QENC1HM-474Z	E CAP.	0.47μF 50V M
C1631	QETN1EM-477Z	E CAP.	470μF 25V M
C1637	NCB21HK-332X	C CAP.	3300pF 50V K
C1638	NCB21HK-332X	C CAP.	3300pF 50V K
C1651	NCB21HK-103X	C CAP.	0.01μF 50V K
C1652	QETN1CM-107Z	E CAP.	100μF 16V M
C1653	QETN1EM-476Z	E CAP.	47μF 25V M
C1654	NCB21HK-104X	C CAP.	0.1μF 50V K
C1655	QENC1HM-475Z	E CAP.	4.7μF 50V M
C1656	QENC1HM-105Z	E CAP.	1μF 50V M
C1657	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1658	NCB21HK-473X	C CAP.	0.047μF 50V K
C1659	QETN1HM-474Z	E CAP.	0.47μF 50V M
C1660	NCB21HK-104X	C CAP.	0.1μF 50V K
C1661	NCB21HK-104X	C CAP.	0.1μF 50V K
C1662	QBTC1CK-335Z	TAN. CAP.	3.3μF 16V K
C1663	QETN1HM-105Z	E CAP.	1μF 50V M

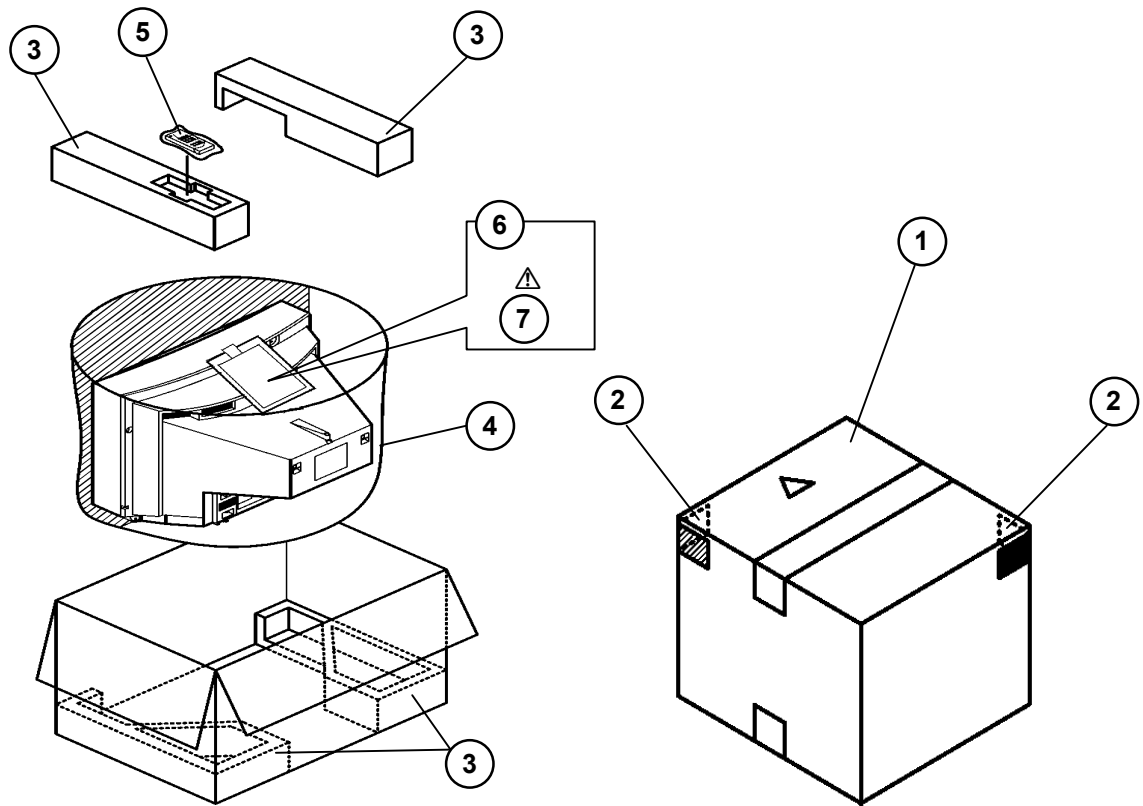
△ Symbol No.	Part No.	Part Name	Description
CAPACITOR			
C1664	QBTC1CK-106Z	TAN. CAP.	10μF 16V K
C1665	QETN1HM-105Z	E CAP.	1μF 50V M
C1666	QETN1HM-105Z	E CAP.	1μF 50V M
C1667	QETN1HM-336Z	E CAP.	33μF 50V M
C1668	QETN1HM-105Z	E CAP.	1μF 50V M
C1671	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1672	NCB21HK-222X	C CAP.	2200pF 50V K
C1673	NCB21HK-104X	C CAP.	0.1μF 50V K
C1674	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1675	NCB21HK-222X	C CAP.	2200pF 50V K
C1676	NCB21HK-104X	C CAP.	0.1μF 50V K
C1677	NCB21HK-223X	C CAP.	0.022μF 50V K
C1679	QETN1HM-105Z	E CAP.	1μF 50V M
C1682	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1683	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1684	QETN1HM-106Z	E CAP.	10μF 50V M
C1685	QETN1HM-106Z	E CAP.	10μF 50V M
C1686	QETN1HM-106Z	E CAP.	10μF 50V M
C1691	QETN1HM-106Z	E CAP.	10μF 50V M
C1692	QETN1HM-106Z	E CAP.	10μF 50V M
C1693	NCB21HK-332X	C CAP.	3300pF 50V K
C1694	NCB21HK-332X	C CAP.	3300pF 50V K
C1701	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
C1703	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
C1704	NCB21HK-102X	C CAP.	1000pF 50V K
C1706	QETN1AM-227Z	E CAP.	220μF 10V M
C1707	NCB21HK-103X	C CAP.	0.01μF 50V K
C1708	QETN1HM-106Z	E CAP.	10μF 50V M
C1711	NDC21HJ-151X	C CAP.	150pF 50V J
C1712	NCB21HK-104X	C CAP.	0.1μF 50V K
C1713	QETN1HM-105Z	E CAP.	1μF 50V M
C1714	NDC21HJ-221X	C CAP.	220pF 50V J
C1715	NCB21HK-102X	C CAP.	1000pF 50V K
C1716	QENC1HM-474Z	E CAP.	0.47μF 50V M
C1717	NDC21HJ-180X	C CAP.	180pF 50V J
C1718	NDC21HJ-220X	C CAP.	220pF 50V J
C1719	QETN1CM-107Z	E CAP.	100μF 16V M
C1720	NCB21HK-104X	C CAP.	0.1μF 50V K
C1723	NDC21HJ-151X	C CAP.	150pF 50V J
C1724	QETN1HM-105Z	E CAP.	1μF 50V M
C1725	NDC21HJ-151X	C CAP.	150pF 50V J
C1727	NCB21HK-103X	C CAP.	0.01μF 50V K
C1733	QETN1EM-476Z	E CAP.	47μF 25V M
C1734	NCB21HK-104X	C CAP.	0.1μF 50V K
C1735	NCB21HK-103X	C CAP.	0.01μF 50V K
C1736	QETN1CM-107Z	E CAP.	100μF 16V M
C1738	QETN1EM-476Z	E CAP.	47μF 25V M
C1742	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1765	NDC21HJ-101X	C CAP.	100pF 50V J
C1771	QETN1EM-476Z	E CAP.	47μF 25V M
C1772	NCB21HK-103X	C CAP.	0.01μF 50V K
C1805	QETN1CM-227Z	E CAP.	220μF 16V M
C1806	NCB21HK-103X	C CAP.	0.01μF 50V K
C1811	NCB21HK-103X	C CAP.	0.01μF 50V K
C1812	NCB21HK-103X	C CAP.	0.01μF 50V K
C1813	NCB21HK-103X	C CAP.	0.01μF 50V K
△ C1901	QFZ9040-104	MF CAP.	0.1μFAC275V M
△ C1902	QFZ9040-104	MF CAP.	0.1μFAC275V M
△ C1903	QCZ9078-472	C CAP.	4700pFAC250V M
△ C1904	QCZ9078-472	C CAP.	4700pFAC250V M
△ C1905	QCZ9078-472	C CAP.	4700pFAC250V M
△ C1906	QE20199-127	E CAP.	120μF 400V M
C1921	QCZ0325-102	C CAP.	1000pF 2kV K
C1922	QCS31HJ-471Z	C CAP.	470pF 50V J
C1924	QETN1VM-107Z	E CAP.	100μF 35V M
C1925	QFLC1HJ-102Z	M CAP.	1000pF 50V J
C1926	QFLC1HJ-182Z	M CAP.	1800pF 50V J
C1928	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1931	QCZ0122-391	C CAP.	390pF 2kV K
C1941	QCZ0122-471	C CAP.	470pF 2kV K
△ C1942	QE20203-107	E CAP.	100μF 160V M
C1943	QCB32HK-471Z	C CAP.	470pF 500V K
C1944	QETN1EM-108Z	E CAP.	1000μF 25V M
C1945	QETN1EM-227Z	E CAP.	220μF 25V M
C1946	QETN1EM-107Z	E CAP.	100μF 25V M
C1947	QETN1HM-106Z	E CAP.	10μF 50V M
C1952	QETN1EM-108Z	E CAP.	1000μF 25V M
C1953	QCZ0122-471	C CAP.	470pF 2kV K
C1957	NDC21HJ-471X	C CAP.	470pF 50V J
C1961	QETN1CM-107Z	E CAP.	100μF 16V M

△ Symbol No.	Part No.	Part Name	Description
CAPACITOR			
C1962	QETN1EM-476Z	E CAP.	47μF 25V M
△ C1981	QCZ9079-471	C CAP.	470pFAC250V K
△ C1982	QCZ9079-102	C CAP.	1000pFAC250V M
△ C1983	QCZ9079-471	C CAP.	470pFAC250V K
C1984	QETN1VM-337Z	E CAP.	330μF 35V M
TRANSFORMER			
T1111	CELT001-209J3	CW TRANSF	or CELT001-209J2
T1521	CE42034-001	HOR DRIVE TRANS	
△ T1522	QQH0030-002	F.B. TRANSF.	
△ T1921	CETS109-001JK	SW TRANSF.	
COIL			
L1001	QQL03BJ-150Z	COIL	15μH J
L1003	QQL03BJ-4R7Z	COIL	4.7μH J
L1101	QQLZ014-R22	INDUCTOR	
L1113	IM-BW	BUS WIRE	
L1131	QQL03BJ-150Z	COIL	15μH J
L1161	QQL03BJ-220Z	COIL	22μH J
L1201	IM-BW	BUS WIRE	
L1205	QQL03BJ-4R7Z	COIL	4.7μH J
L1301	QQL03BJ-390Z	COIL	39μH J
L1381	QQL03BJ-390Z	COIL	39μH J
L1501	QQL03BJ-4R7Z	COIL	4.7μH J
L1701	QQL03BJ-4R7Z	COIL	4.7μH J
L1702	QQL03BJ-4R7Z	COIL	4.7μH J
L1708	QQL03BJ-560Z	COIL	56μH J
L1771	QQL03BJ-4R7Z	COIL	4.7μH J
L1941	QQL26AK-820Z	COIL	82μH K
L1942	QQL26AK-820Z	COIL	82μH K
DIODE			
D1001	MTZJ33A-T2	ZENER DIODE	
D1201	1SS133-T2	SI DIODE	
D1202	MTZJ7.5B-T2	ZENER DIODE	
D1251	MTZJ9.1C-T2	ZENER DIODE	
D1253	MTZJ5.6A-T2	ZENER DIODE	
D1254	MTZJ5.6A-T2	ZENER DIODE	
D1255	MTZJ5.6A-T2	ZENER DIODE	
D1256	MTZJ5.6A-T2	ZENER DIODE	
D1257	MTZJ9.1C-T2	ZENER DIODE	
D1341	1SS133-T2	SI DIODE	
D1401	1N4003-T2	SI DIODE	
D1402	MTZJ75-T2	ZENER DIODE	
D1510	1SS133-T2	SI DIODE	
D1541	RH1S-T3	SI DIODE	
D1542	RGPI0J-5025-T3	SI DIODE	
D1543	RGPI0J-5025-T3	SI DIODE	
D1544	RH1S-T3	SI DIODE	
D1561	1SS81-T2	SI DIODE	
△ D1562	MTZJ7.5S-T2	ZENER DIODE	
D1581	RGPI0J-5025-T3	SI DIODE	
D1582	MTZJ9.1B-T2	ZENER DIODE	
D1631	1SS133-T2	SI DIODE	
D1632	1SS133-T2	SI DIODE	
D1633	1SS133-T2	SI DIODE	
D1634	1SS133-T2	SI DIODE	
D1656	MTZJ9.1C-T2	ZENER DIODE	
D1657	MTZJ9.1C-T2	ZENER DIODE	
D1691	MTZJ9.1C-T2	ZENER DIODE	
D1692	MTZJ9.1C-T2	ZENER DIODE	
D1701	1SS133-T2	SI DIODE	
D1702	1SS133-T2	SI DIODE	
D1704	1SS133-T2	SI DIODE	
D1705	MTZJ5.6A-T2	ZENER DIODE	
D1706	SLR-342VR-T16	LED	
D1707	SLR-342DU-T16	LED	
D1771	MTZJ6.2B-T2	ZENER DIODE	
D1772	MTZJ6.2B-T2	ZENER DIODE	
D1801	MTZJ15B-T2	ZENER DIODE	
D1802	MTZJ15B-T2	ZENER DIODE	
D1803	MTZJ15B-T2	ZENER DIODE	
D1805	MTZJ15B-T2	ZENER DIODE	
△ D1901	D2SBA60	BRIDGE DIODE	
D1903	RGPI0J-5025-T3	SI DIODE	
D1905	MTZJ6.8A-T2	ZENER DIODE	
D1921	RGPI0J-5025-T3	SI DIODE	
D1922	RGPI0J-5025-T3	SI DIODE	
D1923	MTZJ15A-T2	ZENER DIODE	
D1924	1SS133-T2	SI DIODE	

△ Symbol No.	Part No.	Part Name	Description
DIODE			
D1927	1SS133-T2	SI DIODE	
D1928	1SS133-T2	SI DIODE	
D1929	MTZJ15A-T2	ZENER DIODE	
D1941	RU3AM-LFC4	SI DIODE	
D1942	RGPI0J-5025-T3	SI DIODE	
D1943	1SS133-T2	SI DIODE	
D1944	IM-BW	BUS WIRE	
D1945	MTZJ5.6B-T2	ZENER DIODE	
D1948	RGPI0J-5025-T3	SI DIODE	
D1961	MTZJ7.5S-T2	ZENER DIODE	
D1962	1SS133-T2	SI DIODE	
TRANSISTOR			
Q1101	2SC5083/L-P/-T	SI TRANSISTOR	
Q1111	DTC124EKA-X	DIGI. TRANSISTOR	
Q1131	2SC2412K/QR/-X	SI TRANSISTOR	
Q1161	2SC2412K/QR/-X	SI TRANSISTOR	
Q1201	2SC2412K/QR/-X	SI TRANSISTOR	
Q1202	2SC2412K/QR/-X	SI TRANSISTOR	
Q1251	2SC1740S/QR/-T	SI TRANSISTOR	
Q1301	2SC2412K/QR/-X	SI TRANSISTOR	
Q1302	2SC2412K/QR/-X	SI TRANSISTOR	
Q1341	2SC2412K/QR/-X	SI TRANSISTOR	
Q1342	2SC2412K/QR/-X	SI TRANSISTOR	
Q1351	2SC4544-LB	POWER TRANSISTOR	
Q1352	2SC4544-LB	POWER TRANSISTOR	
Q1353	2SC4544-LB	POWER TRANSISTOR	
Q1401	2SC2412K/QR/-X	SI TRANSISTOR	
Q1521	BSN304-T	MOS FET	
△ Q1522	2SD1878-YD	POWER TRANSISTOR	H. OUT
Q1511	2SC2785/JH/-T	SI TRANSISTOR	
Q1601	2SC2412K/QR/-X	SI TRANSISTOR	
Q1603	DTC323TK-X	DIGI. TRANSISTOR	
Q1604	DTC323TK-X	DIGI. TRANSISTOR	
Q1605	DTC323TK-X	DIGI. TRANSISTOR	
Q1631	2SA1037AK/QR/-X	SI TRANSISTOR	
Q1651	DTC323TK-X	DIGI. TRANSISTOR	
Q1652	DTC323TK-X	DIGI. TRANSISTOR	
Q1653	DTC323TK-X	DIGI. TRANSISTOR	
Q1654	DTC323TK-X	DIGI. TRANSISTOR	
Q1701	2SC2412K/QR/-X	SI TRANSISTOR	
Q1702	2SC2412K/QR/-X	SI TRANSISTOR	
Q1703	DTC124EKA-X	DIGI. TRANSISTOR	
Q1705	DTC124EKA-X	DIGI. TRANSISTOR	
Q1761	2SC2412K/QR/-X	SI TRANSISTOR	
Q1921	2SA933AS/QR/-T	SI TRANSISTOR	
Q1941	2SA966/OY/-T	SI TRANSISTOR	
Q1942	2SC2412K/QR/-X	SI TRANSISTOR	
Q1943	2SC2412K/QR/-X	SI TRANSISTOR	
Q1944	2SC2412K/QR/-X	SI TRANSISTOR	
Q1961	2SA949/Y/Z1-T	SI TRANSISTOR	
IC			
IC1001	AN78L05-T	IC	
IC1101	M52342SP	IC	
IC1201	TB1230AN	IC	
IC1251	BA7612N	IC	
IC1291	AN78N05	IC	
IC1292	AN78L09-T	IC	
IC1293	KIA78L05BP-T	I C	
△ IC1401	LA7840	I C	
IC1541	AN7809F	IC	
△ IC1601	LA4485	I C	
IC1651	UPC1851BCU	IC	
IC1701	M37272MAH-505SP	IC(MCU)	
IC1702	L78LR05E-MA	IC	
IC1703	GP1U281Q	IR DETECT UNIT	
IC1704	AT24C02-14F33PH	IC	(SERVICE)
△ IC1921	STR-F6654	IC(HYBRID)	
△ IC1941	SE135N	I C	
OTHERS			
CF1001	LC30114-001C-H	LED HOLDER	
CF1131	QAX0349-001	C TRAP	
CF1161	QAX0639-001Z	C TRAP	
CF1161	QAX0642-001Z	C FILTER	
△ CP1941	ICP-N75-Y	I.C. PROTECT	
△ CP1942	ICP-N50-Y	I.C. PROTECT	
EF1301	CE42142-222Z	EMI FILTER	
△ F1901	QMF51E2-3R15J4	FUSE	3.15A
FC1901	CEMG002-001Z	FUSE CLIP	

△ Symbol No.	Part No.	Part Name	Description
OTHERS			
FC1902	CEMG002-001Z	FUSE CLIP	
△ FR1542	QRZ9023-1R0	F R	1.0 Ω 2W J
△ FR1561	QRZ9017-4R7	F R	4.7 Ω 1/4W J
△ FR1585	QRZ9021-1R5	F R	1.5 Ω 1W J
△ FR1586	QRE121J-332Y	C R	3.3kΩ 1/2W J
△ FR1621	QRZ9023-1R5	F R	1.5 Ω 2W J
△ FR1720	QRZ9017-270	F R	27 Ω 1/4W J
J1001	QNN0349-001	PIN JACK	
J1002	QNN0349-001	PIN JACK	
J1003	CEMN065-001	PIN JACK	or QNN0281-003
J1004	CEMN065-002	PIN JACK	or QNN0281-002
J1005	CEMN072-003	PIN JACK	or QNN0282-001
J1006	QNS0155-001	3.5 JACK	
K1401	QQR0621-001Z	FERRITE BEADS	
K1521	IM-BW	BUS WIRE	
K1921	QQR0621-001Z	FERRITE BEADS	
K1922	IM-BW	BUS WIRE	
K1923	QQR0582-001Z	FERRITE BEADS	
K1941	QQR0621-001Z	FERRITE BEADS	
K1942	QQR0582-001Z	FERRITE BEADS	
K1943	QQR0621-001Z	FERRITE BEADS	
△ LF1901	QQR0673-002	LINE FILTER	
△ PC1921	TLP621(GR)-LF2	PHOTO COUPLER	
SF1101	QAX0324-002	SAW FILTER	
△ SK1351	CE42535-001	C R T SOCKET	
S1701	QSW0619-003Z	TACT SWITCH	VOL+
S1702	QSW0619-003Z	TACT SWITCH	VOL-
S1703	QSW0619-003Z	TACT SWITCH	CH+
S1704	QSW0619-003Z	TACT SWITCH	CH-
S1705	QSW0619-003Z	TACT SWITCH	MENU
△ S1901	QSP4K21-C01	PUSH SWITCH	POWER
△ TH1901	QAD0101-9R0	THERMISTOR	
TU1001	QAU0190-002	TUNER	
△ VA1901	ERZV10V621CS	VARISTOR	
X1301	QAX0305-001Z	CRYSTAL	
X1701	QAX0468-001Z	CRYSTAL	or QAX0397-001Z

PACKING



PACKING PARTS LIST

[AV-21D13/PH]

△ Ref.No.	Part No.	Part Name	Description
1	GG10056-076A-H	PACKING CASE	2pcs in 1set 4pcs in 1set or CP30967-005-H
2	GG20025-001A-H	CORNER LABEL	
3	GG10131-004A-H	CUSHION ASSY	
4	CP30967-003-H	POLY BAG	
5	RM-C372GY-1H	REMOCON UNIT	
6	QPA02503505P	POLY BAG	
△ 7	LCT1205-001A-H	INST BOOK	

[AV-21D33/PH]

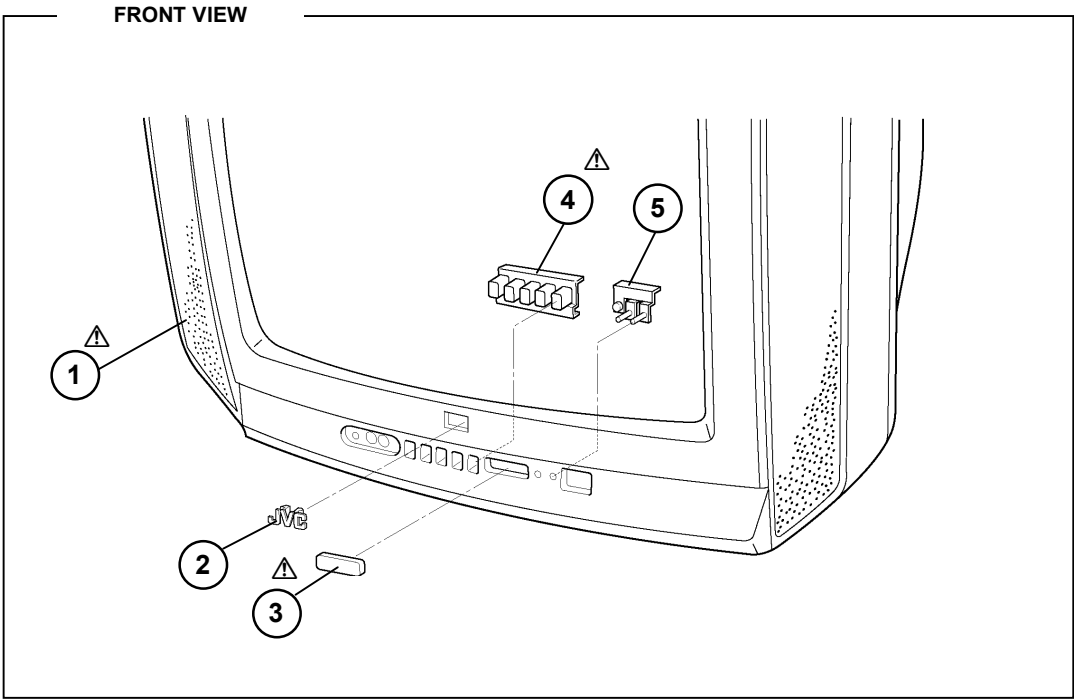
△ Ref.No.	Part No.	Part Name	Description
1	GG10056-078A-H	PACKING CASE	2pcs in 1set 4pcs in 1set or CP30967-005-H
2	GG20025-001A-H	CORNER LABEL	
3	GG10131-004A-H	CUSHION ASSY	
4	CP30967-003-H	POLY BAG	
5	RM-C373GY-1H	REMOCON UNIT	
6	QPA02503505P	POLY BAG	
△ 7	LCT1205-001A-H	INST BOOK	

EXPLODED VIEW PARTS LIST

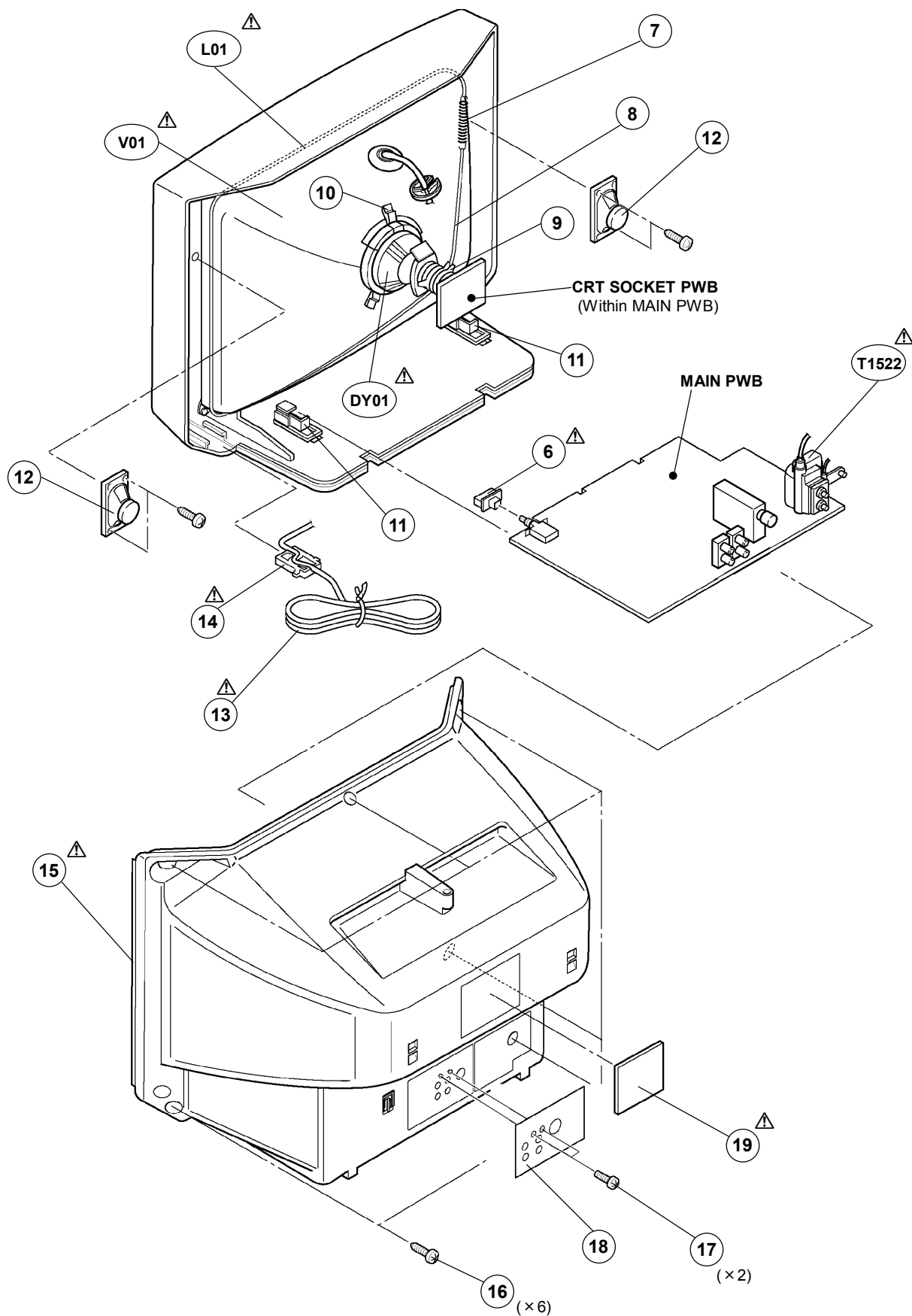
[AV-20N13/PH]

△ Ref.No.	Part No.	Part Name	Description
△ 1	LC10438-030A-H	FRONT CABINET	
2	CM48006-007-C	JVC MARK	
△ 3	LC30664-001B-H	REMOCON WINDOW	
△ 4	LC20318-003A-H	CONTROL KNOB	
5	LC30665-001A-H	REMOCON LENS	
△ V01	A48KXR064X	PICTURE TUBE	
△ DY01	QQD0032-001	DEF YOKE	
△ L01	QQW0061-001	DEG COIL	
△ T1522	QQH0030-002	F.B. TRANSF.	
△ 6	LC30663-003A-H	POWER KNOB	
7	A48457-1	SPRING	
8	WJY0008-002A	E-BRAIDED ASSY	
9	A75034-B	PC MAGNET	or CE42378-00B
10	CE40764-00A	WEDGE ASSY	(x3)
11	CM36623-B01-H	CHASSIS RAIL	(x2)
12	CEBSS12D-07KJ2	SPEAKER	(x2) SP01-02
△ 13	QMPR010-200-E2	POWER CORD	or QMPR010-200-K2
△ 14	CM47005-A01-H	POWER CORD CLAMP	
△ 15	LC10448-003A-HK	REAR COVER	
16	QYSBSFG4016Z	TAP SCREW	(x6)
17	QYSBSF3010Z	TAP SCREW	(x2)
△ 18	GG30058-002A-H	TERMINAL SHEET	
△ 19	GG20024-001A-H	RATING LABEL	

EXPLODED VIEW



EXPLODED VIEW

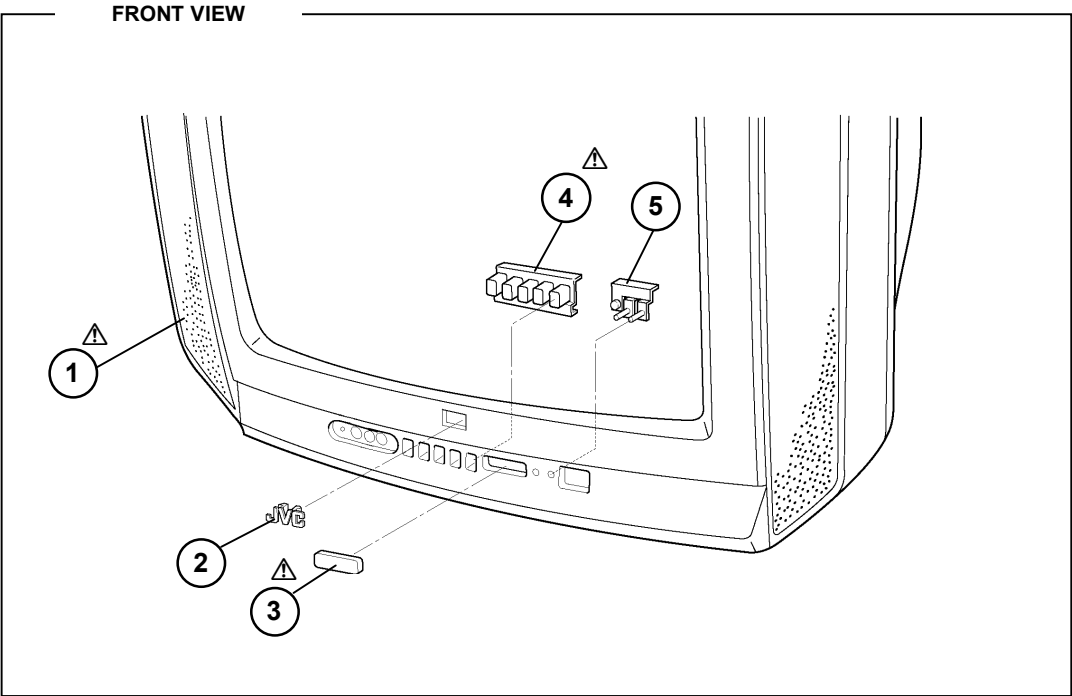


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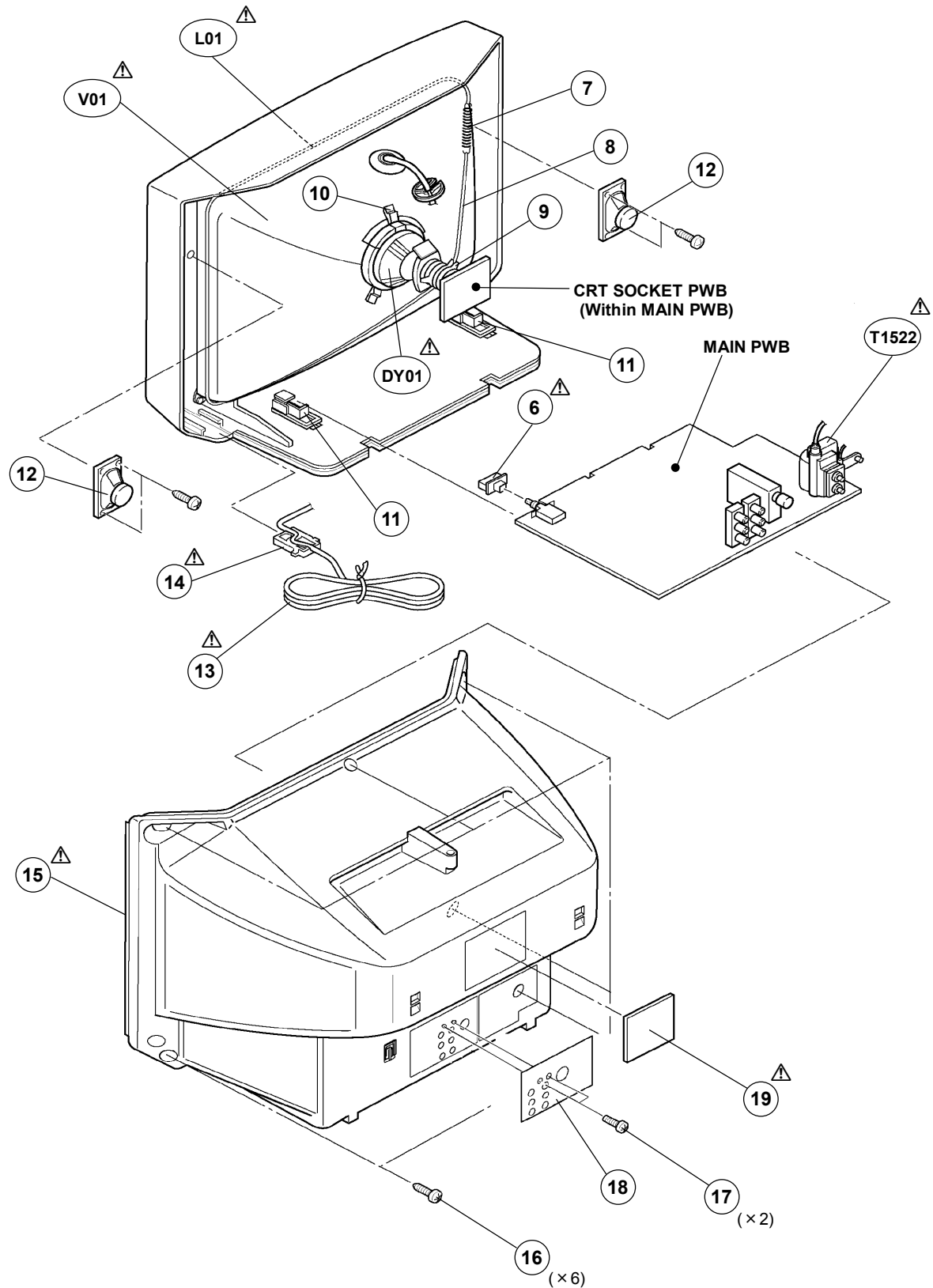
[AV-20N33/PH]

△ Ref.No.	Part No.	Part Name	Description
△ 1	LC10438-031A-H	FRONT CABINET	
2	CM48006-007-C	JVC MARK	
△ 3	LC30664-001B-H	REMOCON WINDOW	
△ 4	LC20318-003A-H	CONTROL KNOB	
5	LC30665-001A-H	REMOCON LENS	
△ V01	A48KXR064X	PICTURE TUBE	
△ DY01	QQD0032-001	DEF YOKE	
△ L01	QQW0061-001	DEG COIL	
△ T1522	QQH0030-002	F.B. TRANSF.	
△ 6	LC30663-003A-H	POWER KNOB	
7	A48457-1	SPRING	
8	WJY0008-002A	E-BRAIDED ASSY	
9	A75034-B	PC MAGNET	or CE42378-00B
10	CE40764-00A	WEDGE ASSY	(x3)
11	CM36623-B01-H	CHASSIS RAIL	(x2)
12	CEBSS12D-04KJ2	SPEAKER	(x2) SP01-02
△ 13	QMPR010-200-E2	POWER CORD	or QMPR010-200-K2
△ 14	CM47005-A01-H	POWER CORD CLAM	
△ 15	LC10448-003A-HK	REAR COVER	
16	QYSBSFG4016Z	TAP SCREW	(x6)
17	QYSBSF3010Z	TAP SCREW	(x2)
△ 18	GG30058-001A-H	TERMINAL SHEET	
△ 19	GG20024-001A-H	RATING LABEL	

EXPLODED VIEW



EXPLODED VIEW



[AV-20N13/PH]

PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (SGA-1064A)

Symbol No.	Part No.	Part Name	Description
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RESISTOR

R1001	NRSA02J-563X	MG R	56kΩ 1/10W J
R1003	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1004	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1005	QRT029J-4R7	MF R	4.7Ω 2W J
R1006	NRSA02J-820X	MG R	82Ω 1/10W J
R1101	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1102	NRSA02J-182X	MG R	1.8kΩ 1/10W J
R1103	QRE121J-101Y	C R	100Ω 1/2W J
R1104	NRSA02J-220X	MG R	22Ω 1/10W J
R1105	NRSA02J-270X	MG R	27Ω 1/10W J
R1111	NRSA02J-394X	MG R	390kΩ 1/10W J
R1112	NRSA02J-334X	MG R	330kΩ 1/10W J
R1113	NRSA02J-101X	MG R	100Ω 1/10W J
R1116	NRSA02J-151X	MG R	150Ω 1/10W J
R1131	NRSA02J-102X	MG R	1kΩ 1/10W J
R1132	NRSA02J-331X	MG R	330Ω 1/10W J
R1133	NRSA02J-102X	MG R	1kΩ 1/10W J
R1134	NRSA02J-271X	MG R	270Ω 1/10W J
R1135	NRSA02J-471X	MG R	470Ω 1/10W J
R1161	NRSA02J-182X	MG R	1.8kΩ 1/10W J
R1162	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1163	NRSA02J-103X	MG R	10kΩ 1/10W J
R1164	NRSA02J-102X	MG R	1kΩ 1/10W J
R1165	NRSA02J-273X	MG R	27kΩ 1/10W J
R1166	NRSA02J-103X	MG R	10kΩ 1/10W J
R1167	NRSA02J-102X	MG R	1kΩ 1/10W J
R1168	NRSA02J-101X	MG R	100Ω 1/10W J
R1169	NRSA02J-561X	MG R	560Ω 1/10W J
R1170	NRSA02J-123X	MG R	12kΩ 1/10W J
R1171	NRSA02J-153X	MG R	15kΩ 1/10W J
R1201	NRSA02J-821X	MG R	820Ω 1/10W J
R1202	NRSA02J-102X	MG R	1kΩ 1/10W J
R1203	NRSA02J-821X	MG R	820Ω 1/10W J
R1204	NRSA02J-681X	MG R	680Ω 1/10W J
R1205	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1213	NRSA02J-391X	MG R	390Ω 1/10W J
R1215	NRSA02J-824X	MG R	820kΩ 1/10W J
R1216	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1217	NRSA02J-684X	MG R	680kΩ 1/10W J
R1220	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1251	NRSA02J-750X	MG R	75Ω 1/10W J
R1253	NRSA02J-680X	MG R	68Ω 1/10W J
R1254	QRE121J-101Y	C R	100Ω 1/2W J
R1255	NRSA02J-101X	MG R	100Ω 1/10W J
R1301	NRSA02J-102X	MG R	1kΩ 1/10W J
R1303	NRSA02J-223X	MG R	22kΩ 1/10W J
R1304	NRSA02J-223X	MG R	22kΩ 1/10W J
R1307	NRSA02J-103X	MG R	10kΩ 1/10W J
R1308	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1309	NRSA02J-103X	MG R	10kΩ 1/10W J
R1311	NRSA02J-273X	MG R	27kΩ 1/10W J
R1312	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1314	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1341	NRSA02J-121X	MG R	120Ω 1/10W J
R1342	NRSA02J-333X	MG R	33kΩ 1/10W J
R1343	NRSA02J-333X	MG R	33kΩ 1/10W J
R1351	NRSA02J-151X	MG R	150Ω 1/10W J
R1352	NRSA02J-151X	MG R	150Ω 1/10W J
R1353	NRSA02J-151X	MG R	150Ω 1/10W J
R1354	NRSA02J-331X	MG R	330Ω 1/10W J
R1355	NRSA02J-331X	MG R	330Ω 1/10W J
R1356	NRSA02J-331X	MG R	330Ω 1/10W J
R1357	NRSA02J-101X	MG R	100Ω 1/10W J
R1358	NRSA02J-101X	MG R	100Ω 1/10W J
R1359	NRSA02J-101X	MG R	100Ω 1/10W J
R1360	QRZ0107-152Z	C R	1.5kΩ 1/2W K
R1361	QRZ0107-152Z	C R	1.5kΩ 1/2W K
R1362	QRZ0107-152Z	C R	1.5kΩ 1/2W K
R1363	QRL029J-123	OM R	12kΩ 2W J
R1364	QRL029J-123	OM R	12kΩ 2W J
R1365	QRL029J-123	OM R	12kΩ 2W J
R1366	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1367	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1368	NRSA02J-272X	MG R	2.7kΩ 1/10W J

Symbol No.	Part No.	Part Name	Description
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RESISTOR

R1401	NRSA02J-103X	MG R	10kΩ 1/10W J
R1402	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1403	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1404	NRSA02J-102X	MG R	1kΩ 1/10W J
R1405	NRSA02J-221X	MG R	220Ω 1/10W J
R1406	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1407	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1408	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1410	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1413	QRE121J-391Y	C R	390Ω 1/2W J
R1414	QRX016J-1R2	MF R	1.2Ω 1W J
R1416	NRSA02J-563X	MG R	56kΩ 1/10W J
R1418	NRSA02J-563X	MG R	56kΩ 1/10W J
R1419	NRSA02J-223X	MG R	22kΩ 1/10W J
R1421	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1422	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1423	NRSA02J-103X	MG R	10kΩ 1/10W J
R1501	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1503	NRSA02J-103X	MG R	10kΩ 1/10W J
R1504	NRSA02J-104X	MG R	100kΩ 1/10W J
R1505	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R1506	NRSA02J-102X	MG R	1kΩ 1/10W J
R1510	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1512	NRSA02J-103X	MG R	10kΩ 1/10W J
R1513	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1514	NRSA02J-333X	MG R	33kΩ 1/10W J
R1521	QRL039J-562	OM R	5.6kΩ 3W J
R1523	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1524	QRE121J-103Y	C R	10kΩ 1/2W J
R1526	QRL029J-152	OM R	1.5kΩ 2W J
R1529	NRSA02J-621X	MG R	620Ω 1/10W J
R1532	QRL039J-562	OM R	5.6kΩ 3W J
R1533	QRE121J-220Y	C R	22Ω 1/2W J
R1543	QRT039J-R47	MF R	0.47Ω 3W J
R1544	QRL039J-223	OM R	22kΩ 3W J
R1562	QRA14CF-6801Y	MF R	6.8kΩ 1/4W F
R1563	QRA14CF-3741Y	MF R	3.74kΩ 1/4W F
R1581	QRE121J-333Y	C R	33kΩ 1/2W J
R1582	QRE121J-393Y	C R	39kΩ 1/2W J
R1584	QRE121J-223Y	C R	22kΩ 1/2W J
R1601	QRE121J-1R0Y	C R	1.0Ω 1/2W J
R1605	NRSA02J-473X	MG R	47kΩ 1/10W J
R1606	NRSA02J-103X	MG R	10kΩ 1/10W J
R1607	NRSA02J-471X	MG R	470Ω 1/10W J
R1608	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1609	QRE121J-271Y	C R	270Ω 1/2W J
R1610	QRE121J-271Y	C R	270Ω 1/2W J
R1651	NRSA02J-102X	MG R	1kΩ 1/10W J
R1653	QRE121J-181Y	C R	180Ω 1/2W J
R1654	NRSA02J-821X	MG R	820Ω 1/10W J
R1655	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1656	NRSA02J-102X	MG R	1kΩ 1/10W J
R1613	QRE121J-152Y	C R	1.5kΩ 1/2W J
R1614	QRE121J-332Y	C R	3.3kΩ 1/2W J
R1615	NRSA02J-103X	MG R	10kΩ 1/10W J
R1616	NRSA02J-103X	MG R	10kΩ 1/10W J
R1617	NRSA02J-103X	MG R	10kΩ 1/10W J
R1618	NRSA02J-103X	MG R	10kΩ 1/10W J
R1619	NRSA02J-221X	MG R	220Ω 1/10W J
R1701	NRSA02J-563X	MG R	56kΩ 1/10W J
R1702	NRSA02J-223X	MG R	22kΩ 1/10W J
R1703	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1704	NRSA02J-103X	MG R	10kΩ 1/10W J
R1705	NRSA02J-102X	MG R	1kΩ 1/10W J
R1706	NRSA02J-823X	MG R	82kΩ 1/10W J
R1707	NRSA02J-103X	MG R	10kΩ 1/10W J
R1708	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1709	NRSA02J-103X	MG R	10kΩ 1/10W J
R1710	NRSA02J-102X	MG R	1kΩ 1/10W J
R1711	NRSA02J-103X	MG R	10kΩ 1/10W J
R1712	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1713	NRSA02J-103X	MG R	10kΩ 1/10W J
R1714	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1715	NRSA02J-472X	MG R	4.7kΩ 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1716	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1717	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1718	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1719	NRSA02J-473X	MG R	47kΩ 1/10W J
R1720	NRSA02J-683X	MG R	68kΩ 1/10W J
R1721	NRSA02J-473X	MG R	47kΩ 1/10W J
R1722	NRSA02J-103X	MG R	10kΩ 1/10W J
R1723	NRSA02J-183X	MG R	18kΩ 1/10W J
R1724	NRSA02J-103X	MG R	10kΩ 1/10W J
R1725	NRSA02J-102X	MG R	1kΩ 1/10W J
R1726	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1727	NRSA02J-103X	MG R	10kΩ 1/10W J
R1728	NRSA02J-102X	MG R	1kΩ 1/10W J
R1729	NRSA02J-105X	MG R	1MΩ 1/10W J
R1732	NRSA02J-102X	MG R	1kΩ 1/10W J
R1733	NRSA02J-333X	MG R	33kΩ 1/10W J
R1734	NRSA02J-102X	MG R	1kΩ 1/10W J
R1735	NRSA02J-102X	MG R	1kΩ 1/10W J
R1736	NRSA02J-124X	MG R	120kΩ 1/10W J
R1737	NRSA02J-184X	MG R	180kΩ 1/10W J
R1738	NRSA02J-102X	MG R	1kΩ 1/10W J
R1740	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1741	NRSA02J-102X	MG R	1kΩ 1/10W J
R1742	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1743	NRSA02J-223X	MG R	22kΩ 1/10W J
R1744	NRSA02J-103X	MG R	10kΩ 1/10W J
R1745	NRSA02J-153X	MG R	15kΩ 1/10W J
R1746	NRSA02J-103X	MG R	10kΩ 1/10W J
R1747	NRSA02J-153X	MG R	15kΩ 1/10W J
R1748	NRSA02J-103X	MG R	10kΩ 1/10W J
R1749	NRSA02J-153X	MG R	15kΩ 1/10W J
R1750	NRSA02J-561X	MG R	560Ω 1/10W J
R1751	NRSA02J-561X	MG R	560Ω 1/10W J
R1752	NRSA02J-103X	MG R	10kΩ 1/10W J
R1753	NRSA02J-103X	MG R	10kΩ 1/10W J
R1754	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1755	NRSA02J-103X	MG R	10kΩ 1/10W J
R1756	NRSA02J-103X	MG R	10kΩ 1/10W J
R1757	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1758	NRSA02J-223X	MG R	22kΩ 1/10W J
R1759	NRSA02J-103X	MG R	10kΩ 1/10W J
R1765	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R1766	NRSA02J-102X	MG R	1kΩ 1/10W J
R1771	NRSA02J-221X	MG R	220Ω 1/10W J
R1772	NRSA02J-221X	MG R	220Ω 1/10W J
R1781	NRSA02J-681X	MG R	680Ω 1/10W J
R1782	NRSA02J-681X	MG R	680Ω 1/10W J
R1783	NRSA02J-221X	MG R	220Ω 1/10W J
R1784	NRSA02J-221X	MG R	220Ω 1/10W J
R1801	NRSA02J-221X	MG R	220Ω 1/10W J
R1802	NRSA02J-221X	MG R	220Ω 1/10W J
R1803	NRSA02J-221X	MG R	220Ω 1/10W J
R1811	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1812	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1813	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1815	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1816	NRSA02J-103X	MG R	10kΩ 1/10W J
△ R1901	QRF104K-3R9	UNF R	3.9Ω 10W K
R1902	QRL039J-393	OM R	39kΩ 3W J
R1910	QRE121J-564Y	C R	560kΩ 1/2W J
R1911	QRE121J-183Y	C R	18kΩ 1/2W J
R1921	QRE121J-681Y	C R	680Ω 1/2W J
R1922	QRM059J-R22	MP R	0.22Ω 5W J
R1923	QRT029J-R39	MF R	0.39Ω 2W J
R1924	QRE121J-103Y	C R	10kΩ 1/2W J
R1925	QRE121J-102Y	C R	1kΩ 1/2W J
R1926	QRE121J-152Y	C R	1.5kΩ 1/2W J
R1929	QRE121J-332Y	C R	3.3kΩ 1/2W J
R1932	QRE121J-487Y	C R	4.7Ω 1/2W J
R1942	NRSA02J-223X	MG R	22kΩ 1/10W J
R1943	QRE121J-152Y	C R	1.5kΩ 1/2W J
R1944	NRSA02J-103X	MG R	10kΩ 1/10W J
R1945	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1946	NRSA02J-123X	MG R	12kΩ 1/10W J
R1947	QRE121J-470Y	C R	47Ω 1/2W J
R1948	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1949	NRSA02J-153X	MG R	15kΩ 1/10W J
R1950	NRSA02J-103X	MG R	10kΩ 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1951	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1952	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1959	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1961	QRT029J-1R8	MF R	1.8Ω 2W J
R1962	QRT029J-1R8	MF R	1.8Ω 2W J
R1964	QRE121J-272Y	C R	2.7kΩ 1/2W J
R1965	QRE121J-473Y	C R	47kΩ 1/2W J
R1966	NRSA02J-223X	MG R	22kΩ 1/10W J
△ R1981	QRZ0057-825	C R	8.2MΩ 1W J
CAPACITOR			
C1001	QETN1HM-106Z	E CAP.	10μF 50V M
C1007	QETN1CM-477Z	E CAP.	470μF 16V M
C1008	QETN1CM-107Z	E CAP.	100μF 16V M
C1009	QETN1CM-107Z	E CAP.	100μF 16V M
C1011	NCB21HK-103X	C CAP.	0.01μF 50V K
C1101	NCB21HK-103X	C CAP.	0.01μF 50V K
C1102	NCB21HK-103X	C CAP.	0.01μF 50V K
C1103	NDC21HJ-680X	C CAP.	680pF 50V J
C1104	NCB21HK-103X	C CAP.	0.01μF 50V K
C1105	NCB21HK-103X	C CAP.	0.01μF 50V K
C1111	QETN1EM-476Z	E CAP.	47μF 25V M
C1112	NCB21HK-103X	C CAP.	0.01μF 50V K
C1113	NCB21HK-103X	C CAP.	0.01μF 50V K
C1114	NCB21HK-103X	C CAP.	0.01μF 50V K
C1116	QFV71HJ-224Z	MF CAP.	0.22μF 50V J
C1117	QETN1EM-476Z	E CAP.	47μF 25V M
C1118	NCB21HK-103X	C CAP.	0.01μF 50V K
C1119	NDC21HJ-681X	C CAP.	680pF 50V J
C1120	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1123	NCB21HK-103X	C CAP.	0.01μF 50V K
C1124	NCB21HK-103X	C CAP.	0.01μF 50V K
C1161	QETN1HM-106Z	E CAP.	10μF 50V M
C1162	NCB21HK-333X	C CAP.	0.033μF 50V K
C1163	NDC21HJ-470X	C CAP.	470pF 50V J
C1164	NDC21HJ-470X	C CAP.	470pF 50V J
C1165	NCB21HK-103X	C CAP.	0.01μF 50V K
C1166	NCB21HK-103X	C CAP.	0.01μF 50V K
C1202	QETN1CM-107Z	E CAP.	100μF 16V M
C1207	NCB21HK-104X	C CAP.	0.1μF 50V K
C1208	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1209	QETN1CM-227Z	E CAP.	220μF 16V M
C1210	NCB21HK-103X	C CAP.	0.01μF 50V K
C1211	NDC21HJ-681X	C CAP.	680pF 50V J
C1212	NCB21HK-104X	C CAP.	0.1μF 50V K
C1213	QETN1HM-105Z	E CAP.	1μF 50V M
C1214	NCB21HK-104X	C CAP.	0.1μF 50V K
C1215	QETN1HM-106Z	E CAP.	10μF 50V M
C1251	QETN1HM-106Z	E CAP.	10μF 50V M
C1252	QETN1HM-106Z	E CAP.	10μF 50V M
C1254	QETN1CM-477Z	E CAP.	470μF 16V M
C1256	QETN1CM-107Z	E CAP.	100μF 16V M
C1258	QETN1CM-227Z	E CAP.	220μF 16V M
C1291	QETN1CM-107Z	E CAP.	100μF 16V M
C1292	QETN1CM-107Z	E CAP.	100μF 16V M
C1296	QETN1CM-107Z	E CAP.	100μF 16V M
C1296	QETN1CM-107Z	E CAP.	100μF 16V M
C1301	NDC21HJ-150X	C CAP.	150pF 50V J
C1302	NDC21HJ-150X	C CAP.	150pF 50V J
C1303	NDC21HJ-120X	C CAP.	120pF 50V J
C1304	NCB21HK-103X	C CAP.	0.01μF 50V K
C1305	NDC21HJ-120X	C CAP.	120pF 50V J
C1306	QETN1EM-476Z	E CAP.	47μF 25V M
C1307	NCB21HK-103X	C CAP.	0.01μF 50V K
C1308	NCB21HK-104X	C CAP.	0.1μF 50V K
C1309	NCB21HK-104X	C CAP.	0.1μF 50V K
C1311	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1312	NCB21HK-103X	C CAP.	0.01μF 50V K
C1313	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1342	QETN1HM-335Z	E CAP.	3.3μF 50V M
C1354	NDC21HJ-271X	C CAP.	270pF 50V J
C1355	NDC21HJ-271X	C CAP.	270pF 50V J
C1356	NDC21HJ-331X	C CAP.	330pF 50V J
C1357	QETN1CM-107Z	E CAP.	100μF 16V M
△ C1382	QCZ0121-102	C CAP.	1000pF 3kV Z
C1401	QETN1HM-105Z	E CAP.	1μF 50V M
C1402	QETN1HM-105Z	E CAP.	1μF 50V M
C1403	QEM61EK-225Z	E CAP.	2.2μF 25V K

△ Symbol No. Part No. Part Name Description

CAPACITOR

C1405	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1406	QFLC1HJ-103Z	M CAP.	0.01μF 50V J
C1410	QETN1VM-107Z	E CAP.	100μF 35V M
C1411	QETN1VM-477Z	E CAP.	470μF 35V M
C1412	QFLC2AJ-563Z	M CAP.	0.056μF 100V J
C1413	QETN1EM-108Z	E CAP.	1000μF 25V M
C1414	QETN1HM-105Z	E CAP.	1μF 50V M
C1415	QFLC1HJ-152Z	M CAP.	1500pF 50V J
C1416	NDC21HJ-681X	C CAP.	680pF 50V J
C1501	QETN1CM-107Z	E CAP.	100μF 16V M
C1503	NCB21HK-103X	C CAP.	0.01μF 50V K
C1505	NCB21HK-103X	C CAP.	0.01μF 50V K
C1506	NCB21HK-103X	C CAP.	0.01μF 50V K
C1507	QETN1HM-105Z	E CAP.	1μF 50V M
C1511	QETN1HM-106Z	E CAP.	10μF 50V M
C1521	QCB32HK-151Z	C CAP.	150pF 500V K
C1522	QCB32HK-331Z	C CAP.	330pF 500V K
C1523	QETN2CM-105Z	E CAP.	1μF 160V M
△ C1524	QFZ0198-78Z	MPP CAP.	7800pF 1.5kVH±3%
△ C1525	QFZ0119-434	MPP CAP.	0.43μF 200V ±3%
△ C1526	QE20203-476	E CAP.	47μF 160V M
C1541	QETN2EM-106Z	E CAP.	10μF 250V M
C1543	QETN1VM-477Z	E CAP.	470μF 35V M
C1546	QETN1CM-227Z	E CAP.	220μF 16V M
C1547	QETN1CM-227Z	E CAP.	220μF 16V M
C1561	QETN1VM-107Z	E CAP.	100μF 35V M
C1581	QFLC1HJ-473Z	M CAP.	0.047μF 50V J
C1583	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1584	QFLC2AJ-103Z	M CAP.	0.01μF 100V J
C1601	QENC1HM-105Z	E CAP.	1μF 50V M
C1603	QETN1HM-106Z	E CAP.	10μF 50V M
C1604	QETN1HM-106Z	E CAP.	10μF 50V M
C1605	QETN1EM-477Z	E CAP.	470μF 25V M
C1606	NCB21EK-224X	C CAP.	0.22μF 25V K
C1607	QETN1EM-228	E CAP.	2200μF 25V M
C1608	QETN1EM-476Z	E CAP.	47μF 25V M
C1609	QETN1HM-106Z	E CAP.	10μF 50V M
C1610	QETN1HM-106Z	E CAP.	10μF 50V M
C1651	NCB21HK-332X	C CAP.	3300pF 50V K
C1652	QENC1CM-106Z	E CAP.	10μF 16V M
C1653	QETN1HM-105Z	E CAP.	1μF 50V M
C1654	QETN1HM-106Z	E CAP.	10μF 50V M
C1655	QETN1CM-107Z	E CAP.	100μF 16V M
C1656	NCB21HK-332X	C CAP.	3300pF 50V K
C1657	QETN1HM-106Z	E CAP.	10μF 50V M
C1611	NCB21EK-224X	C CAP.	0.22μF 25V K
C1612	QETN1HM-105Z	E CAP.	1μF 50V M
C1613	QETN1EM-107Z	E CAP.	100μF 25V M
C1614	QETN1HM-106Z	E CAP.	10μF 50V M
C1615	QETN1HM-226Z	E CAP.	22μF 50V M
C1701	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
C1703	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
C1704	NCB21HK-102X	C CAP.	1000pF 50V K
C1706	QETN1AM-227Z	E CAP.	220μF 10V M
C1707	NCB21HK-103X	C CAP.	0.01μF 50V K
C1708	QETN1HM-106Z	E CAP.	10μF 50V M
C1709	QETN1HM-106Z	E CAP.	10μF 50V M
C1711	NDC21HJ-151X	C CAP.	150pF 50V J
C1712	NCB21HK-104X	C CAP.	0.1μF 50V K
C1713	QETN1HM-105Z	E CAP.	1μF 50V M
C1714	NDC21HJ-221X	C CAP.	220pF 50V J
C1715	NCB21HK-102X	C CAP.	1000pF 50V K
C1716	QENC1HM-474Z	E CAP.	0.47μF 50V M
C1717	NDC21HJ-180X	C CAP.	18pF 50V J
C1718	NDC21HJ-220X	C CAP.	22pF 50V J
C1719	QETN1CM-107Z	E CAP.	100μF 16V M
C1720	NCB21HK-104X	C CAP.	0.1μF 50V K
C1723	NDC21HJ-151X	C CAP.	150pF 50V J
C1724	QETN1HM-105Z	E CAP.	1μF 50V M
C1725	NDC21HJ-151X	C CAP.	150pF 50V J
C1727	NCB21HK-103X	C CAP.	0.01μF 50V K
C1733	QETN1EM-476Z	E CAP.	47μF 25V M
C1734	NCB21HK-104X	C CAP.	0.1μF 50V K
C1735	NCB21HK-103X	C CAP.	0.01μF 50V K
C1736	QETN1CM-107Z	E CAP.	100μF 16V M
C1738	QETN1EM-476Z	E CAP.	47μF 25V M
C1742	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1765	NDC21HJ-101X	C CAP.	100pF 50V J
C1771	QETN1EM-476Z	E CAP.	47μF 25V M

△ Symbol No. Part No. Part Name Description

CAPACITOR

C1772	NCB21HK-103X	C CAP.	0.01μF 50V K
C1805	QETN1CM-227Z	E CAP.	220μF 16V M
C1806	NCB21HK-103X	C CAP.	0.01μF 50V K
C1811	NCB21HK-103X	C CAP.	0.01μF 50V K
C1812	NCB21HK-103X	C CAP.	0.01μF 50V K
C1813	NCB21HK-103X	C CAP.	0.01μF 50V K
△ C1901	QFZ9040-104	MF CAP.	0.1μFAC275V M
△ C1902	QFZ9040-104	MF CAP.	0.1μFAC275V M
△ C1903	QCZ9078-47Z	C CAP.	4700pFAC250V M
△ C1904	QCZ9078-47Z	C CAP.	4700pFAC250V M
△ C1905	QCZ9078-47Z	C CAP.	4700pFAC250V M
△ C1906	QE20199-127	E CAP.	120μF 400V M
C1921	QCZ0325-10Z	C CAP.	1000pF 2kV K
C1922	QCS31HJ-471Z	C CAP.	470pF 50V J
C1924	QETN1VM-107Z	E CAP.	100μF 35V M
C1925	QFLC1HJ-102Z	M CAP.	1000pF 50V J
C1926	QFLC1HJ-182Z	M CAP.	1800pF 50V J
C1928	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1931	QCZ0122-391	C CAP.	390pF 2kV K
C1941	QCZ0122-471	C CAP.	470pF 2kV K
△ C1942	QE20203-107	E CAP.	100μF 160V M
C1943	QCB32HK-471Z	C CAP.	470pF 500V K
C1944	QETN1EM-108Z	E CAP.	1000μF 25V M
C1945	QETN1EM-227Z	E CAP.	220μF 25V M
C1946	QETN1EM-107Z	E CAP.	100μF 25V M
C1947	QETN1HM-106Z	E CAP.	10μF 50V M
C1952	QETN1EM-228	E CAP.	2200μF 25V M
C1953	QCZ0122-471	C CAP.	470pF 2kV K
C1957	NDC21HJ-471X	C CAP.	470pF 50V J
C1961	QETN1CM-107Z	E CAP.	100μF 16V M
C1962	QETN1EM-476Z	E CAP.	47μF 25V M
△ C1981	QCZ9079-471	C CAP.	470pFAC250V K
△ C1982	QCZ9079-10Z	C CAP.	1000pFAC250V M
△ C1983	QCZ9079-471	C CAP.	470pFAC250V K
C1984	QETN1VM-337Z	E CAP.	330μF 35V M

TRANSFORMER

T1111	CELT001-209J3	CW TRANS	or CELT001-209J2
T1521	CE42034-001	HOR DRIVE TRANS	
△ T1522	QKH0030-002	F. B. TRANSF.	
△ T1921	CETS109-001JK	SW TRANSF.	

COIL

L1001	QQL03BJ-150Z	COIL	15μH J
L1003	QQL03BJ-4R7Z	COIL	4.7μH J
L1101	QQLZ014-R22	INDUCTOR	
L1113	IM-BW	BUS WIRE	
L1131	QQL03BJ-150Z	COIL	15μH J
L1161	QQL03BJ-220Z	COIL	22μH J
L1201	IM-BW	BUS WIRE	
L1205	QQL03BJ-4R7Z	COIL	4.7μH J
L1301	QQL03BJ-390Z	COIL	39μH J
L1381	QQL03BJ-390Z	COIL	39μH J
L1501	QQL03BJ-4R7Z	COIL	4.7μH J
L1701	QQL03BJ-4R7Z	COIL	4.7μH J
L1702	QQL03BJ-4R7Z	COIL	4.7μH J
L1708	QQL03BJ-560Z	COIL	56μH J
L1771	QQL03BJ-4R7Z	COIL	4.7μH J
L1941	QQL26AK-820Z	COIL	82μH K
L1942	QQL26AK-820Z	COIL	82μH K

DIODE

D1001	MTZJ33A-T2	ZENER DIODE	
D1201	1SS133-T2	SI. DIODE	
D1202	MTZJ7.5B-T2	ZENER DIODE	
D1253	MTZJ5.6A-T2	ZENER DIODE	
D1254	MTZJ5.6A-T2	ZENER DIODE	
D1255	MTZJ5.6A-T2	ZENER DIODE	
D1256	MTZJ5.6A-T2	ZENER DIODE	
D1341	1SS133-T2	SI. DIODE	
D1401	1N4003-T2	SI. DIODE	
D1402	MTZJ7.5-T2	ZENER DIODE	
D1510	1SS133-T2	SI. DIODE	
D1541	RH1S-T3	SI. DIODE	
D1542	RGP10J-502S-T3	SI. DIODE	
D1543	RGP10J-502S-T3	SI. DIODE	
D1544	RH1S-T3	SI. DIODE	
D1561	1SS81-T2	SI. DIODE	
△ D1562	MTZJ7.5S-T2	ZENER DIODE	

△ Symbol No.	Part No.	Part Name	Description
DIODE			
D1581	RGP10J-5025-T3	SI. DIODE	
D1582	MTZJ9. 1B-T2	ZENER DIODE	
D1601	1SS133-T2	SI. DIODE	
D1602	1SS133-T2	SI. DIODE	
D1604	MTZJ7. 5B-T2	ZENER DIODE	
D1605	1SS133-T2	SI. DIODE	
D1651	MTZJ5. 6A-T2	ZENER DIODE	
D1652	MTZJ5. 6A-T2	ZENER DIODE	
D1657	MTZJ9. 1C-T2	ZENER DIODE	
D1701	1SS133-T2	SI. DIODE	
D1702	1SS133-T2	SI. DIODE	
D1703	1SS133-T2	SI. DIODE	
D1704	1SS133-T2	SI. DIODE	
D1705	MTZJ5. 6A-T2	ZENER DIODE	
D1706	SLR-342VR-T16	LED	
D1707	SLR-342DU-T16	LED	
D1771	MTZJ6. 2B-T2	ZENER DIODE	
D1772	MTZJ6. 2B-T2	ZENER DIODE	
D1801	MTZJ15B-T2	ZENER DIODE	
D1802	MTZJ15B-T2	ZENER DIODE	
D1803	MTZJ15B-T2	ZENER DIODE	
△ D1805	MTZJ15B-T2	ZENER DIODE	
△ D1901	D2SBA60	BRIDGE DIODE	
D1903	RGP10J-5025-T3	SI. DIODE	
D1905	MTZJ6. 8A-T2	ZENER DIODE	
D1921	RGP10J-5025-T3	SI. DIODE	
D1922	RGP10J-5025-T3	SI. DIODE	
D1923	MTZJ15A-T2	ZENER DIODE	
D1924	1SS133-T2	SI. DIODE	
D1927	1SS133-T2	SI. DIODE	
D1928	1SS133-T2	SI. DIODE	
D1929	MTZJ15A-T2	ZENER DIODE	
D1941	RU3AM-LFC4	SI. DIODE	
D1942	RGP10J-5025-T3	SI. DIODE	
D1943	1SS133-T2	SI. DIODE	
D1944	IM-BW	BUS WIRE	
D1945	MTZJ5. 6B-T2	ZENER DIODE	
D1948	RGP10J-5025-T3	SI. DIODE	
D1961	MTZJ7. 5S-T2	ZENER DIODE	
D1962	1SS133-T2	SI. DIODE	
TRANSISTOR			
Q1101	2SC5083/L-P/-T	SI. TRANSISTOR	
Q1111	DTC124EKA-X	DIGI. TRANSISTOR	
Q1161	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1131	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1201	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1202	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1251	2SC1740S/QR/-T	SI. TRANSISTOR	
Q1301	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1302	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1341	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1342	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1351	2SC4544-LB	POWER TRANSISTOR	
Q1352	2SC4544-LB	POWER TRANSISTOR	
Q1353	2SC4544-LB	POWER TRANSISTOR	
Q1401	2SC2412K/QR/-X	SI. TRANSISTOR	
△ Q1521	BSN304-T	MOS FET	
△ Q1522	2SD1878-YD	POWER TRANSISTOR	H. OUT
Q1511	2SC2785/JH/-T	SI. TRANSISTOR	
Q1602	DTC323TK-X	DIGI. TRANSISTOR	
Q1603	2SA1037AK/QR/-X	SI. TRANSISTOR	
Q1651	DTC363TK-X	DIGI. TRANSISTOR	
Q1606	2SA1037AK/QR/-X	SI. TRANSISTOR	
Q1607	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1608	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1701	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1702	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1703	DTC124EKA-X	DIGI. TRANSISTOR	
Q1705	DTC124EKA-X	DIGI. TRANSISTOR	
Q1761	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1921	2SA933AS/QR/-T	SI. TRANSISTOR	
Q1941	2SA966/OY/-T	SI. TRANSISTOR	
Q1942	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1943	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1944	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1961	2SA949/Y/Z1-T	SI. TRANSISTOR	
IC			
IC1001	AN78L05-T	IC	
IC1101	M52342SP	IC	
IC1201	TB1230AN	IC	
IC1251	BA7612N	IC	

△ Symbol No.	Part No.	Part Name	Description
IC			
IC1291	AN78N05	IC	
IC1292	AN78L09-T	IC	
IC1293	KIA78L05BP-T	I C	
△ IC1401	LA7840	I C	
IC1541	AN7809F	IC	
△ IC1601	LA4285	IC	
IC1602	SI-5003X-X	IC	
IC1651	LA7016	IC	
IC1701	M37272MAH-505SP	IC(MCU)	
IC1702	L78LR05E-MA	IC	
IC1703	GP1U281Q	IR DETECT UNIT	
IC1704	AT24C02-14F33PH	IC	(SERVICE)
△ IC1921	STR-F6654	IC(HYBRID)	
△ IC1941	SE135N	I C	
OTHERS			
CF1001	LC30114-001C-H	LED HOLDER	
CF1131	QAX0349-001	C TRAP	
CF1161	QAX0639-001Z	C TRAP	
△ CP1941	ICP-N75-Y	I.C.PROTECT	
△ CP1942	ICP-N50-Y	I.C.PROTECT	
EF1301	CE42142-222Z	EMI FILTER	
△ F1901	QMF51E2-3R15J4	FUSE	3.15A
FC1901	CEMG002-001Z	FUSE CLIP	
FC1902	CEMG002-001Z	FUSE CLIP	
△ FR1542	QRZ9023-1R0	F R	1.0 Ω 2W J
△ FR1561	QRZ9017-4R7	F R	4.7 Ω 1/4W J
△ FR1585	QRZ9021-1R5	F R	1.5 Ω 1W J
△ FR1586	QRE121J-332Y	C R	3.3kΩ 1/2W J
△ FR1602	QRZ9023-3R3	F R	3.3 Ω 2W J
△ FR1720	QRZ9017-270	F R	27 Ω 1/4W J
J1001	QNN0348-002	PIN JACK	
J1002	QNN0348-002	PIN JACK	
J1003	CEMN065-001	PIN JACK	
J1004	CEMN065-002	PIN JACK	
J1006	QMS3007-C01	3.5 JACK	
K1401	QQR0621-001Z	FERRITE BEADS	
K1521	IM-BW	BUS WIRE	
K1921	QQR0621-001Z	FERRITE BEADS	
K1922	IM-BW	BUS WIRE	
K1923	QQR0582-001Z	FERRITE BEADS	
K1941	QQR0621-001Z	FERRITE BEADS	
K1942	QQR0582-001Z	FERRITE BEADS	
K1943	QQR0621-001Z	FERRITE BEADS	
△ LF1901	QQR0673-002	LINE FILTER	
△ PC1921	TLP621(GR)-LF2	PHOTO COUPLER	
SF1101	QAX0324-002	SAW FILTER	
△ SK1351	CE42535-001	C R T SOCKET	
S1701	QSW0619-003Z	TACT SWITCH	VOL+
S1702	QSW0619-003Z	TACT SWITCH	VOL-
S1703	QSW0619-003Z	TACT SWITCH	CH+
S1704	QSW0619-003Z	TACT SWITCH	CH-
S1705	QSW0619-003Z	TACT SWITCH	MENU
△ S1901	QSP4K21-C01	PUSH SWITCH	POWER
△ TH1901	QAD0101-9R0	THERMISTOR	
TU1001	QAU0190-002	TUNER	
△ VA1901	ERZV10V621CS	VARISTOR	
X1301	QAX0305-001Z	CRYSTAL	
X1701	QAX0468-001Z	CRYSTAL	or QAX0397-001Z

[AV-20N33/PH]

PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (SGA-1063A)

Symbol No.	Part No.	Part Name	Description
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RESISTOR

R1001	NRSA02J-563X	MG R	56kΩ 1/10W J
R1003	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1004	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1005	QRT029J-4R7	MF R	4.7Ω 2W J
R1006	NRSA02J-820X	MG R	82Ω 1/10W J
R1101	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1102	NRSA02J-182X	MG R	1.8kΩ 1/10W J
R1103	QRE121J-101Y	C R	100Ω 1/2W J
R1104	NRSA02J-220X	MG R	22Ω 1/10W J
R1105	NRSA02J-270X	MG R	27Ω 1/10W J
R1111	NRSA02J-394X	MG R	390kΩ 1/10W J
R1112	NRSA02J-334X	MG R	330kΩ 1/10W J
R1113	NRSA02J-101X	MG R	100Ω 1/10W J
R1116	NRSA02J-151X	MG R	150Ω 1/10W J
R1131	NRSA02J-102X	MG R	1kΩ 1/10W J
R1132	NRSA02J-331X	MG R	330Ω 1/10W J
R1133	NRSA02J-102X	MG R	1kΩ 1/10W J
R1134	NRSA02J-271X	MG R	270Ω 1/10W J
R1135	NRSA02J-471X	MG R	470Ω 1/10W J
R1161	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1162	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1163	NRSA02J-103X	MG R	10kΩ 1/10W J
R1164	NRSA02J-102X	MG R	1kΩ 1/10W J
R1165	NRSA02J-273X	MG R	27kΩ 1/10W J
R1166	NRSA02J-103X	MG R	10kΩ 1/10W J
R1167	NRSA02J-102X	MG R	1kΩ 1/10W J
R1168	NRSA02J-101X	MG R	100Ω 1/10W J
R1169	NRSA02J-561X	MG R	560Ω 1/10W J
R1170	NRSA02J-123X	MG R	12kΩ 1/10W J
R1171	NRSA02J-153X	MG R	15kΩ 1/10W J
R1201	NRSA02J-821X	MG R	820Ω 1/10W J
R1202	NRSA02J-102X	MG R	1kΩ 1/10W J
R1203	NRSA02J-821X	MG R	820Ω 1/10W J
R1204	NRSA02J-681X	MG R	680Ω 1/10W J
R1205	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1213	NRSA02J-391X	MG R	390Ω 1/10W J
R1215	NRSA02J-824X	MG R	820kΩ 1/10W J
R1216	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1217	NRSA02J-684X	MG R	680kΩ 1/10W J
R1220	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1251	NRSA02J-750X	MG R	75Ω 1/10W J
R1252	NRSA02J-750X	MG R	75Ω 1/10W J
R1253	NRSA02J-680X	MG R	68Ω 1/10W J
R1254	QRE121J-101Y	C R	100Ω 1/2W J
R1255	NRSA02J-101X	MG R	100Ω 1/10W J
R1301	NRSA02J-102X	MG R	1kΩ 1/10W J
R1303	NRSA02J-223X	MG R	22kΩ 1/10W J
R1304	NRSA02J-223X	MG R	22kΩ 1/10W J
R1307	NRSA02J-103X	MG R	10kΩ 1/10W J
R1308	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1309	NRSA02J-103X	MG R	10kΩ 1/10W J
R1311	NRSA02J-273X	MG R	27kΩ 1/10W J
R1312	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1314	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1341	NRSA02J-121X	MG R	120Ω 1/10W J
R1342	NRSA02J-333X	MG R	33kΩ 1/10W J
R1343	NRSA02J-333X	MG R	33kΩ 1/10W J
R1351	NRSA02J-151X	MG R	150Ω 1/10W J
R1352	NRSA02J-151X	MG R	150Ω 1/10W J
R1353	NRSA02J-151X	MG R	150Ω 1/10W J
R1354	NRSA02J-331X	MG R	330Ω 1/10W J
R1355	NRSA02J-331X	MG R	330Ω 1/10W J
R1356	NRSA02J-331X	MG R	330Ω 1/10W J
R1357	NRSA02J-101X	MG R	100Ω 1/10W J
R1358	NRSA02J-101X	MG R	100Ω 1/10W J
R1359	NRSA02J-101X	MG R	100Ω 1/10W J
R1360	QRZ0107-152Z	C R	1.5kΩ 1/2W K
R1361	QRZ0107-152Z	C R	1.5kΩ 1/2W K
R1362	QRZ0107-152Z	C R	1.5kΩ 1/2W K
R1363	QRL029J-123	OM R	12kΩ 2W J
R1364	QRL029J-123	OM R	12kΩ 2W J
R1365	QRL029J-123	OM R	12kΩ 2W J
R1366	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1367	NRSA02J-272X	MG R	2.7kΩ 1/10W J
R1368	NRSA02J-272X	MG R	2.7kΩ 1/10W J

Symbol No.	Part No.	Part Name	Description
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RESISTOR

R1401	NRSA02J-103X	MG R	10kΩ 1/10W J
R1402	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1403	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1404	NRSA02J-102X	MG R	1kΩ 1/10W J
R1405	NRSA02J-221X	MG R	220Ω 1/10W J
R1406	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1407	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1408	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1410	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1413	QRE121J-391Y	C R	390Ω 1/2W J
R1414	QRX016J-1R2	MF R	1.2Ω 1W J
R1416	NRSA02J-563X	MG R	56kΩ 1/10W J
R1418	NRSA02J-563X	MG R	56kΩ 1/10W J
R1419	NRSA02J-223X	MG R	22kΩ 1/10W J
R1421	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1422	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1423	NRSA02J-103X	MG R	10kΩ 1/10W J
R1501	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1503	NRSA02J-103X	MG R	10kΩ 1/10W J
R1504	NRSA02J-104X	MG R	100kΩ 1/10W J
R1505	NRSA02J-822X	MG R	8.2kΩ 1/10W J
R1506	NRSA02J-102X	MG R	1kΩ 1/10W J
R1510	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1512	NRSA02J-103X	MG R	10kΩ 1/10W J
R1513	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1514	NRSA02J-333X	MG R	33kΩ 1/10W J
R1521	QRL039J-562	OM R	5.6kΩ 3W J
R1523	NRSA02J-222X	MG R	2.2kΩ 1/10W J
R1524	QRE121J-103Y	C R	10kΩ 1/2W J
R1526	QRL029J-152	OM R	1.5kΩ 2W J
R1529	NRSA02J-621X	MG R	620Ω 1/10W J
R1532	QRL039J-562	OM R	5.6kΩ 3W J
R1533	QRE121J-220Y	C R	22Ω 1/2W J
R1543	QRT039J-R47	MF R	0.47Ω 3W J
R1544	QRL039J-223	OM R	22kΩ 3W J
R1562	QRA14CF-6801Y	MF R	6.8kΩ 1/4W F
R1563	QRA14CF-3741Y	MF R	3.74kΩ 1/4W F
R1581	QRE121J-333Y	C R	33kΩ 1/2W J
R1582	QRE121J-393Y	C R	39kΩ 1/2W J
R1584	QRE121J-223Y	C R	22kΩ 1/2W J
R1603	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1605	NRSA02J-391X	MG R	390Ω 1/10W J
R1607	NRSA02J-682X	MG R	6.8kΩ 1/10W J
R1609	NRSA02J-391X	MG R	390Ω 1/10W J
R1611	NRSA02J-223X	MG R	22kΩ 1/10W J
R1613	NRSA02J-333X	MG R	33kΩ 1/10W J
R1620	NRSA02J-183X	MG R	18kΩ 1/10W J
R1622	NRSA02J-183X	MG R	18kΩ 1/10W J
R1626	NRSA02J-153X	MG R	15kΩ 1/10W J
R1627	NRSA02J-104X	MG R	100kΩ 1/10W J
R1628	NRSA02J-153X	MG R	15kΩ 1/10W J
R1629	NRSA02J-104X	MG R	100kΩ 1/10W J
R1631	NRSA02J-473X	MG R	47kΩ 1/10W J
R1635	QRE121J-271Y	C R	270Ω 1/2W J
R1636	QRE121J-271Y	C R	270Ω 1/2W J
R1651	NRSA02J-102X	MG R	1kΩ 1/10W J
R1652	NRSA02J-392X	MG R	3.9kΩ 1/10W J
R1653	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1654	NRSA02J-333X	MG R	33kΩ 1/10W J
R1655	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1656	NRVA02D-152X	MF R	1.5kΩ 1/10W D
R1658	NRVA02D-153X	MF R	15kΩ 1/10W D
R1660	NRSA02J-512X	MG R	5.1kΩ 1/10W J
R1669	NRSA02J-471X	MG R	470Ω 1/10W J
R1670	NRSA02J-471X	MG R	470Ω 1/10W J
R1671	NRSA02J-102X	MG R	1kΩ 1/10W J
R1672	NRSA02J-102X	MG R	1kΩ 1/10W J
R1673	NRSA02J-823X	MG R	82kΩ 1/10W J
R1674	NRSA02J-823X	MG R	82kΩ 1/10W J
R1675	NRSA02J-181X	MG R	180Ω 1/10W J
R1676	NRSA02J-181X	MG R	180Ω 1/10W J
R1677	NRSA02J-103X	MG R	10kΩ 1/10W J
R1678	NRSA02J-223X	MG R	22kΩ 1/10W J
R1679	NRSA02J-223X	MG R	22kΩ 1/10W J
R1680	NRSA02J-223X	MG R	22kΩ 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R1681	NRSA02J-223X	MG R	22kΩ 1/10W J
R1682	NRSA02J-683X	MG R	68kΩ 1/10W J
R1685	NRSA02J-102X	MG R	1kΩ 1/10W J
R1686	NRSA02J-102X	MG R	1kΩ 1/10W J
R1687	NRSA02J-102X	MG R	1kΩ 1/10W J
R1688	NRSA02J-102X	MG R	1kΩ 1/10W J
R1691	NRSA02J-102X	MG R	1kΩ 1/10W J
R1692	NRSA02J-102X	MG R	1kΩ 1/10W J
R1701	NRSA02J-563X	MG R	56kΩ 1/10W J
R1702	NRSA02J-223X	MG R	22kΩ 1/10W J
R1703	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1704	NRSA02J-103X	MG R	10kΩ 1/10W J
R1705	NRSA02J-102X	MG R	1kΩ 1/10W J
R1706	NRSA02J-823X	MG R	82kΩ 1/10W J
R1707	NRSA02J-103X	MG R	10kΩ 1/10W J
R1708	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1709	NRSA02J-103X	MG R	10kΩ 1/10W J
R1710	NRSA02J-102X	MG R	1kΩ 1/10W J
R1711	NRSA02J-103X	MG R	10kΩ 1/10W J
R1712	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1713	NRSA02J-103X	MG R	10kΩ 1/10W J
R1714	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1715	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1716	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1717	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1718	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1719	NRSA02J-473X	MG R	47kΩ 1/10W J
R1720	NRSA02J-683X	MG R	68kΩ 1/10W J
R1721	NRSA02J-473X	MG R	47kΩ 1/10W J
R1725	NRSA02J-102X	MG R	1kΩ 1/10W J
R1726	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1727	NRSA02J-103X	MG R	10kΩ 1/10W J
R1728	NRSA02J-102X	MG R	1kΩ 1/10W J
R1729	NRSA02J-105X	MG R	1MΩ 1/10W J
R1732	NRSA02J-102X	MG R	1kΩ 1/10W J
R1733	NRSA02J-333X	MG R	33kΩ 1/10W J
R1734	NRSA02J-102X	MG R	1kΩ 1/10W J
R1735	NRSA02J-102X	MG R	1kΩ 1/10W J
R1736	NRSA02J-124X	MG R	120kΩ 1/10W J
R1737	NRSA02J-184X	MG R	180kΩ 1/10W J
R1738	NRSA02J-102X	MG R	1kΩ 1/10W J
R1739	NRSA02J-102X	MG R	1kΩ 1/10W J
R1740	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1741	NRSA02J-102X	MG R	1kΩ 1/10W J
R1742	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1743	NRSA02J-223X	MG R	22kΩ 1/10W J
R1744	NRSA02J-103X	MG R	10kΩ 1/10W J
R1745	NRSA02J-153X	MG R	15kΩ 1/10W J
R1746	NRSA02J-103X	MG R	10kΩ 1/10W J
R1747	NRSA02J-153X	MG R	15kΩ 1/10W J
R1748	NRSA02J-103X	MG R	10kΩ 1/10W J
R1749	NRSA02J-153X	MG R	15kΩ 1/10W J
R1750	NRSA02J-561X	MG R	560Ω 1/10W J
R1751	NRSA02J-561X	MG R	560Ω 1/10W J
R1752	NRSA02J-103X	MG R	10kΩ 1/10W J
R1753	NRSA02J-103X	MG R	10kΩ 1/10W J
R1754	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1755	NRSA02J-103X	MG R	10kΩ 1/10W J
R1756	NRSA02J-103X	MG R	10kΩ 1/10W J
R1757	NRSA02J-562X	MG R	5.6kΩ 1/10W J
R1758	NRSA02J-223X	MG R	22kΩ 1/10W J
R1759	NRSA02J-103X	MG R	10kΩ 1/10W J
R1765	NRSA02J-122X	MG R	1.2kΩ 1/10W J
R1766	NRSA02J-102X	MG R	1kΩ 1/10W J
R1771	NRSA02J-221X	MG R	220Ω 1/10W J
R1772	NRSA02J-221X	MG R	220Ω 1/10W J
R1781	NRSA02J-681X	MG R	680Ω 1/10W J
R1782	NRSA02J-681X	MG R	680Ω 1/10W J
R1783	NRSA02J-221X	MG R	220Ω 1/10W J
R1784	NRSA02J-221X	MG R	220Ω 1/10W J
R1801	NRSA02J-221X	MG R	220Ω 1/10W J
R1802	NRSA02J-221X	MG R	220Ω 1/10W J
R1803	NRSA02J-221X	MG R	220Ω 1/10W J
R1811	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1812	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1813	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1815	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1816	NRSA02J-103X	MG R	10kΩ 1/10W J

△ Symbol No.	Part No.	Part Name	Description
RESISTOR			
△ R1901	QRF104K-3R9	UNF R	3.9Ω 10W K
R1902	QRL039J-393	OM R	39kΩ 3W J
R1910	QRE121J-564Y	C R	560kΩ 1/2W J
R1911	QRE121J-183Y	C R	18kΩ 1/2W J
R1921	QRE121J-681Y	C R	680Ω 1/2W J
R1922	QRM059J-R22	MP R	0.22Ω 5W J
R1923	QRT029J-R39	MF R	0.39Ω 2W J
R1924	QRE121J-103Y	C R	10kΩ 1/2W J
R1925	QRE121J-102Y	C R	1kΩ 1/2W J
R1926	QRE121J-152Y	C R	1.5kΩ 1/2W J
R1929	QRE121J-332Y	C R	3.3kΩ 1/2W J
R1932	QRE121J-4R7Y	C R	4.7Ω 1/2W J
R1942	NRSA02J-223X	MG R	22kΩ 1/10W J
R1943	QRE121J-152Y	C R	1.5kΩ 1/2W J
R1944	NRSA02J-103X	MG R	10kΩ 1/10W J
R1945	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1946	NRSA02J-123X	MG R	12kΩ 1/10W J
R1947	QRE121J-470Y	C R	47Ω 1/2W J
R1948	NRSA02J-152X	MG R	1.5kΩ 1/10W J
R1949	NRSA02J-153X	MG R	15kΩ 1/10W J
R1950	NRSA02J-103X	MG R	10kΩ 1/10W J
R1951	NRSA02J-332X	MG R	3.3kΩ 1/10W J
R1952	NRSA02J-472X	MG R	4.7kΩ 1/10W J
R1959	NRSA02J-0R0X	MG R	0.0Ω 1/10W J
R1961	QRT029J-1R8	MF R	1.8Ω 2W J
R1962	QRT029J-1R8	MF R	1.8Ω 2W J
R1964	QRE121J-272Y	C R	2.7kΩ 1/2W J
R1965	QRE121J-473Y	C R	47kΩ 1/2W J
R1966	NRSA02J-223X	MG R	22kΩ 1/10W J
R1967	QRG01GJ-681	OM R	680Ω 1W J
△ R1981	QRZ0057-825	C R	8.2MΩ 1W J

CAPACITOR

C1001	QETN1HM-106Z	E CAP.	10μF 50V M
C1007	QETN1CM-477Z	E CAP.	470μF 16V M
C1008	QETN1CM-107Z	E CAP.	100μF 16V M
C1009	QETN1CM-107Z	E CAP.	100μF 16V M
C1011	NCB21HK-103X	C CAP.	0.01μF 50V K
C1101	NCB21HK-103X	C CAP.	0.01μF 50V K
C1102	NCB21HK-103X	C CAP.	0.01μF 50V K
C1103	NDC21HJ-680X	C CAP.	680pF 50V J
C1104	NCB21HK-103X	C CAP.	0.01μF 50V K
C1105	NCB21HK-103X	C CAP.	0.01μF 50V K
C1111	QETN1EM-476Z	E CAP.	47μF 25V M
C1112	NCB21HK-103X	C CAP.	0.01μF 50V K
C1113	NCB21HK-103X	C CAP.	0.01μF 50V K
C1114	NCB21HK-103X	C CAP.	0.01μF 50V K
C1116	QFV71HJ-224Z	MF CAP.	0.22μF 50V J
C1117	QETN1EM-476Z	E CAP.	47μF 25V M
C1118	NCB21HK-103X	C CAP.	0.01μF 50V K
C1119	NDC21HJ-681X	C CAP.	680pF 50V J
C1120	QETN1HM-225Z	E CAP.	2.2μF 50V M
C1123	NCB21HK-103X	C CAP.	0.01μF 50V K
C1124	NCB21HK-103X	C CAP.	0.01μF 50V K
C1161	QETN1HM-106Z	E CAP.	10μF 50V M
C1163	NDC21HJ-470X	C CAP.	47pF 50V J
C1164	NDC21HJ-470X	C CAP.	47pF 50V J
C1165	NCB21HK-103X	C CAP.	0.01μF 50V K
C1166	NCB21HK-103X	C CAP.	0.01μF 50V K
C1202	QETN1CM-107Z	E CAP.	100μF 16V M
C1207	NCB21HK-104X	C CAP.	0.1μF 50V K
C1208	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1209	QETN1CM-227Z	E CAP.	220μF 16V M
C1210	NCB21HK-103X	C CAP.	0.01μF 50V K
C1211	NDC21HJ-681X	C CAP.	680pF 50V J
C1212	NCB21HK-104X	C CAP.	0.1μF 50V K
C1213	QETN1HM-105Z	E CAP.	1μF 50V M
C1214	NCB21HK-104X	C CAP.	0.1μF 50V K
C1215	QETN1HM-106Z	E CAP.	10μF 50V M
C1251	QENC1HM-106Z	BP E CAP.	10μF 50V M
C1252	QETN1HM-106Z	E CAP.	10μF 50V M
C1254	QETN1CM-477Z	E CAP.	470μF 16V M
C1255	QETN1HM-106Z	E CAP.	10μF 50V M
C1256	QETN1CM-227Z	E CAP.	220μF 16V M
C1291	QETN1CM-107Z	E CAP.	100μF 16V M
C1292	QETN1CM-107Z	E CAP.	100μF 16V M
C1294	QETN1CM-107Z	E CAP.	100μF 16V M
C1296	QETN1CM-107Z	E CAP.	100μF 16V M

△ Symbol No. Part No. Part Name Description

CAPACITOR

C1301	NDC21HJ-150X	C CAP.	15pF	50V	J
C1302	NDC21HJ-150X	C CAP.	15pF	50V	J
C1303	NDC21HJ-120X	C CAP.	12pF	50V	J
C1304	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1305	NDC21HJ-120X	C CAP.	12pF	50V	J
C1306	QETN1EM-476Z	E CAP.	47μF	25V	M
C1307	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1308	NCB21HK-104X	C CAP.	0.1μF	50V	K
C1309	NCB21HK-104X	C CAP.	0.1μF	50V	K
C1311	QETN1HM-225Z	E CAP.	2.2μF	50V	M
C1312	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1313	QETN1HM-475Z	E CAP.	4.7μF	50V	M
C1342	QETN1HM-335Z	E CAP.	3.3μF	50V	M
C1354	NDC21HJ-271X	C CAP.	270pF	50V	J
C1355	NDC21HJ-271X	C CAP.	270pF	50V	J
C1356	NDC21HJ-331X	C CAP.	330pF	50V	J
C1357	QETN1CM-107Z	E CAP.	100μF	16V	M
△ C1382	QCZ0121-102	C CAP.	1000pF	3kV	Z
C1401	QETN1HM-105Z	E CAP.	1μF	50V	M
C1402	QETN1HM-105Z	E CAP.	1μF	50V	M
C1403	QEM61EK-225Z	E CAP.	2.2μF	25V	K
C1405	QFV71HJ-104Z	MF CAP.	0.1μF	50V	J
C1406	QFLC1HJ-103Z	M CAP.	0.01μF	50V	J
C1410	QETN1VM-107Z	E CAP.	100μF	35V	M
C1411	QETN1VM-477Z	E CAP.	470μF	35V	M
C1412	QFLC2AJ-563Z	M CAP.	0.056μF	100V	J
C1413	QETN1EM-108Z	E CAP.	1000μF	25V	M
C1414	QETN1HM-105Z	E CAP.	1μF	50V	M
C1415	QFLC1HJ-152Z	M CAP.	1500pF	50V	J
C1416	NDC21HJ-681X	C CAP.	680pF	50V	J
C1501	QETN1CM-107Z	E CAP.	100μF	16V	M
C1503	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1505	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1506	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1507	QETN1HM-105Z	E CAP.	1μF	50V	M
C1511	QETN1HM-106Z	E CAP.	10μF	50V	M
C1521	QCB32HK-151Z	C CAP.	150pF	500V	K
C1522	QCB32HK-331Z	C CAP.	330pF	500V	K
C1523	QETN2CM-105Z	E CAP.	1μF	160V	M
△ C1524	QFZ0198-78Z	MPP CAP.	7800pF1.5kVH±3%		
△ C1525	QFZ0119-434	MPP CAP.	0.43μF 200V ±3%		
△ C1526	QEZO203-476	E CAP.	47μF	160V	M
C1541	QETN2EM-106Z	E CAP.	10μF	250V	M
C1543	QETN1VM-477Z	E CAP.	470μF	35V	M
C1546	QETN1CM-227Z	E CAP.	220μF	16V	M
C1547	QETN1CM-227Z	E CAP.	220μF	16V	M
C1561	QETN1VM-107Z	E CAP.	100μF	35V	M
C1581	QFLC1HJ-473Z	M CAP.	0.047μF	50V	J
C1583	QFV71HJ-104Z	MF CAP.	0.1μF	50V	J
C1584	QFLC2AJ-103Z	M CAP.	0.01μF	100V	J
C1603	NRSA02J-0R0X	MG R	0.0Ω	1/10W	J
C1604	QENC1HM-474Z	E CAP.	0.47μF	50V	M
C1606	NRSA02J-0R0X	MG R	0.0Ω	1/10W	J
C1607	QENC1HM-474Z	E CAP.	0.47μF	50V	M
C1609	QETN1CM-107Z	E CAP.	100μF	16V	M
C1613	QETN1CM-108Z	E CAP.	1000μF	16V	M
C1615	QETN1CM-477Z	E CAP.	470μF	16V	M
C1617	QETN1CM-477Z	E CAP.	470μF	16V	M
C1622	QETN1HM-105Z	E CAP.	1μF	50V	M
C1623	QENC1HM-474Z	E CAP.	0.47μF	50V	M
C1624	QENC1HM-474Z	E CAP.	0.47μF	50V	M
C1631	QETN1EM-477Z	E CAP.	470μF	25V	M
C1637	NCB21HK-332X	C CAP.	3300pF	50V	K
C1638	NCB21HK-332X	C CAP.	3300pF	50V	K
C1651	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1652	QETN1CM-107Z	E CAP.	100μF	16V	M
C1653	QETN1EM-476Z	E CAP.	47μF	25V	M
C1654	NCB21HK-104X	C CAP.	0.1μF	50V	K
C1655	QENC1HM-475Z	E CAP.	4.7μF	50V	M
C1656	QENC1HM-105Z	E CAP.	1μF	50V	M
C1657	QETN1HM-225Z	E CAP.	2.2μF	50V	M
C1658	NCB21HK-473X	C CAP.	0.047μF	50V	K
C1659	QETN1HM-474Z	E CAP.	0.47μF	50V	M
C1660	NCB21HK-104X	C CAP.	0.1μF	50V	K
C1661	NCB21HK-104X	C CAP.	0.1μF	50V	K
C1662	QBTC1CK-335Z	TAN. CAP.	3.3μF	16V	K
C1663	QETN1HM-105Z	E CAP.	1μF	50V	M
C1664	QBTC1CK-106Z	TAN. CAP.	10μF	16V	K
C1665	QETN1HM-105Z	E CAP.	1μF	50V	M

△ Symbol No. Part No. Part Name Description

CAPACITOR

C1666	QETN1HM-105Z	E CAP.	1μF	50V	M
C1667	QETN1HM-336Z	E CAP.	33μF	50V	M
C1668	QETN1HM-105Z	E CAP.	1μF	50V	M
C1671	QETN1HM-225Z	E CAP.	2.2μF	50V	M
C1672	NCB21HK-222X	C CAP.	2200pF	50V	K
C1673	NCB21HK-104X	C CAP.	0.1μF	50V	K
C1674	QETN1HM-225Z	E CAP.	2.2μF	50V	M
C1675	NCB21HK-222X	C CAP.	2200pF	50V	K
C1676	NCB21HK-104X	C CAP.	0.1μF	50V	K
C1677	NCB21HK-223X	C CAP.	0.022μF	50V	K
C1679	QETN1HM-105Z	E CAP.	1μF	50V	M
C1682	QETN1HM-475Z	E CAP.	4.7μF	50V	M
C1683	QETN1HM-475Z	E CAP.	4.7μF	50V	M
C1684	QETN1HM-106Z	E CAP.	10μF	50V	M
C1685	QETN1HM-106Z	E CAP.	10μF	50V	M
C1686	QETN1HM-106Z	E CAP.	10μF	50V	M
C1691	QETN1HM-106Z	E CAP.	10μF	50V	M
C1692	QETN1HM-106Z	E CAP.	10μF	50V	M
C1693	NCB21HK-332X	C CAP.	3300pF	50V	K
C1694	NCB21HK-332X	C CAP.	3300pF	50V	K
C1701	NRSA02J-0R0X	MG R	0.0Ω	1/10W	J
C1703	NRSA02J-0R0X	MG R	0.0Ω	1/10W	J
C1704	NCB21HK-102X	C CAP.	1000pF	50V	K
C1706	QETN1AM-227Z	E CAP.	220μF	10V	M
C1707	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1708	QETN1HM-106Z	E CAP.	10μF	50V	M
C1711	NDC21HJ-151X	C CAP.	150pF	50V	J
C1712	NCB21HK-104X	C CAP.	0.1μF	50V	K
C1713	QETN1HM-105Z	E CAP.	1μF	50V	M
C1714	NDC21HJ-221X	C CAP.	220pF	50V	J
C1715	NCB21HK-102X	C CAP.	1000pF	50V	K
C1716	QENC1HM-474Z	E CAP.	0.47μF	50V	M
C1717	NDC21HJ-180X	C CAP.	180pF	50V	J
C1718	NDC21HJ-220X	C CAP.	22pF	50V	J
C1719	QETN1CM-107Z	E CAP.	100μF	16V	M
C1720	NCB21HK-104X	C CAP.	0.1μF	50V	K
C1723	NDC21HJ-151X	C CAP.	150pF	50V	J
C1724	QETN1HM-105Z	E CAP.	1μF	50V	M
C1725	NDC21HJ-151X	C CAP.	150pF	50V	J
C1727	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1733	QETN1EM-476Z	E CAP.	47μF	25V	M
C1734	NCB21HK-104X	C CAP.	0.1μF	50V	K
C1735	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1736	QETN1CM-107Z	E CAP.	100μF	16V	M
C1738	QETN1EM-476Z	E CAP.	47μF	25V	M
C1742	QETN1HM-225Z	E CAP.	2.2μF	50V	M
C1765	NDC21HJ-101X	C CAP.	100pF	50V	J
C1771	QETN1EM-476Z	E CAP.	47μF	25V	M
C1772	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1805	QETN1CM-227Z	E CAP.	220μF	16V	M
C1806	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1811	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1812	NCB21HK-103X	C CAP.	0.01μF	50V	K
C1813	NCB21HK-103X	C CAP.	0.01μF	50V	K
△ C1901	QFZ9040-104	MF CAP.	0.1μFAC275V		M
△ C1902	QFZ9040-104	MF CAP.	0.1μFAC275V		M
△ C1903	QCZ9078-472	C CAP.	4700pFAC250V		M
△ C1904	QCZ9078-472	C CAP.	4700pFAC250V		M
△ C1905	QCZ9078-472	C CAP.	4700pFAC250V		M
△ C1906	QEZO199-127	E CAP.	120μF	400V	M
C1921	QCZ0325-102	C CAP.	1000pF	2kV	K
C1922	QCS31HJ-471Z	C CAP.	470pF	50V	J
C1924	QETN1VM-107Z	E CAP.	100μF	35V	M
C1925	QFLC1HJ-102Z	M CAP.	1000pF	50V	J
C1926	QFLC1HJ-182Z	M CAP.	1800pF	50V	J
C1928	QFV71HJ-104Z	MF CAP.	0.1μF	50V	J
C1931	QCZ0122-391	C CAP.	390pF	2kV	K
C1941	QCZ0122-471	C CAP.	470pF	2kV	K
△ C1942	QEZO203-107	E CAP.	100μF	160V	M
C1943	QCB32HK-471Z	C CAP.	470pF	500V	K
C1944	QETN1EM-108Z	E CAP.	1000μF	25V	M
C1945	QETN1EM-227Z	E CAP.	220μF	25V	M
C1946	QETN1EM-107Z	E CAP.	100μF	25V	M
C1947	QETN1HM-106Z	E CAP.	10μF	50V	M
C1952	QETN1EM-108Z	E CAP.	1000μF	25V	M
C1953	QCZ0122-471	C CAP.	470pF	2kV	K
C1957	NDC21HJ-471X	C CAP.	470pF	50V	J
C1961	QETN1CM-107Z	E CAP.	100μF	16V	M
C1962	QETN1EM-476Z	E CAP.	47μF	25V	M
△ C1981	QCZ9079-471	C CAP.	470pFAC250V		K

△ Symbol No.	Part No.	Part Name	Description
CAPACITOR			
△ C1982	QCZ9079-102	C CAP.	1000pFAC250V M
△ C1983	QCZ9079-471	C CAP.	470pFAC250V K
C1984	QETN1VM-337Z	E CAP.	330μF 35V M

TRANSFORMER			
T1111	CELT001-209J3	CW TRANSF	or CELT001-209J2
T1521	CE42034-001	HOR DRIVE TRANS	
△ T1522	QQH0030-002	F.B.TRANSF.	
△ T1921	CETS109-001JK	SW TRANSF.	

COIL			
L1001	QQL03BJ-150Z	COIL	15μH J
L1003	QQL03BJ-4R7Z	COIL	4.7μH J
L1101	QQLZ014-R2Z	INDUCTOR	
L1113	IM-BW	BUS WIRE	
L1131	QQL03BJ-150Z	COIL	15μH J
L1161	QQL03BJ-220Z	COIL	22μH J
L1201	IM-BW	BUS WIRE	
L1205	QQL03BJ-4R7Z	COIL	4.7μH J
L1301	QQL03BJ-390Z	COIL	39μH J
L1381	QQL03BJ-390Z	COIL	39μH J
L1501	QQL03BJ-4R7Z	COIL	4.7μH J
L1701	QQL03BJ-4R7Z	COIL	4.7μH J
L1702	QQL03BJ-4R7Z	COIL	4.7μH J
L1708	QQL03BJ-560Z	COIL	56μH J
L1771	QQL03BJ-4R7Z	COIL	4.7μH J
L1941	QQL26AK-820Z	COIL	82μH K
L1942	QQL26AK-820Z	COIL	82μH K

DIODE			
D1001	MTZJ33A-T2	ZENER DIODE	
D1201	1S5133-T2	SI. DIODE	
D1202	MTZJ7.5B-T2	ZENER DIODE	
D1251	MTZJ9.1C-T2	ZENER DIODE	
D1253	MTZJ5.6A-T2	ZENER DIODE	
D1254	MTZJ5.6A-T2	ZENER DIODE	
D1255	MTZJ5.6A-T2	ZENER DIODE	
D1256	MTZJ5.6A-T2	ZENER DIODE	
D1257	MTZJ9.1C-T2	ZENER DIODE	
D1341	1S5133-T2	SI. DIODE	
D1401	1N4003-T2	SI. DIODE	
D1402	MTZJ75-T2	ZENER DIODE	
D1510	1S5133-T2	SI. DIODE	
D1541	RH15-T3	SI. DIODE	
D1542	RGP10J-5025-T3	SI. DIODE	
D1543	RGP10J-5025-T3	SI. DIODE	
D1544	RH15-T3	SI. DIODE	
△ D1561	1S581-T2	SI. DIODE	
△ D1562	MTZJ7.5S-T2	ZENER DIODE	
D1581	RGP10J-5025-T3	SI. DIODE	
D1582	MTZJ9.1B-T2	ZENER DIODE	
D1631	1S5133-T2	SI. DIODE	
D1632	1S5133-T2	SI. DIODE	
D1633	1S5133-T2	SI. DIODE	
D1634	1S5133-T2	SI. DIODE	
D1656	MTZJ9.1C-T2	ZENER DIODE	
D1657	MTZJ9.1C-T2	ZENER DIODE	
D1691	MTZJ9.1C-T2	ZENER DIODE	
D1692	MTZJ9.1C-T2	ZENER DIODE	
D1701	1S5133-T2	SI. DIODE	
D1702	1S5133-T2	SI. DIODE	
D1704	1S5133-T2	SI. DIODE	
D1705	MTZJ5.6A-T2	ZENER DIODE	
D1706	SLR-342VR-T16	LED	
D1707	SLR-342DU-T16	LED	
D1771	MTZJ6.2B-T2	ZENER DIODE	
D1772	MTZJ6.2B-T2	ZENER DIODE	
D1801	MTZJ15B-T2	ZENER DIODE	
D1802	MTZJ15B-T2	ZENER DIODE	
D1803	MTZJ15B-T2	ZENER DIODE	
D1805	MTZJ15B-T2	ZENER DIODE	
△ D1901	D25BA60	BRIDGE DIODE	
D1903	RGP10J-5025-T3	SI. DIODE	
D1905	MTZJ6.8A-T2	ZENER DIODE	
D1921	RGP10J-5025-T3	SI. DIODE	
D1922	RGP10J-5025-T3	SI. DIODE	
D1923	MTZJ15A-T2	ZENER DIODE	
D1924	1S5133-T2	SI. DIODE	
D1927	1S5133-T2	SI. DIODE	
D1928	1S5133-T2	SI. DIODE	
D1929	MTZJ15A-T2	ZENER DIODE	

△ Symbol No.	Part No.	Part Name	Description
DIODE			
D1941	RU3AM-LFC4	SI. DIODE	
D1942	RGP10J-5025-T3	SI. DIODE	
D1943	1S5133-T2	SI. DIODE	
D1944	IM-BW	BUS WIRE	
D1945	MTZJ5.6B-T2	ZENER DIODE	
D1948	RGP10J-5025-T3	SI. DIODE	
D1961	MTZJ7.5S-T2	ZENER DIODE	
D1962	1S5133-T2	SI. DIODE	

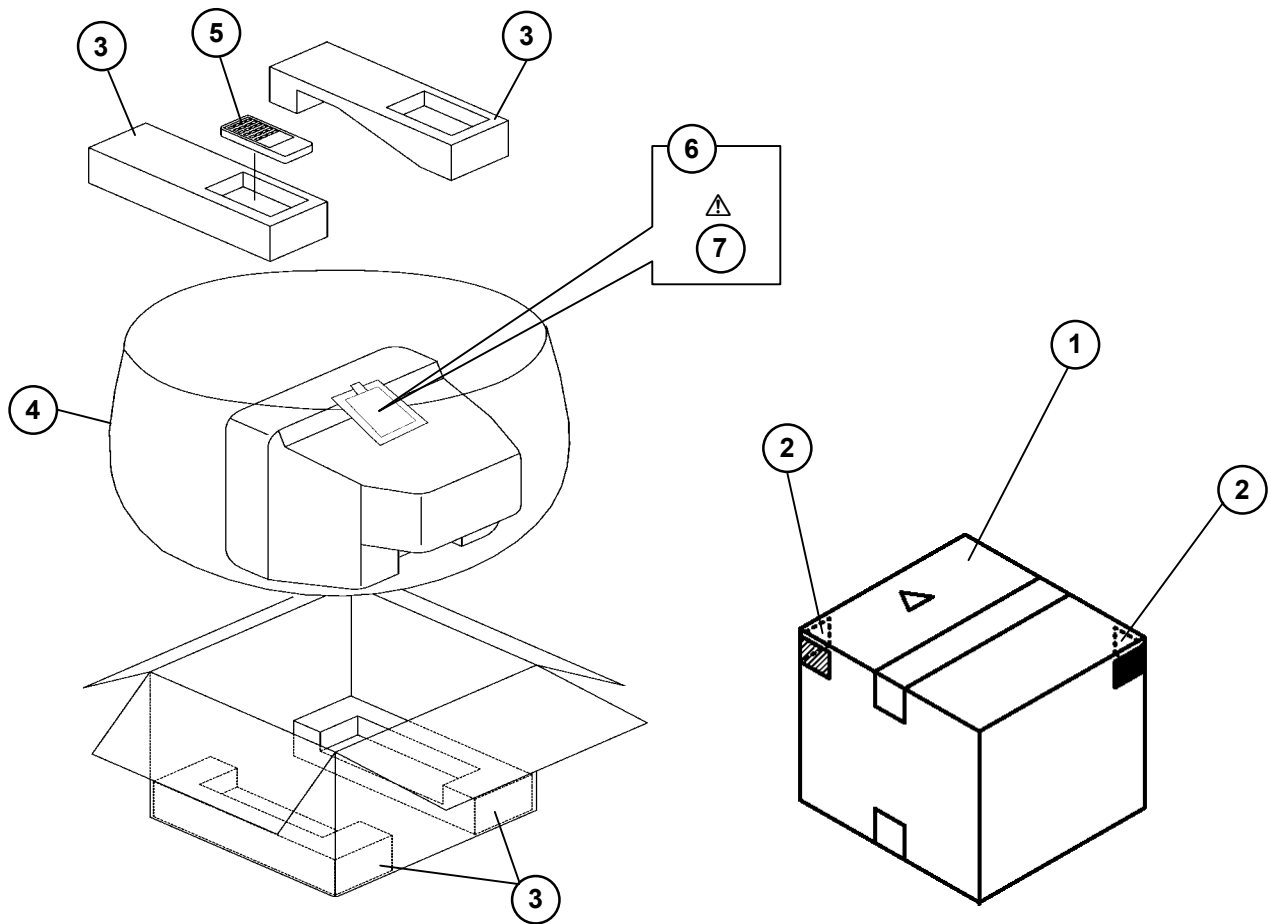
TRANSISTOR			
Q1101	2SC5083/L-P/-T	SI. TRANSISTOR	
Q1111	DTC124EKA-X	DIGI. TRANSISTOR	
Q1161	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1131	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1201	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1202	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1251	2SC1740S/QR/-T	SI. TRANSISTOR	
Q1301	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1302	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1341	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1342	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1351	2SC4544-LB	POWER TRANSISTOR	
Q1352	2SC4544-LB	POWER TRANSISTOR	
Q1353	2SC4544-LB	POWER TRANSISTOR	
Q1401	2SC2412K/QR/-X	SI. TRANSISTOR	
△ Q1521	BSN304-T	MOS FET	
△ Q1522	2SD1878-YD	POWER TRANSISTOR	H.OUT
Q1511	2SC2785/JH/-T	SI. TRANSISTOR	
Q1601	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1603	DTC323TK-X	DIGI. TRANSISTOR	
Q1604	DTC323TK-X	DIGI. TRANSISTOR	
Q1605	DTC323TK-X	DIGI. TRANSISTOR	
Q1631	2SA1037AK/QR/-X	SI. TRANSISTOR	
Q1651	DTC323TK-X	DIGI. TRANSISTOR	
Q1652	DTC323TK-X	DIGI. TRANSISTOR	
Q1653	DTC323TK-X	DIGI. TRANSISTOR	
Q1654	DTC323TK-X	DIGI. TRANSISTOR	
Q1701	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1702	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1703	DTC124EKA-X	DIGI. TRANSISTOR	
Q1705	DTC124EKA-X	DIGI. TRANSISTOR	
Q1761	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1921	2SA933AS/QR/-T	SI. TRANSISTOR	
Q1941	2SA966/OY/-T	SI. TRANSISTOR	
Q1942	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1943	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1944	2SC2412K/QR/-X	SI. TRANSISTOR	
Q1961	2SA949/Y/Z1-T	SI. TRANSISTOR	

IC			
IC1001	AN78L05-T	IC	
IC1101	M52342SP	IC	
IC1201	TB1230AN	IC	
IC1251	BA7612N	IC	
IC1291	AN78N05	IC	
IC1292	AN78L09-T	IC	
IC1293	KIA78L05BP-T	I C	
△ IC1401	LA7840	I C	
IC1541	AN7809F	IC	
△ IC1601	LA4485	I C	
IC1651	UPC1851BCU	IC	
IC1701	M37272MAH-505SP	IC(MCU)	
IC1702	L78LR05E-MA	IC	
IC1703	GP1U281Q	IR DETECT UNIT	
IC1704	AT24C02-14F33PH	IC	(SERVICE)
△ IC1921	STR-F6654	IC(HYBRID)	
△ IC1941	SE135N	I C	

OTHERS			
CF1001	LC30114-001C-H	LED HOLDER	
CF1131	QAX0349-001	C TRAP	
CF1161	QAX0639-001Z	C TRAP	
△ CP1941	ICP-N75-Y	I.C.PROTECT	
△ CP1942	ICP-N50-Y	I.C.PROTECT	
EF1301	CE42142-222Z	EMI FILTER	
△ F1901	QMF51E2-3R15J4	FUSE	3.15A
FC1901	CEMG002-001Z	FUSE CLIP	
FC1902	CEMG002-001Z	FUSE CLIP	
△ FR1542	QRZ9023-1R0	F R	1.0 Ω 2W J
△ FR1561	QRZ9017-4R7	F R	4.7 Ω 1/4W J
△ FR1585	QRZ9021-1R5	F R	1.5 Ω 1W J

△ Symbol No.	Part No.	Part Name	Description
OTHERS			
△ FR1586	QRE121J-332Y	C R	3.3kΩ 1/2W J
△ FR1621	QRZ9023-1R5	F R	1.5 Ω 2W J
△ FR1720	QRZ9017-270	F R	27 Ω 1/4W J
J1001	QNN0349-001	PIN JACK	
J1002	QNN0349-001	PIN JACK	
J1003	CEM065-001	PIN JACK	or QNN0281-003
J1004	CEM065-002	PIN JACK	or QNN0281-002
J1005	CEM072-003	PIN JACK	or QNN0282-001
J1006	QNS0155-001	3.5 JACK	
K1401	QQR0621-001Z	FERRITE BEADS	
K1521	IM-BW	BUS WIRE	
K1921	QQR0621-001Z	FERRITE BEADS	
K1922	IM-BW	BUS WIRE	
K1923	QQR0582-001Z	FERRITE BEADS	
K1941	QQR0621-001Z	FERRITE BEADS	
K1942	QQR0582-001Z	FERRITE BEADS	
K1943	QQR0621-001Z	FERRITE BEADS	
△ LF1901	QQR0673-002	LINE FILTER	
△ PC1921	TLP621(GR)-LF2	PHOTO COUPLER	
SF1101	QAX0324-002	SAW FILTER	
△ SK1351	CE42535-001	C R T SOCKET	
S1701	QSW0619-003Z	TACT SWITCH	VOL+
S1702	QSW0619-003Z	TACT SWITCH	VOL-
S1703	QSW0619-003Z	TACT SWITCH	CH+
S1704	QSW0619-003Z	TACT SWITCH	CH-
S1705	QSW0619-003Z	TACT SWITCH	MENU
△ S1901	QSP4K21-C01	PUSH SWITCH	POWER
△ TH1901	QAD0101-9R0	THERMISTOR	
TU1001	QAU0190-002	TUNER	
△ VA1901	ERZV10V621CS	VARISTOR	
X1301	QAX0305-001Z	CRYSTAL	
X1701	QAX0468-001Z	CRYSTAL	or QAX0397-001Z

PACKING



PACKING PARTS LIST

[AV-20N13/PH]

△ Ref.No.	Part No.	Part Name	Description
1	GG10056-074A-H	PACKING CASE	
2	GG20025-001A-H	CORNER LABEL	2pcs in 1set
3	LC10469-001B	CHUSION ASSY	4pcs in 1set
4	CP30967-003-H	POLY BAG	or CP30967-005-H
5	RM-C372GY-1H	REMOCON UNIT	
6	QPA02503505P	POLY BAG	
△ 7	LCT1205-001A-H	INST BOOK	

[AV-20N33/PH]

△ Ref.No.	Part No.	Part Name	Description
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6	QPA02503505P	POLY BAG	
△ 7	LCT1205-001A-H	INST BOOK	

AV-20N13
AV-20N33

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VICTOR COMPANY OF JAPAN, LIMITED

HOME AV NETWORK BUSINESS UNIT 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama, Kanagawa-prefecture, 221-8528, Japan

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AV-20N13-PH AV-21N33-PH



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