

# 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  $\text{—}$  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%	+50%	+80%	+100%
						-10%	-10%	-20%	-0%

## CONTENTS

■ USING PW BOARD & REMOTE CONTROL UNIT .....	34
■ REMOTE CONTROL UNIT PARTS LIST .....	35
■ EXPLODED VIEW PARTS LIST .....	36
■ EXPLODED VIEW .....	37
■ PRINTED WIRING BOARD PARTS LIST	
<b>[ AV-21F3 ]</b>	
● MAIN PW BOARD ASS'Y (SCG-1411A-H2) (With CRT SOCKET PW BOARD) .....	38
<b>[ AV-21FR3 ]</b>	
● MAIN PW BOARD ASS'Y (SCG-1402A-H2) (With CRT SOCKET PW BOARD) .....	42
<b>[ AV-21FMG3B ]</b>	
● MAIN PW BOARD ASS'Y (SCG-1432A-H2) (With CRT SOCKET PW BOARD) .....	46
■ PACKING PARTS LIST .....	50
■ PACKING .....	51

## USING PW BOARD & REMOTE CONTROL UNIT

Model \ PWB ASS'Y	MAIN PWB	REMOTE CONTROL UNIT
AV-21F3	SCG-1411A-H2	RM-C364GY-1H
AV-21FR3	SCG-1402A-H2	RM-C90-1H
AV-21FMG3B	SCG-1432A-H2	RM-C364-1H

## REMOTE CONTROL UNIT PARTS LIST

### [ AV-21F3 ] (RM-C364GY-1H)

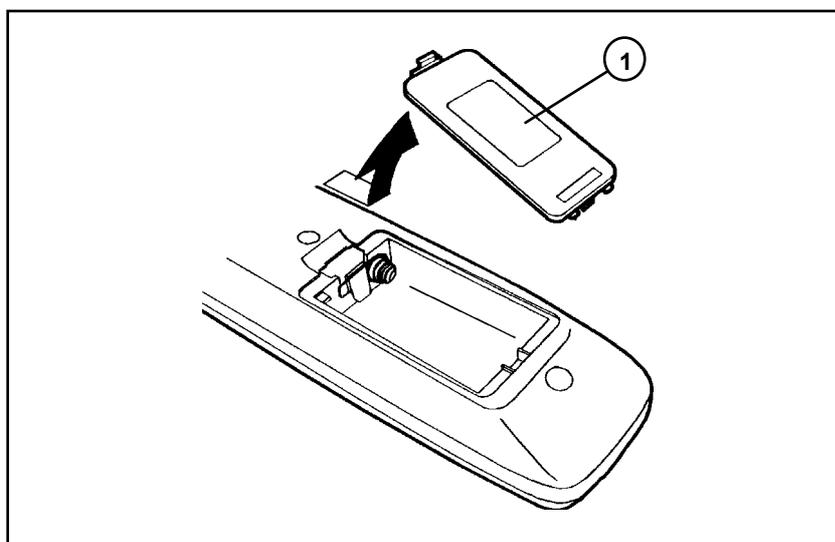
△ Ref.No.	Part No.	Part Name.	Description
1	25-1168F	BATTERY COVER	

### [ AV-21FR3 ] (RM-C90-1H)

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

### [ AV-21FMG3B ] (RM-C364-1H)

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

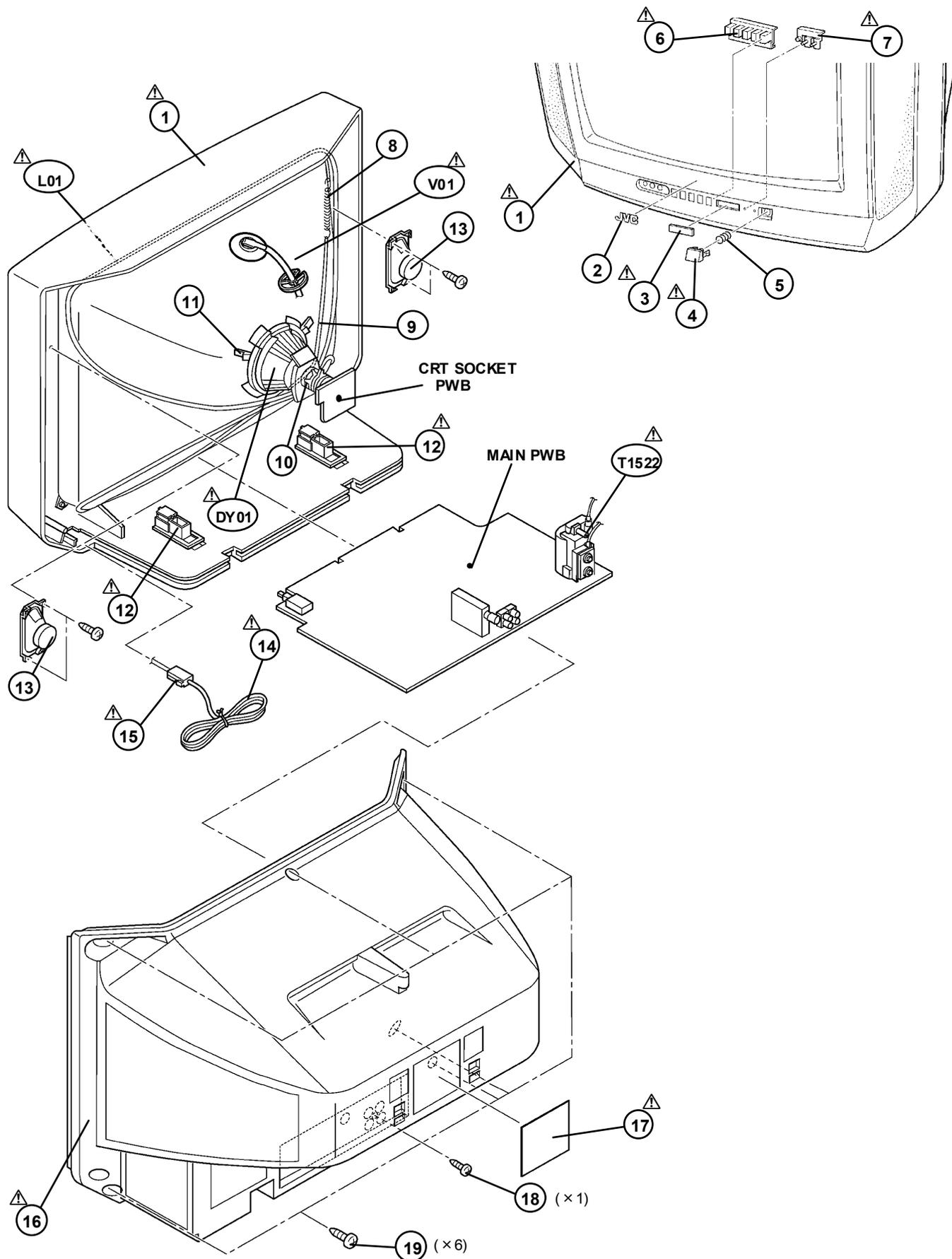


AV-21F3  
 AV-21FR3  
 AV-21FMG3B

## EXPLODED VIEW PARTS LIST

△ Ref.No.	Part No.	Part Name	Description
<b>AV-21F3</b>			
△ V01	A51KQK99X	PICTURE TUBE	
△ L01	QQW0077-001	DEG COIL	or QQW0076-001
△ DY01	QQD0061-001	DEF YOKE	
△ T1522	QQH0134-001	F B T	
△ 1	LC10394-038A-H	FRONT CABINET	
△ 2	CM48006-007-C	JVC MARK	
△ 3	LC30617-001C-H	E . E . WINDOW	
△ 4	LC30616-004A-H	POWER KNOB	
△ 5	CM35235-006-H	SPRING	
△ 6	LC20292-004A-H	CONTROL KNOB	
△ 7	LC30618-001B-H	LED LENS	
△ 8	A48457-3-H	SPRING	
△ 9	CHGB0016-0B-FH	BRAIDED WIRE	
△ 10	A75034-B	P C MAGNET	or CE42378-00B
△ 11	CE42764-00A	WEDGE ASSY	(X3)
△ 12	CM36623-B01-H	CHASSIS RAIL	(X2)
△ 13	QAS0036-001	SPEAKER	(X2)SP01
△ 14	QMPR340-165-K2	POWER CORD	
△ 15	CM47005-A01-H	CORD CLAMP	
△ 16	LC10448-002B-H	REAR COVER	
△ 17	LC20377-010B-H	RATING LABEL	
△ 18	QYSBSF3010Z	TAP SCREW	(X1)For REAR COVER
△ 19	QYSBSFG4016Z	TAP SCREW	(X6)For REAR COVER
<b>AV-21FR3</b>			
△ V01	A51KQK99X	PICTURE TUBE	
△ L01	QQW0077-001	DEG COIL	or QQW0076-001
△ DY01	QQD0061-001	DEF YOKE	
△ T1522	QQH0134-001	F B T	
△ 1	LC10394-037A-H	FRONT CABINET	
△ 2	CM48006-007-C	JVC MARK	
△ 3	LC30617-001C-H	E . E . WINDOW	
△ 4	LC30616-004A-H	POWER KNOB	
△ 5	CM35235-006-H	SPRING	
△ 6	LC20292-004A-H	CONTROL KNOB	
△ 7	LC30618-001B-H	LED LENS	
△ 8	A48457-3-H	SPRING	
△ 9	CHGB0016-0B-FH	BRAIDED WIRE	
△ 10	A75034-B	P C MAGNET	or CE42378-00B
△ 11	CE42764-00A	WEDGE ASSY	(X3)
△ 12	CM36623-B01-H	CHASSIS RAIL	(X2)
△ 13	QAS0036-001	SPEAKER	(X2)SP01
△ 14	QMPR340-165-K2	POWER CORD	
△ 15	CM47005-A01-H	CORD CLAMP	
△ 16	LC10448-002B-H	REAR COVER	
△ 17	LC20377-001B-H	RATING LABEL	
△ 18	QYSBSF3010Z	TAP SCREW	(X1)For REAR COVER
△ 19	QYSBSFG4016Z	TAP SCREW	(X6)For REAR COVER
<b>AV-21FMG3B</b>			
△ V01	A51KQK99X	PICTURE TUBE	
△ L01	QQW0077-001	DEG COIL	or QQW0076-001
△ DY01	QQD0061-001	DEF YOKE	
△ T1522	QQH0131-001	F B T	
△ 1	LC10394-039A-H	FRONT CABINET	
△ 2	CM48006-007-C	JVC MARK	
△ 3	LC30617-001C-H	E . E . WINDOW	
△ 4	LC30616-004A-H	POWER KNOB	
△ 5	CM35235-006-H	SPRING	
△ 6	LC20292-004A-H	CONTROL KNOB	
△ 7	LC30618-001B-H	LED LENS	
△ 8	A48457-3-H	SPRING	
△ 9	CHGB0016-0B-FH	BRAIDED WIRE	
△ 10	A75034-B	P C MAGNET	or CE42378-00B
△ 11	CE42764-00A	WEDGE ASSY	(X3)
△ 12	CM36623-B01-H	CHASSIS RAIL	(X2)
△ 13	QAS0036-001	SPEAKER	(X2)SP01
△ 14	QMPR340-165-K2	POWER CORD	
△ 15	CM47005-A01-H	CORD CLAMP	
△ 16	LC10448-002B-H	REAR COVER	
△ 17	LC20377-010B-H	RATING LABEL	
△ 18	QYSBSF3010Z	TAP SCREW	(X1)For REAR COVER
△ 19	QYSBSFG4016Z	TAP SCREW	(X6)For REAR COVER

# EXPLODED VIEW



# PRINTED WIRING BOARD PARTS LIST

[ AV-21F3 ]

## MAIN P.W. BOARD ASS'Y (SCG-1411A-H2)

Symbol No.	Part No.	Part Name	Description
<b>RESISTOR</b>			
R1002	NRSA63J-221X	MG R	220Ω 1/16W J
R1008	NRSA63J-221X	MG R	220Ω 1/16W J
R1004	NRSA63J-563X	MG R	56kΩ 1/16W J
R1102	NRSA63J-750X	MG R	75Ω 1/16W J
R1108	NRSA63J-100X	MG R	10Ω 1/16W J
R1109	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1110	NRSA63J-272X	MG R	2.7kΩ 1/16W J
R1111	NRSA63J-181X	MG R	180Ω 1/16W J
R1112	NRSA63J-100X	MG R	10Ω 1/16W J
R1113	NRSA63J-101X	MG R	100Ω 1/16W J
R1120	NRSA63J-391X	MG R	390Ω 1/16W J
R1121	NRSA63J-221X	MG R	220Ω 1/16W J
R1159	NRSA02J-184X	MG R	180kΩ 1/10W J
R1301	NRSA63J-221X	MG R	220Ω 1/16W J
R1302	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1308	NRSA63J-101X	MG R	100Ω 1/16W J
R1304	NRSA63J-101X	MG R	100Ω 1/16W J
R1305	NRSA63J-101X	MG R	100Ω 1/16W J
R1306	NRSA63J-221X	MG R	220Ω 1/16W J
R1307	NRSA63J-122X	MG R	1.2kΩ 1/16W J
R1308	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R1312	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1313	NRSA63J-102X	MG R	1kΩ 1/16W J
R1314	NRSA63J-102X	MG R	1kΩ 1/16W J
R1321	NRSA63J-152X	MG R	1.5kΩ 1/16W J
R1322	NRSA63J-272X	MG R	2.7kΩ 1/16W J
R1323	NRSA63J-103X	MG R	10kΩ 1/16W J
R1324	NRSA63J-102X	MG R	1kΩ 1/16W J
R1326	NRSA63J-101X	MG R	100Ω 1/16W J
R1327	NRSA02J-475X	MG R	4.7MΩ 1/10W J
R1341	NRSA63J-332X	MG R	3.3kΩ 1/16W J
R1347	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1349	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1351	NRSA63J-151X	MG R	150Ω 1/16W J
R1352	NRSA63J-151X	MG R	150Ω 1/16W J
R1353	NRSA63J-151X	MG R	150Ω 1/16W J
R1354	NRSA63J-331X	MG R	330Ω 1/16W J
R1355	NRSA63J-331X	MG R	330Ω 1/16W J
R1356	NRSA63J-331X	MG R	330Ω 1/16W J
R1357	NRSA63J-101X	MG R	100Ω 1/16W J
R1358	NRSA63J-101X	MG R	100Ω 1/16W J
R1359	NRSA63J-101X	MG R	100Ω 1/16W 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	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R1367	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R1368	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R1372	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1374	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1401	NRSA63J-103X	MG R	10kΩ 1/16W J
R1421	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1423	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1424	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1425	NRSA63J-332X	MG R	3.3kΩ 1/16W J
R1426	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1429	NRSA63J-103X	MG R	10kΩ 1/16W J
R1430	NRSA63J-823X	MG R	82kΩ 1/16W J
R1431	NRSA63J-103X	MG R	10kΩ 1/16W J
R1432	QRE121J-3R9Y	C R	3.9Ω 1/2W J
R1433	QRE121J-2R7Y	C R	2.7Ω 1/2W J
R1436	NRSA63J-823X	MG R	82kΩ 1/16W J
R1437	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R1438	NRSA63J-223X	MG R	22kΩ 1/16W J
R1439	NRSA63J-104X	MG R	100kΩ 1/16W J
R1440	QRE121J-471Y	C R	470Ω 1/2W J
R1441	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R1442	NRSA63J-103X	MG R	10kΩ 1/16W J
R1443	QRE121J-1R0Y	C R	1.0Ω 1/2W J

Symbol No.	Part No.	Part Name	Description
<b>RESISTOR</b>			
R1453	NRSA63J-272X	MG R	2.7kΩ 1/16W J
R1502	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1503	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1525	QRL029J-180	OM R	18Ω 2W J
R1526	QRE121J-271Y	C R	27Ω 1/2W J
R1529	QRL029J-681	OM R	680Ω 2W J
R1531	NRSA63J-331X	MG R	330Ω 1/16W J
R1532	NRSA63J-102X	MG R	1kΩ 1/16W J
R1551	QRZ9011-1R0	F R	1.0Ω 1/2W J
R1552	QRJ146J-2R2X	C R	2.2Ω 1/4W J
R1554	QRE121J-681Y	C R	68Ω 1/2W J
R1571	QRE121J-222Y	C R	2.2kΩ 1/2W J
R1573	QRT029J-1R5	MF R	1.5Ω 2W J
R1574	QRT029J-1R5	MF R	1.5Ω 2W J
R1576	QRE121J-223Y	C R	22kΩ 1/2W J
R1577	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1578	NRSA63J-103X	MG R	10kΩ 1/16W J
R1581	QRE121J-182Y	C R	1.8kΩ 1/2W J
R1582	NRSA63J-223X	MG R	22kΩ 1/16W J
R1583	NRSA63J-393X	MG R	39kΩ 1/16W J
R1651	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1652	NRSA63J-102X	MG R	1kΩ 1/16W J
R1653	NRSA63J-331X	MG R	330Ω 1/16W J
R1654	NRSA63J-223X	MG R	22kΩ 1/16W J
R1655	NRSA63J-473X	MG R	47kΩ 1/16W J
R1656	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R1657	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R1658	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R1659	QRE121J-4R7Y	C R	4.7Ω 1/2W J
R1660	NRSA63J-153X	MG R	15kΩ 1/16W J
R1661	QRE121J-271Y	C R	27Ω 1/2W J
R1662	QRE121J-271Y	C R	27Ω 1/2W J
R1664	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1665	NRSA63J-103X	MG R	10kΩ 1/16W J
R1666	NRSA63J-101X	MG R	100Ω 1/16W J
R1667	QRE121J-101Y	C R	100Ω 1/2W J
R1668	QRT029J-5R6	MF R	5.6Ω 2W J
R1701	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R1702	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1703	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1704	NRSA63J-221X	MG R	220Ω 1/16W J
R1705	NRSA63J-221X	MG R	220Ω 1/16W J
R1706	NRSA63J-561X	MG R	56Ω 1/16W J
R1707	NRSA63J-561X	MG R	56Ω 1/16W J
R1708	NRSA63J-102X	MG R	1kΩ 1/16W J
R1709	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1710	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1711	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1712	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1713	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1714	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1715	NRSA63J-221X	MG R	220Ω 1/16W J
R1716	NRSA63J-221X	MG R	220Ω 1/16W J
R1718	NRSA63J-561X	MG R	56Ω 1/16W J
R1719	NRSA63J-102X	MG R	1kΩ 1/16W J
R1720	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1721	NRSA63J-103X	MG R	10kΩ 1/16W J
R1723	QRL029J-270	OM R	27Ω 3W J
R1725	NRSA63J-102X	MG R	1kΩ 1/16W J
R1726	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1727	NRSA63J-153X	MG R	15kΩ 1/16W J
R1728	NRSA63J-102X	MG R	1kΩ 1/16W J
R1729	NRSA63J-102X	MG R	1kΩ 1/16W J
R1730	NRSA63J-103X	MG R	10kΩ 1/16W J
R1731	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1736	NRSA63J-823X	MG R	82kΩ 1/16W J
R1737	NRSA63J-104X	MG R	100kΩ 1/16W J
R1738	NRSA63J-103X	MG R	10kΩ 1/16W J
R1739	NRSA63J-103X	MG R	10kΩ 1/16W J
R1740	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1741	NRSA63J-561X	MG R	56Ω 1/16W J
R1742	NRSA63J-563X	MG R	56kΩ 1/16W J

## [ AV-21F3 ]

Symbol No.	Part No.	Part Name	Description
<b>RESISTOR</b>			
R1746	NRS463J-103X	MG R	10kΩ 1/16W J
R1747	NRS463J-0ROX	MG R	0.0Ω 1/16W J
R1748	NRS463J-101X	MG R	100Ω 1/16W J
R1749	NRS463J-472X	MG R	4.7kΩ 1/16W J
R1771	NRS463J-821X	MG R	820Ω 1/16W J
R1772	NRS463J-821X	MG R	820Ω 1/16W J
R1791	NRS463J-221X	MG R	220Ω 1/16W J
R1792	NRS463J-221X	MG R	220Ω 1/16W J
R1793	NRS463J-221X	MG R	220Ω 1/16W J
R1794	NRS463J-221X	MG R	220Ω 1/16W J
R1795	NRS463J-221X	MG R	220Ω 1/16W J
R1796	NRS463J-103X	MG R	10kΩ 1/16W J
R1797	NRS463J-153X	MG R	15kΩ 1/16W J
R1802	NRS463J-750X	MG R	75Ω 1/16W J
R1806	QRE121J-271Y	C R	270Ω 1/2W J
R1807	NRS463J-680X	MG R	68Ω 1/16W J
R1810	QRG01GJ-560	OM R	56Ω 1W J
R1811	NRS463J-221X	MG R	220Ω 1/16W J
R1815	QRE121J-181Y	C R	180Ω 1/2W J
R1816	NRS463J-681X	MG R	680Ω 1/16W J
R1817	NRS463J-472X	MG R	4.7kΩ 1/16W J
R1901	QRF104K-3R9	UNF R	3.9Ω 10W K
R1903	QRL029J-104	OM R	100kΩ 2W J
R1904	QRL039J-151	OM R	150Ω 3W J
R1906	QRL029J-104	OM R	100kΩ 2W J
R1921	QRE121J-2R2Y	C R	2.2Ω 1/2W J
R1922	QRE121J-221Y	C R	220Ω 1/2W J
R1923	QRM034J-R22	M P R	0.22kΩ 3W J
R1928	QRL039J-683	OM R	68kΩ 3W J
R1933	QRE121J-4R7Y	C R	4.7Ω 1/2W J
R1934	NRS463J-683X	MG R	68kΩ 1/16W J
R1935	QRE121J-562Y	C R	5.6kΩ 1/2W J
R1974	NRS463J-222X	MG R	2.2kΩ 1/16W J
R1976	QRT029J-8R2	MF R	8.2Ω 2W J
R1977	QRE121J-122Y	C R	1.2kΩ 1/2W J
R1978	NRS463J-473X	MG R	47kΩ 1/16W J
R1979	QRL039J-220	OM R	22Ω 3W J
R1980	QRL029J-152	OM R	1.5kΩ 2W J
R1991	QRZ9046-825Z	C R	8.2MΩ 1/2W K

## CAPACITOR

C1001	QETNLHM-106Z	E CAP.	10μF 50V M
C1002	NCB31HK-103X	C CAP.	0.01μF 50V K
C1004	QETNLHM-477Z	E CAP.	470μF 16V M
C1005	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1008	QETNLHM-475Z	E CAP.	4.7μF 50V M
C1103	QETNLEM-476Z	E CAP.	47μF 25V M
C1104	NCB31HK-472X	C CAP.	4700pF 50V K
C1105	NCB31HK-472X	C CAP.	4700pF 50V K
C1106	NCB31HK-472X	C CAP.	4700pF 50V K
C1107	NCB31HK-472X	C CAP.	4700pF 50V K
C1110	NRS463J-0ROX	MG R	0.0Ω 1/16W J
C1112	QETNLEM-476Z	E CAP.	47μF 25V M
C1113	NCB31HK-472X	C CAP.	4700pF 50V K
C1114	NCB31HK-103X	C CAP.	0.01μF 50V K
C1115	NCB31HK-103X	C CAP.	0.01μF 50V K
C1116	NCB31HK-103X	C CAP.	0.01μF 50V K
C1117	QFV71HJ-224Z	MF CAP.	0.22μF 50V J
C1119	QETNLHM-474Z	E CAP.	0.47μF 50V M
C1120	NDC31HJ-121X	C CAP.	120pF 50V J
C1121	NCB31HK-103X	C CAP.	0.01μF 50V K
C1122	NCB31HK-103X	C CAP.	0.01μF 50V K
C1162	NCB31HK-152X	C CAP.	1500pF 50V K
C1301	NCB31HK-123X	C CAP.	0.012μF 50V K
C1302	QETNLHM-475Z	E CAP.	4.7μF 50V M
C1303	NDC31HJ-100X	C CAP.	10pF 50V J
C1304	QFV71HJ-474Z	MF CAP.	0.47μF 50V J
C1305	QETNLHM-474Z	E CAP.	0.47μF 50V M
C1306	NCB31HK-103X	C CAP.	0.01μF 50V K
C1307	QETNLHM-477Z	E CAP.	470μF 16V M
C1308	QETNLHM-107Z	E CAP.	100μF 16V M
C1309	NCB31HK-103X	C CAP.	0.01μF 50V K
C1310	NDC31HJ-221X	C CAP.	220pF 50V J
C1311	NCB31HK-103X	C CAP.	0.01μF 50V K

## CAPACITOR

C1312	QENCLHM-474Z	BP E CAP.	0.47μF 50V M
C1313	QETNLHM-335Z	E CAP.	3.3μF 50V M
C1314	NCB31HK-103X	C CAP.	0.01μF 50V K
C1315	QETNLHM-107Z	E CAP.	100μF 16V M
C1316	QETNLHM-106Z	E CAP.	10μF 50V M
C1317	NCB31EK-473X	C CAP.	0.047μF 25V K
C1321	NDC31HJ-120X	C CAP.	12pF 50V J
C1322	NCB31EK-273X	C CAP.	0.027μF 25V K
C1323	QETNLHM-474Z	E CAP.	0.47μF 50V M
C1324	QETNLHM-106Z	E CAP.	10μF 50V M
C1325	QENCLHM-106Z	BP E CAP.	10μF 50V M
C1326	NCS21HJ-221X	C CAP.	220pF 50V J
C1341	QETNLHM-106Z	E CAP.	10μF 50V M
C1352	QFZ0097-103	MM CAP.	0.01μF 1250V K
C1354	NDC31HJ-271X	C CAP.	270pF 50V J
C1355	NDC31HJ-221X	C CAP.	220pF 50V J
C1356	NDC31HJ-331X	C CAP.	330pF 50V J
C1357	QETNLHM-477Z	E CAP.	470μF 10V M
C1365	QENCLHM-105Z	E CAP.	1μF 50V M
C1366	QENCLHM-105Z	E CAP.	1μF 50V M
C1367	QENCLHM-105Z	E CAP.	1μF 50V M
C1401	QFV71HJ-474Z	MF CAP.	0.47μF 50V J
C1423	QCS32HJ-180Z	C CAP.	18pF 500V J
C1424	QFLC2AJ-103Z	M CAP.	0.01μF 100V J
C1426	QFLC1HJ-102Z	M CAP.	1000pF 50V J
C1427	QETNLHM-107Z	E CAP.	100μF 35V M
C1428	QETNLHM-107Z	E CAP.	100μF 35V M
C1429	QETNLHM-106Z	E CAP.	10μF 50V M
C1430	QFN32AJ-472Z	M CAP.	4700pF 100V J
C1433	QETNLHM-475Z	E CAP.	4.7μF 50V M
C1435	QETNLEM-228	E CAP.	2200pF 25V M
C1436	QFV71HJ-334Z	MF CAP.	0.33μF 50V J
C1437	NCB31HK-104X	C CAP.	0.1μF 50V K
C1501	QETNLHM-477Z	E CAP.	470μF 10V M
C1502	NCB31HK-103X	C CAP.	0.01μF 50V K
C1508	QETNLHM-106Z	E CAP.	10μF 50V M
C1523	QETNLEM-476Z	E CAP.	47μF 25V M
△ C1525	QFZ000-97Z	MPP CAP.	9700pF 1.5kVH±3%
C1526	QFLC1HJ-103Z	M CAP.	0.01μF 50V J
△ C1527	QFZ0199-334	M P P CAP.	0.33μF 250V J
C1529	QFN32AJ-102Z	M CAP.	1000pF 100V J
C1531	QEZ0203-107	E CAP.	100μF 160V M
C1552	QETNLHM-108	E CAP.	1000μF 35V M
C1554	QETNLEM-475Z	E CAP.	4.7μF 250V M
C1555	QFLC2AJ-104Z	M CAP.	0.1μF 100V J
C1557	QETNLHM-107Z	E CAP.	100μF 50V M
C1571	QETNLHM-107Z	E CAP.	100μF 10V M
C1572	QETNLEM-476Z	E CAP.	47μF 25V M
C1581	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1652	NCB31HK-473X	C CAP.	0.047μF 50V K
C1653	QETNLHM-106Z	E CAP.	10μF 50V M
C1654	QETNLHM-477Z	E CAP.	470μF 16V M
C1655	QETNLHM-106Z	E CAP.	10μF 50V M
C1656	QENCLHM-105Z	E CAP.	1μF 50V M
C1657	QETNLEM-107Z	E CAP.	100μF 25V M
C1658	QETNLEM-227Z	E CAP.	220μF 25V M
C1659	QETNLHM-475Z	E CAP.	4.7μF 50V M
C1663	NCB31HK-102X	C CAP.	1000pF 50V K
C1664	QETNLHM-107Z	E CAP.	100μF 16V M
C1665	NCB31HK-103X	C CAP.	0.01μF 50V K
C1701	QETNLHM-106Z	E CAP.	10μF 50V M
C1705	QETNLHM-477Z	E CAP.	470μF 16V M
C1706	NCB31HK-104X	C CAP.	0.1μF 50V K
C1707	NCB31HK-103X	C CAP.	0.01μF 50V K
C1708	QETNLHM-108Z	E CAP.	1000μF 10V M
C1709	NCB31HK-103X	C CAP.	0.01μF 50V K
C1710	QETNLHM-107Z	E CAP.	100μF 16V M
C1711	NCB31HK-103X	C CAP.	0.01μF 50V K
C1712	NCB31HK-103X	C CAP.	0.01μF 50V K
C1713	NCB31HK-103X	C CAP.	0.01μF 50V K
C1716	NDC31HJ-181X	C CAP.	180pF 50V J
C1717	NDC31HJ-181X	C CAP.	180pF 50V J
C1718	NCB31HK-103X	C CAP.	0.01μF 50V K
C1719	QETNLHM-105Z	E CAP.	1μF 50V M
C1720	NCB31HK-103X	C CAP.	0.01μF 50V K
C1721	NCB31EK-333X	C CAP.	0.033μF 25V K

[ AV-21F3 ]

Symbol No.	Part No.	Part Name	Description
<b>CAPACITOR</b>			
C172	NDC31HJ-101X	C CAP.	100pF 50V J
C174	NDC31HJ-560X	C CAP.	56pF 50V J
C178	NDC31HJ-181X	C CAP.	180pF 50V J
C179	NDC31HJ-181X	C CAP.	180pF 50V J
C173	NCB31HK-103X	C CAP.	0.01uF 50V K
C1741	QETN1HM-106Z	E CAP.	10uF 50V M
C1742	QETN1HM-106Z	E CAP.	10uF 50V M
C1743	QETN1HM-106Z	E CAP.	10uF 50V M
C1744	NCB31HK-103X	C CAP.	0.01uF 50V K
C1805	QETN1CM-227Z	E CAP.	220uF 16V M
C1806	QETN1CM-477Z	E CAP.	470uF 16V M
C1811	QETN1HM-106Z	E CAP.	10uF 50V M
C1841	NCB31HK-152X	C CAP.	1500pF 50V K
△ C1901	QFZ9078-224	M P F CAP	0.22uF AC275V M
△ C1904	QCZ9015-102	C CAP.	1000pFAC250V Z
△ C1905	QCZ9015-102	C CAP.	1000pFAC250V Z
△ C1907	QCZ9015-102	C CAP.	1000pFAC250V Z
△ C1909	QEZ0552-127	E CAP. or QEZ0199-127	120uF 400V M
△ C1910	QFZ9078-473	M P F CAP	0.047uF AC275V M
C1922	QFLC1HJ-104Z	M CAP.	0.1uF 50V J
C1924	QETN1HM-475Z	E CAP.	4.7uF 50V M
C1925	QETN1VM-476Z	E CAP.	47uF 35V M
C1926	QFLC1HJ-332Z	M CAP.	3300pF 50V J
△ C1929	QFK42JK-103	M M CAP	0.01uF 630V K
△ C1931	QCZ0364-681	C CAP.	680pF 2KV K
C1932	NDC31HJ-681X	C CAP.	680pF 50V J
C1941	QCZ0364-561	C CAP.	560pF 2KV K
C1942	QEZ0203-107	E CAP.	100uF 160V M
C1944	QCB32HK-222Z	C CAP.	2200pF 500V K
C1945	QEHRLM-108Z	E CAP.	1000uF 25V M
C1946	QETNLEM-108Z	E CAP.	1000uF 25V M
C1947	QCB32HK-222Z	C CAP.	2200pF 500V K
C1948	QETNLEM-108Z	E CAP.	1000uF 25V M
C1949	NDC31HJ-471X	C CAP.	470pF 50V J
C1961	QETN1HM-475Z	E CAP.	4.7uF 50V M
C1976	QETNLEM-227Z	E CAP.	220uF 16V M
C1977	QETN1CM-227Z	E CAP.	220uF 16V M
C1978	QETNLEM-227Z	E CAP.	220uF 16V M
C1979	QETN1AM-227Z	E CAP.	220uF 10V M
△ C1991	QCZ9079-102	C CAP.	1000pFAC250V M
△ C1992	QCZ9079-102	C CAP.	1000pFAC250V M
△ C1998	QCZ9079-222	C CAP.	2200pFAC250V M

**TRANSFORMER**

T1501	QQR1244-001	DRIVE TRANSF.	
△ T1522	QQH0134-001	F B T	
△ T1921	QSQ0161-001	SW TRANSF.	

**COIL**

L1001	QQL244K-8R2Z	COIL	8.2uH K
L1101	QQL244J-2R2Z	COIL	2.2uH J
L1108	QQL244K-8R2Z	COIL	8.2uH K
L1551	QQL2034-240	HEATER CHOKE	
L1701	QQL244J-5R6Z	COIL	5.6uH J
L1941	QQL26AK-820Z	COIL	82uH K
L1942	QQL244J-4R7Z	PEAKING COIL	
L1943	QQL244J-4R7Z	PEAKING COIL	

**DIODE**

D1001	MTZJ33A-T2	ZENER DIODE	
D1301	MTZJ9.1B-T2	ZENER DIODE	
D1302	MTZJ9.1B-T2	ZENER DIODE	
D1305	AK04-T2	DIODE	
D1306	QRE121J-121Y	C R	120Ω 1/2W J
D1341	MA111-X	CHIP DIODE	
D1421	MTZJ75-T2	ZENER DIODE	
D1423	1SR124-400A-T2	SI DIODE	
D1425	MA111-X	CHIP DIODE	
D1427	MTZJ27B-T2	ZENER DIODE	

Symbol No.	Part No.	Part Name	Description
<b>DIODE</b>			
D1501	MTZJ6.8C-T2	ZENER DIODE	
D1551	RGP10J-5025-T3	SI DIODE	
D1552	RGP10J-5025-T3	SI DIODE	
D1553	MTZJ9.1B-T2	ZENER DIODE	
D1554	MA111-X	CHIP DIODE	
D1557	1SR124-400A-T2	SI DIODE	
D1571	MTZJ7.5S-T2	ZENER DIODE	
D1581	MTZJ20B-T2	ZENER DIODE	
D1582	RGP10J-5025-T3	SI DIODE	
D1651	MA111-X	CHIP DIODE	
D1652	MTZJ12C-T2	ZENER DIODE	
D1653	MA111-X	CHIP DIODE	
D1654	MTZJ12C-T2	ZENER DIODE	
D1655	MA111-X	CHIP DIODE	
D1656	MA111-X	CHIP DIODE	
D1657	MA111-X	CHIP DIODE	
D1701	MA111-X	CHIP DIODE	
D1704	SLR-342VR-T16	L E D (RED)	
D1705	SLR-342DU-T16	L E D (OR)	
D1707	MA111-X	CHIP DIODE	
D1731	MA111-X	CHIP DIODE	
△ D1901	G25B460	BRIDGE DIODE	
D1921	RGP10J-5025-T3	SI DIODE	
D1925	RGP10J-5025-T3	SI DIODE	
D1927	MTZJ36A-T2	ZENER DIODE	
D1928	MTZJ3.3A-T2	ZENER DIODE	
D1929	MTZJ3.3A-T2	ZENER DIODE	
D1930	RGP10M-5010-T3	SI DIODE	
D1931	MA111-X	CHIP DIODE	
D1933	MTZJ16C-T2	ZENER DIODE	
D1941	RU34M-LFC4	SI DIODE	
D1942	RU34M-LFC4	SI DIODE	
D1943	RGP10J-5025-T3	SI DIODE	
D1982	MA111-X	CHIP DIODE	
D1983	MA111-X	CHIP DIODE	

**TRANSISTOR**

Q1102	2SC5083/L-P/-T	SI TRANSISTOR	
Q1301	2SB709A/QR/-X	CHIP TRANSISTOR	
Q1302	2SD01A/QR/-X	CHIP TRANSISTOR	
Q1351	STC344-T	SI TRANSISTOR	
Q1352	STC344-T	SI TRANSISTOR	
Q1353	STC344-T	SI TRANSISTOR	
Q1401	DTC124ESA-T	DIGI. TRANSISTOR	
Q1402	2SD01A/QR/-X	CHIP TRANSISTOR	
Q1403	2SD01A/QR/-X	CHIP TRANSISTOR	
Q1404	2SD01A/QR/-X	CHIP TRANSISTOR	
Q1521	2SC2655/Y/-T	SI TRANSISTOR	
△ Q1522	2SD2627-YB11	POWER TRANSISTOR	H. OUT
Q1571	2SA1208/ST/Z1-T	SI TRANSISTOR	
Q1572	2SD01A/QR/-X	CHIP TRANSISTOR	
Q1651	2SD01A/QR/-X	CHIP TRANSISTOR	
Q1652	2SD01A/QR/-X	CHIP TRANSISTOR	
Q1653	2SB709A/QR/-X	CHIP TRANSISTOR	
Q1702	2SD01A/QR/-X	CHIP TRANSISTOR	
Q1703	2SD01A/QR/-X	CHIP TRANSISTOR	
Q1708	UN2212-X	DIGI. TRANSISTOR	
Q1709	2SB709A/QR/-X	CHIP TRANSISTOR	
Q1803	2SC1815/YG/-T	SI TRANSISTOR	
Q1804	2SD01A/QR/-X	CHIP TRANSISTOR	
Q1974	2SA966/OY/-T	SI TRANSISTOR	
Q1975	UN2212-X	DIGI. TRANSISTOR	

**IC**

IC1301	NN5198K	I. C.	
IC1421	AN5522	I. C.	
IC1651	AN5265	I. C.	
△ IC1701	MN1873287JJ1	I. C.	
IC1702	AT24C08-210MG3	I. C.	(SERVICE)
IC1703	L78L05E-MA	I. C.	
IC1704	PIC-47143SY	IR DETECT	
△ IC1921	STR-W5753A/FS	I. C.	
IC1971	BA17809T	I. C.	
IC1972	BA17805T	I. C.	

## [ AV-21F3 ]

△	Symbol No.	Part No.	Part Name	Description
<b>OTHERS</b>				
		LC30114-001C-H	LED LED HOLDERR	
△	CP1981	ICP-N25-Y	I. C. PROTECT	
△	CP1982	ICP-N75-Y	I. C. PROTECT	
△	F1901	QMF51E2-3R15.4	FUSE	3.15A
	FC1901	CEM002-001Z	FUSE CLIP	(X2)
	FR1557	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	J1002	QNN084-001	PIN JACK	
	J1003	QNN081-003	PIN JACK	or CEMN065-001
	J1004	QNN081-002	PIN JACK	or CEMN065-002
△	J1005	QNS0197-001	3.5 JACK	
	K1351	QQR0621-002Z	BEADS CORE	
	K1421	QQR1113-001Z	FERRITE BEADS	
	K1941	QQR1113-001Z	FERRITE BEADS	
	K1942	QQR1113-001Z	FERRITE BEADS	
	K1943	QQR1113-001Z	FERRITE BEADS	
△	LF1901	QQR0527-002	LINE FILTER	
	PC1701	P1241-04	C D S	
	S1701	QSW0619-003Z	PUSH SWITCH	VOL+
	S1702	QSW0619-003Z	PUSH SWITCH	VOL-
	S1703	QSW0619-003Z	PUSH SWITCH	CH+
	S1704	QSW0619-003Z	PUSH SWITCH	CH-
	S1705	QSW0619-003Z	PUSH SWITCH	MENU
△	S1901	QSW0750-001	PUSH SWITCH	POWER SW
	SF1102	QAX0666-002	SAW FILTER	
	SF1122	QAX0825-001	SAW FILTER	
△	SK1351	QNZ0537-001	CRT SOCKE	or QNZ0536-001
△	TH1901	QAD0121-9R0	W POSISTOR	or QAD0119-9R0
△	TU1001	QAU0282-001	TUNER	
△	VA1901	ERZV10V621CS	VARISTOR	or QAF0052-621
△	X1301	QAX0705-001Z	CRYSTAL	
	X1302	CE41651-001Z	X-TAL	
	X1701	QAX0307-001	CERAMIC R	

# PRINTED WIRING BOARD PARTS LIST

[ AV-21FR3 ]

## MAIN P.W. BOARD ASS'Y (SCG-1402A-H2)

△ Symbol No.	Part No.	Part Name	Description
<b>RESISTOR</b>			
R1002	NRSA63J-221X	MG R	220Ω 1/16W J
R1008	NRSA63J-221X	MG R	220Ω 1/16W J
R1004	NRSA63J-563X	MG R	56kΩ 1/16W J
R1102	NRSA63J-750X	MG R	75Ω 1/16W J
R1108	NRSA63J-100X	MG R	10Ω 1/16W J
R1109	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1110	NRSA63J-272X	MG R	2.7kΩ 1/16W J
R1111	NRSA63J-181X	MG R	180Ω 1/16W J
R1112	NRSA63J-100X	MG R	10Ω 1/16W J
R1113	NRSA63J-101X	MG R	100Ω 1/16W J
R1120	NRSA63J-391X	MG R	390Ω 1/16W J
R1121	NRSA63J-221X	MG R	220Ω 1/16W J
R1159	NRSA02J-184X	MG R	180kΩ 1/10W J
R1301	NRSA63J-221X	MG R	220Ω 1/16W J
R1302	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1308	NRSA63J-101X	MG R	100Ω 1/16W J
R1304	NRSA63J-101X	MG R	100Ω 1/16W J
R1305	NRSA63J-101X	MG R	100Ω 1/16W J
R1306	NRSA63J-221X	MG R	220Ω 1/16W J
R1307	NRSA63J-122X	MG R	1.2kΩ 1/16W J
R1308	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R1312	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1313	NRSA63J-102X	MG R	1kΩ 1/16W J
R1314	NRSA63J-102X	MG R	1kΩ 1/16W J
R1321	NRSA63J-152X	MG R	1.5kΩ 1/16W J
R1322	NRSA63J-272X	MG R	2.7kΩ 1/16W J
R1323	NRSA63J-103X	MG R	10kΩ 1/16W J
R1324	NRSA63J-102X	MG R	1kΩ 1/16W J
R1326	NRSA63J-101X	MG R	100Ω 1/16W J
R1327	NRSA02J-475X	MG R	4.7MΩ 1/10W J
R1341	NRSA63J-332X	MG R	3.3kΩ 1/16W J
R1347	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1349	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1351	NRSA63J-151X	MG R	150Ω 1/16W J
R1352	NRSA63J-151X	MG R	150Ω 1/16W J
R1353	NRSA63J-151X	MG R	150Ω 1/16W J
R1354	NRSA63J-331X	MG R	330Ω 1/16W J
R1355	NRSA63J-331X	MG R	330Ω 1/16W J
R1356	NRSA63J-331X	MG R	330Ω 1/16W J
R1357	NRSA63J-101X	MG R	100Ω 1/16W J
R1358	NRSA63J-101X	MG R	100Ω 1/16W J
R1359	NRSA63J-101X	MG R	100Ω 1/16W 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	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R1367	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R1368	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R1372	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1373	NRSA63J-102X	MG R	1kΩ 1/16W J
R1374	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1375	NRSA63J-153X	MG R	15kΩ 1/16W J
R1376	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R1377	NRSA63J-104X	MG R	100kΩ 1/16W J
R1378	NRSA63J-104X	MG R	100kΩ 1/16W J
R1379	NRSA63J-104X	MG R	100kΩ 1/16W J
R1380	NRSA63J-154X	MG R	150kΩ 1/16W J
R1381	NRSA63J-154X	MG R	150kΩ 1/16W J
R1382	NRSA63J-154X	MG R	150kΩ 1/16W J
R1388	NRSA63J-273X	MG R	27kΩ 1/16W J
R1384	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1385	NRSA63J-123X	MG R	12kΩ 1/16W J
R1401	NRSA63J-103X	MG R	10kΩ 1/16W J
R1421	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1423	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1424	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1425	NRSA63J-332X	MG R	3.3kΩ 1/16W J
R1426	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1429	NRSA63J-103X	MG R	10kΩ 1/16W J
R1430	NRSA63J-823X	MG R	82kΩ 1/16W J

△ Symbol No.	Part No.	Part Name	Description
<b>RESISTOR</b>			
R1431	NRSA63J-103X	MG R	10kΩ 1/16W J
R1432	QRE121J-3R9Y	C R	3.9Ω 1/2W J
R1433	QRE121J-2R7Y	C R	2.7Ω 1/2W J
R1436	NRSA63J-823X	MG R	82kΩ 1/16W J
R1437	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R1438	NRSA63J-223X	MG R	22kΩ 1/16W J
R1439	NRSA63J-104X	MG R	100kΩ 1/16W J
R1440	QRE121J-471Y	C R	47Ω 1/2W J
R1441	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R1442	NRSA63J-103X	MG R	10kΩ 1/16W J
R1443	QRE121J-1R0Y	C R	1.0Ω 1/2W J
R1453	NRSA63J-272X	MG R	2.7kΩ 1/16W J
R1502	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1508	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1525	QRL029J-180	OM R	18Ω 2W J
R1526	QRE121J-271Y	C R	27Ω 1/2W J
R1529	QRL089J-681	OM R	680Ω 3W J
R1531	NRSA63J-331X	MG R	330Ω 1/16W J
R1532	NRSA63J-102X	MG R	1kΩ 1/16W J
△ R1551	QRZ011-1R0	F R	1.0Ω 1/2W J
R1552	QRJ46J-2R2X	C R	2.2Ω 1/4W J
R1554	QRE121J-681Y	C R	68Ω 1/2W J
R1571	QRE121J-222Y	C R	2.2kΩ 1/2W J
R1573	QRT029J-1R5	MF R	1.5Ω 2W J
R1574	QRT029J-1R5	MF R	1.5Ω 2W J
R1576	QRE121J-223Y	C R	22kΩ 1/2W J
R1577	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1578	NRSA63J-103X	MG R	10kΩ 1/16W J
R1581	QRE121J-182Y	C R	1.8kΩ 1/2W J
R1582	NRSA63J-223X	MG R	22kΩ 1/16W J
R1583	NRSA63J-393X	MG R	39kΩ 1/16W J
R1651	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1652	NRSA63J-102X	MG R	1kΩ 1/16W J
R1653	NRSA63J-331X	MG R	330Ω 1/16W J
R1654	NRSA63J-223X	MG R	22kΩ 1/16W J
R1655	NRSA63J-473X	MG R	47kΩ 1/16W J
R1656	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R1657	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R1658	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R1659	QRE121J-4R7Y	C R	4.7Ω 1/2W J
R1660	NRSA63J-153X	MG R	15kΩ 1/16W J
R1661	QRE121J-271Y	C R	27Ω 1/2W J
R1662	QRE121J-271Y	C R	27Ω 1/2W J
R1664	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1665	NRSA63J-103X	MG R	10kΩ 1/16W J
R1666	NRSA63J-101X	MG R	100Ω 1/16W J
R1667	QRE121J-101Y	C R	10Ω 1/2W J
△ R1668	QRT029J-5R6	MF R	5.6Ω 2W J
R1701	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R1702	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1703	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1704	NRSA63J-221X	MG R	22kΩ 1/16W J
R1705	NRSA63J-221X	MG R	22kΩ 1/16W J
R1706	NRSA63J-561X	MG R	56Ω 1/16W J
R1707	NRSA63J-561X	MG R	56Ω 1/16W J
R1708	NRSA63J-102X	MG R	1kΩ 1/16W J
R1709	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1710	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1711	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1712	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1713	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1714	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1715	NRSA63J-221X	MG R	22kΩ 1/16W J
R1716	NRSA63J-221X	MG R	22kΩ 1/16W J
R1718	NRSA63J-561X	MG R	56Ω 1/16W J
R1719	NRSA63J-102X	MG R	1kΩ 1/16W J
R1720	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1721	NRSA63J-103X	MG R	10kΩ 1/16W J
△ R1723	QRL089J-270	OM R	27Ω 3W J
R1725	NRSA63J-102X	MG R	1kΩ 1/16W J
R1726	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1727	NRSA63J-153X	MG R	15kΩ 1/16W J
R1728	NRSA63J-102X	MG R	1kΩ 1/16W J

[ AV-21FR3 ]

Symbol No.	Part No.	Part Name	Description
<b>RESISTOR</b>			
R1729	NRS463J-102X	MG R	1kΩ 1/16W J
R1730	NRS463J-103X	MG R	10kΩ 1/16W J
R1731	NRS463J-472X	MG R	4.7kΩ 1/16W J
R1736	NRS463J-823X	MG R	82kΩ 1/16W J
R1737	NRS463J-104X	MG R	100kΩ 1/16W J
R1738	NRS463J-103X	MG R	10kΩ 1/16W J
R1739	NRS463J-103X	MG R	10kΩ 1/16W J
R1740	NRS463J-392X	MG R	3.9kΩ 1/16W J
R1741	NRS463J-561X	MG R	560Ω 1/16W J
R1742	NRS463J-563X	MG R	56kΩ 1/16W J
R1746	NRS463J-103X	MG R	10kΩ 1/16W J
R1747	NRS463J-0R0X	MG R	0.0Ω 1/16W J
R1748	NRS463J-101X	MG R	100Ω 1/16W J
R1749	NRS463J-472X	MG R	4.7kΩ 1/16W J
R1771	NRS463J-821X	MG R	820Ω 1/16W J
R1772	NRS463J-821X	MG R	820Ω 1/16W J
R1791	NRS463J-221X	MG R	220Ω 1/16W J
R1792	NRS463J-221X	MG R	220Ω 1/16W J
R1793	NRS463J-221X	MG R	220Ω 1/16W J
R1794	NRS463J-221X	MG R	220Ω 1/16W J
R1795	NRS463J-221X	MG R	220Ω 1/16W J
R1796	NRS463J-103X	MG R	10kΩ 1/16W J
R1797	NRS463J-153X	MG R	15kΩ 1/16W J
R1802	NRS463J-750X	MG R	750Ω 1/16W J
R1806	QRE121J-271Y	C R	270Ω 1/2W J
R1807	NRS463J-680X	MG R	680Ω 1/16W J
R1810	QRG01GJ-560	OM R	560Ω 1W J
R1811	NRS463J-221X	MG R	220Ω 1/16W J
R1815	QRE121J-181Y	C R	180Ω 1/2W J
R1816	NRS463J-681X	MG R	680Ω 1/16W J
R1817	NRS463J-472X	MG R	4.7kΩ 1/16W J
R1825	NRS463J-221X	MG R	220Ω 1/16W J
R1827	NRS463J-102X	MG R	1kΩ 1/16W J
R1828	NRS463J-272X	MG R	2.7kΩ 1/16W J
R1832	NRS463J-221X	MG R	220Ω 1/16W J
R1833	NRS463J-822X	MG R	8.2kΩ 1/16W J
R1834	NRS463J-393X	MG R	39kΩ 1/16W J
R1835	NRS463J-182X	MG R	1.8kΩ 1/16W J
R1836	NRS463J-473X	MG R	47kΩ 1/16W J
R1837	NRS463J-393X	MG R	39kΩ 1/16W J
R1838	NRS463J-103X	MG R	10kΩ 1/16W J
R1841	NRS463J-332X	MG R	3.3kΩ 1/16W J
R1842	NRS463J-223X	MG R	22kΩ 1/16W J
R1843	NRS463J-471X	MG R	470Ω 1/16W J
R1845	NRS463J-472X	MG R	4.7kΩ 1/16W J
R1846	NRS463J-103X	MG R	10kΩ 1/16W J
R1848	NRS463J-0R0X	MG R	0.0Ω 1/16W J
R1849	NRS463J-153X	MG R	15kΩ 1/16W J
R1850	NRS463J-332X	MG R	3.3kΩ 1/16W J
R1851	NRS463J-821X	MG R	820Ω 1/16W J
R1852	NRS463J-332X	MG R	3.3kΩ 1/16W J
R1853	NRS463J-821X	MG R	820Ω 1/16W J
R1854	NRS463J-332X	MG R	3.3kΩ 1/16W J
R1855	NRS463J-821X	MG R	820Ω 1/16W J
R1857	NRS463J-103X	MG R	10kΩ 1/16W J
R1859	NRS463J-473X	MG R	47kΩ 1/16W J
R1860	NRS463J-101X	MG R	100Ω 1/16W J
R1861	NRS463J-103X	MG R	10kΩ 1/16W J
R1862	NRS463J-391X	MG R	390Ω 1/16W J
R1901	QRF104K-3R9	UNF R	3.9Ω 10W K
R1903	QRL029J-104	OM R	100kΩ 2W J
R1904	QRL029J-151	OM R	150Ω 3W J
R1906	QRL029J-104	OM R	100kΩ 2W J
R1921	QRE121J-2R2Y	C R	2.2Ω 1/2W J
R1922	QRE121J-221Y	C R	220Ω 1/2W J
R1923	QRMO34J-R22	MP R	0.22Ω 3W J
R1928	QRL029J-683	OM R	68kΩ 3W J
R1933	QRE121J-4R7Y	C R	4.7Ω 1/2W J
R1934	NRS463J-683X	MG R	68kΩ 1/16W J
R1935	QRE121J-562Y	C R	5.6kΩ 1/2W J
R1974	NRS463J-222X	MG R	2.2kΩ 1/16W J
R1976	QRT029J-8R2	MF R	8.2Ω 2W J
R1977	QRE121J-122Y	C R	1.2kΩ 1/2W J
R1978	NRS463J-473X	MG R	47kΩ 1/16W J
R1979	QRL029J-220	OM R	22Ω 3W J
R1980	QRL029J-152	OM R	1.5kΩ 2W J
R1991	QRZ9046-825Z	C R	8.2kΩ 1/2W K

Symbol No.	Part No.	Part Name	Description
<b>CAPACITOR</b>			
C1001	QETNLHM-106Z	E CAP.	10μF 50V M
C1002	NCB31HK-103X	C CAP.	0.01μF 50V K
C1004	QETNLHM-477Z	E CAP.	470μF 16V M
C1005	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1008	QETNLHM-475Z	E CAP.	4.7μF 50V M
C1103	QETNLHM-476Z	E CAP.	47μF 25V M
C1104	NCB31HK-472X	C CAP.	4700pF 50V K
C1105	NCB31HK-472X	C CAP.	4700pF 50V K
C1106	NCB31HK-472X	C CAP.	4700pF 50V K
C1107	NCB31HK-472X	C CAP.	4700pF 50V K
C1110	NRS463J-0R0X	MG R	0.0Ω 1/16W J
C1112	QETNLHM-476Z	E CAP.	47μF 25V M
C1113	NCB31HK-472X	C CAP.	4700pF 50V K
C1114	NCB31HK-103X	C CAP.	0.01μF 50V K
C1115	NCB31HK-103X	C CAP.	0.01μF 50V K
C1116	NCB31HK-103X	C CAP.	0.01μF 50V K
C1117	QFV71HJ-224Z	MF CAP.	0.22μF 50V J
C1119	QETNLHM-474Z	E CAP.	0.47μF 50V M
C1120	NDC31HJ-121X	C CAP.	120pF 50V J
C1121	NCB31HK-103X	C CAP.	0.01μF 50V K
C1122	NCB31HK-103X	C CAP.	0.01μF 50V K
C1162	NCB31HK-152X	C CAP.	1500pF 50V K
C1301	NCB31HK-123X	C CAP.	0.012μF 50V K
C1302	QETNLHM-475Z	E CAP.	4.7μF 50V M
C1303	NDC31HJ-100X	C CAP.	10pF 50V J
C1304	QFV71HJ-474Z	MF CAP.	0.47μF 50V J
C1305	QETNLHM-474Z	E CAP.	0.47μF 50V M
C1306	NCB31HK-103X	C CAP.	0.01μF 50V K
C1307	QETNLHM-477Z	E CAP.	470μF 16V M
C1308	QETNLHM-107Z	E CAP.	100μF 16V M
C1309	NCB31HK-103X	C CAP.	0.01μF 50V K
C1310	NDC31HJ-221X	C CAP.	220pF 50V J
C1311	NCB31HK-103X	C CAP.	0.01μF 50V K
C1312	QENCLHM-474Z	E CAP.	0.47μF 50V M
C1313	QETNLHM-335Z	E CAP.	3.3μF 50V M
C1314	NCB31HK-103X	C CAP.	0.01μF 50V K
C1315	QETNLHM-107Z	E CAP.	100μF 16V M
C1316	QETNLHM-106Z	E CAP.	10μF 50V M
C1317	NCB31EK-473X	C CAP.	0.047μF 25V K
C1321	NDC31HJ-120X	C CAP.	12pF 50V J
C1322	NCB31EK-273X	C CAP.	0.027μF 25V K
C1323	QETNLHM-474Z	E CAP.	0.47μF 50V M
C1324	QETNLHM-106Z	E CAP.	10μF 50V M
C1325	QENCLHM-106Z	BP E CAP.	10μF 50V M
C1326	NCS21HJ-221X	C CAP.	220pF 50V J
C1341	QETNLHM-106Z	E CAP.	10μF 50V M
C1352	QFZ0097-103	MM CAP.	0.01μF 1250V K
C1354	NDC31HJ-271X	C CAP.	270pF 50V J
C1355	NDC31HJ-221X	C CAP.	220pF 50V J
C1356	NDC31HJ-331X	C CAP.	330pF 50V J
C1357	QETNLHM-477Z	E CAP.	470μF 10V M
C1365	QENCLHM-105Z	E CAP.	1μF 50V M
C1366	QENCLHM-105Z	E CAP.	1μF 50V M
C1367	QENCLHM-105Z	E CAP.	1μF 50V M
C1401	QFV71HJ-474Z	MF CAP.	0.47μF 50V J
C1423	QCS32HJ-180Z	C CAP.	180pF 500V J
C1424	QFLC2AJ-103Z	M CAP.	0.01μF 100V J
C1426	QFLC1HJ-102Z	M CAP.	1000pF 50V J
C1427	QETNLHM-107Z	E CAP.	100μF 35V M
C1428	QETNLHM-107Z	E CAP.	100μF 35V M
C1429	QETNLHM-106Z	E CAP.	10μF 50V M
C1430	QFN32AJ-472Z	M CAP.	4700pF 100V J
C1433	QETNLHM-475Z	E CAP.	4.7μF 50V M
C1435	QETNLHM-228	E CAP.	2200pF 25V M
C1436	QFV71HJ-334Z	MF CAP.	0.33μF 50V J
C1437	NCB31HK-104X	C CAP.	0.1μF 50V K
C1501	QETNLHM-477Z	E CAP.	470μF 10V M
C1502	NCB31HK-103X	C CAP.	0.01μF 50V K
C1503	QETNLHM-106Z	E CAP.	10μF 50V M
C1523	QETNLHM-476Z	E CAP.	47μF 25V M
△ C1525	QFZ0000-94Z	MPP CAP.	9400pF 1.5kVH±3%
C1526	QFLC1HJ-103Z	M CAP.	0.01μF 50V J
△ C1527	QFZ0199-374	MPP CAP.	0.37μF 250V J
C1529	QFN32AJ-102Z	M CAP.	1000pF 100V J
C1531	QEZ0203-107	E CAP.	100μF 160V M
C1532	QETNLHM-108	E CAP.	1000μF 35V M
C1534	QETNLHM-475Z	E CAP.	4.7μF 250V M
C1555	QFLC2AJ-104Z	M CAP.	0.1μF 100V J

[ AV-21FR3 ]

Symbol No.	Part No.	Part Name	Description
<b>CAPACITOR</b>			
C157	QETN1HM-107Z	E CAP.	100µF 50V M
C1571	QETN1AM-107Z	E CAP.	100µF 10V M
C1572	QETN1EM-476Z	E CAP.	47µF 25V M
C1581	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
C1652	NCB31HK-473X	C CAP.	0.047µF 50V K
C1653	QETN1HM-106Z	E CAP.	10µF 50V M
C1654	QETN1CM-477Z	E CAP.	470µF 16V M
C1655	QETN1HM-106Z	E CAP.	10µF 50V M
C1656	QENCLHM-105Z	E CAP.	1µF 50V M
C1657	QETN1EM-107Z	E CAP.	100µF 25V M
C1658	QETN1EM-228	E CAP.	2200µF 25V M
C1659	QETN1HM-475Z	E CAP.	4.7µF 50V M
C1663	NCB31HK-102X	C CAP.	1000pF 50V K
C1664	QETN1CM-107Z	E CAP.	100µF 16V M
C1665	NCB31HK-103X	C CAP.	0.01µF 50V K
C1701	QETN1HM-106Z	E CAP.	10µF 50V M
C1705	QETN1CM-477Z	E CAP.	470µF 16V M
C1706	NCB31HK-104X	C CAP.	0.1µF 50V K
C1707	NCB31HK-103X	C CAP.	0.01µF 50V K
C1708	QETN1AM-108Z	E CAP.	1000µF 10V M
C1709	NCB31HK-103X	C CAP.	0.01µF 50V K
C1710	QETN1CM-107Z	E CAP.	100µF 16V M
C1711	NCB31HK-103X	C CAP.	0.01µF 50V K
C1712	NCB31HK-103X	C CAP.	0.01µF 50V K
C1713	NCB31HK-103X	C CAP.	0.01µF 50V K
C1716	NDC31HJ-181X	C CAP.	180pF 50V J
C1717	NDC31HJ-181X	C CAP.	180pF 50V J
C1718	NCB31HK-103X	C CAP.	0.01µF 50V K
C1719	QETN1HM-105Z	E CAP.	1µF 50V M
C1720	NCB31HK-103X	C CAP.	0.01µF 50V K
C1721	NCB31EK-333X	C CAP.	0.033µF 25V K
C1722	NDC31HJ-101X	C CAP.	100pF 50V J
C1724	NDC31HJ-560X	C CAP.	56pF 50V J
C1728	NDC31HJ-181X	C CAP.	180pF 50V J
C1729	NDC31HJ-181X	C CAP.	180pF 50V J
C1730	NCB31HK-103X	C CAP.	0.01µF 50V K
C1741	QETN1HM-106Z	E CAP.	10µF 50V M
C1742	QETN1HM-106Z	E CAP.	10µF 50V M
C1743	QETN1HM-106Z	E CAP.	10µF 50V M
C1744	NCB31HK-103X	C CAP.	0.01µF 50V K
C1805	QETN1CM-227Z	E CAP.	220µF 16V M
C1806	QETN1CM-477Z	E CAP.	470µF 16V M
C1811	QETN1HM-106Z	E CAP.	10µF 50V M
C1821	QETN1CM-107Z	E CAP.	100µF 16V M
C1822	NCB31HK-103X	C CAP.	0.01µF 50V K
C1823	NDC31HJ-330X	C CAP.	33pF 50V J
C1824	NDC31HJ-390X	C CAP.	39pF 50V J
C1825	QETN1HM-105Z	E CAP.	1µF 50V M
C1826	NCB31HK-103X	C CAP.	0.01µF 50V K
C1827	NCB31HK-103X	C CAP.	0.01µF 50V K
C1830	NDC31HJ-151X	C CAP.	150pF 50V J
C1831	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
C1832	NCB31HK-103X	C CAP.	0.01µF 50V K
C1833	NDC31HJ-680X	C CAP.	68pF 50V J
C1834	NDC31HJ-330X	C CAP.	33pF 50V J
C1835	NDC31HJ-221X	C CAP.	220pF 50V J
C1836	QETN1HM-335Z	E CAP.	3.3µF 50V M
C1837	QETN1HM-335Z	E CAP.	3.3µF 50V M
C1838	QETN1HM-335Z	E CAP.	3.3µF 50V M
C1841	NCB31HK-152X	C CAP.	1500pF 50V K
C1843	NCB31HK-103X	C CAP.	0.01µF 50V K
C1844	NCB31HK-103X	C CAP.	0.01µF 50V K
C1845	NCB31HK-103X	C CAP.	0.01µF 50V K
C1846	NCB31HK-103X	C CAP.	0.01µF 50V K
C1847	QETN1HM-475Z	E CAP.	4.7µF 50V M
C1848	NCB31HK-103X	C CAP.	0.01µF 50V K
C1849	NCB31HK-103X	C CAP.	0.01µF 50V K
C1852	NCB31HK-103X	C CAP.	0.01µF 50V K
C1853	NCB31HK-103X	C CAP.	0.01µF 50V K
C1854	QETN1CM-107Z	E CAP.	100µF 16V M
C1855	QETN1HM-106Z	E CAP.	10µF 50V M
C1856	NCB31HK-104X	C CAP.	0.1µF 50V K
△ C1901	QFZ9078-224	MPF CAP.	0.22µFAC275V M
△ C1904	QCZ9015-102	C CAP.	1000pFAC250V Z
△ C1905	QCZ9015-102	C CAP.	1000pFAC250V Z
△ C1907	QCZ9015-102	C CAP.	1000pFAC250V Z
△ C1909	QEZ0552-127	E CAP.	or QE20199-127 120µF 400V M
△ C1910	QFZ9078-473	MPF CAP.	0.047µFAC275V M

Symbol No.	Part No.	Part Name	Description
<b>CAPACITOR</b>			
C1922	QFLC1HJ-104Z	M CAP.	0.1µF 50V J
C1924	QETN1HM-475Z	E CAP.	4.7µF 50V M
C1925	QETN1VM-476Z	E CAP.	47µF 35V M
C1926	QFLC1HJ-332Z	M CAP.	3300pF 50V J
△ C1929	QFKA2JK-103	MM CAP.	0.01µF 630V K
△ C1931	QCZ064-681	C CAP.	680pF 2kV K
△ C1932	NDC31HJ-681X	C CAP.	680pF 50V J
C1941	QCZ064-561	C CAP.	560pF 2kV K
C1942	QEZ0203-107	E CAP.	100µF 160V M
C1944	QCB32HK-222Z	C CAP.	2200pF 500V K
C1945	QEH1EM-108Z	E CAP.	1000µF 25V M
C1946	QETN1EM-108Z	E CAP.	1000µF 25V M
C1947	QCB32HK-222Z	C CAP.	2200pF 500V K
C1948	QETN1EM-108Z	E CAP.	1000µF 25V M
C1949	NDC31HJ-471X	C CAP.	470pF 50V J
C1976	QETN1EM-227Z	E CAP.	220µF 25V M
C1977	QETN1CM-227Z	E CAP.	220µF 16V M
C1978	QETN1EM-227Z	E CAP.	220µF 25V M
C1979	QETN1AM-227Z	E CAP.	220µF 10V M
△ C1991	QCZ9079-102	C CAP.	1000pFAC250V M
△ C1992	QCZ9079-102	C CAP.	1000pFAC250V M
△ C1993	QCZ9079-222	C CAP.	2200pFAC250V M

**TRANSFORMER**

T1501	QQR1244-001	DRIVE TRANSF.
△ T1522	QQH0134-001	F. B. TRANSF.
△ T1921	QSQ0161-001	SW TRANSF.

**COIL**

L1001	QQL244K-8R2Z	COIL	8.2µH K
L1101	QQL244J-2R2Z	COIL	2.2µH J
L1103	QQL244K-8R2Z	COIL	8.2µH K
L1551	QQL2034-360	INDUCTOR	
L1701	QQL244J-5R6Z	COIL	5.6µH J
L1821	NQL092K-4R7X	COIL	4.7µH
L1822	NQL092K-4R7X	COIL	4.7µH
L1823	NQL092K-4R7X	COIL	4.7µH
L1824	NQL092K-4R7X	COIL	4.7µH
L1825	NQL092K-4R7X	COIL	4.7µH
L1826	NQL092K-4R7X	COIL	4.7µH
L1827	NQL092K-4R7X	COIL	4.7µH
L1828	QQL244K-8R2Z	COIL	8.2µH K
L1941	QQL26AK-820Z	COIL	82µH K
L1942	QQL244J-4R7Z	INDUCTOR	
L1943	QQL244J-4R7Z	INDUCTOR	

**DIODE**

D1001	MTZJ33A-T2	ZENER DIODE	
D1301	MTZJ9-1B-T2	ZENER DIODE	
D1302	MTZJ9-1B-T2	ZENER DIODE	
D1305	AK04-T2	SB DIODE	
D1306	QRE121J-121Y	C R	120Ω 1/2W J
D1341	MA111-X	SI DIODE	
D1372	MA111-X	SI DIODE	
D1373	MA111-X	SI DIODE	
D1421	MTZJ75-T2	ZENER DIODE	
D1423	1SR124-400A-T2	SI DIODE	
D1425	MA111-X	SI DIODE	
D1427	MTZJ27B-T2	ZENER DIODE	
D1501	MTZJ6-8C-T2	ZENER DIODE	
D1551	RGP10J-5025-T3	SI DIODE	
D1552	RGP10J-5025-T3	SI DIODE	
D1553	MTZJ9-1B-T2	ZENER DIODE	
D1554	MA111-X	SI DIODE	
D1557	1SR124-400A-T2	SI DIODE	
D1571	MTZJ7-5S-T2	ZENER DIODE	
D1581	MTZJ20B-T2	ZENER DIODE	
D1582	RGP10J-5025-T3	SI DIODE	
D1651	MA111-X	SI DIODE	
D1652	MTZJ12C-T2	ZENER DIODE	
D1653	MA111-X	SI DIODE	
D1654	MTZJ12C-T2	ZENER DIODE	
D1655	MA111-X	SI DIODE	
D1656	MA111-X	SI DIODE	
D1657	MA111-X	SI DIODE	

[ AV-21FR3 ]

Symbol No.	Part No.	Part Name	Description
<b>DIODE</b>			
D1701	MA111-X	SI. DIODE	
D1704	SLR-342VR-T16	LED	
D1705	SLR-342DU-T16	LED	
D1707	MA111-X	SI. DIODE	
D1731	MA111-X	SI. DIODE	
D1801	MA111-X	SI. DIODE	
△ D1901	G2SBA60	BRIDGE DIODE	
D1921	RGP10J-5025-T3	SI. DIODE	
D1925	RGP10J-5025-T3	SI. DIODE	
D1927	MTZJ36A-T2	ZENER DIODE	
D1928	MTZJ3.3A-T2	ZENER DIODE	
D1929	MTZJ3.3A-T2	ZENER DIODE	
D1930	RGP10H-5010-T3	SI. DIODE	
D1931	MA111-X	SI. DIODE	
D1933	MTZJ16C-T2	ZENER DIODE	
D1941	RU3AM-LFC4	SI. DIODE	
D1942	RU3YX-LFC4	SI. DIODE	
D1943	RGP10J-5025-T3	SI. DIODE	
D1982	MA111-X	SI. DIODE	
D1983	MA111-X	SI. DIODE	
<b>TRANSISTOR</b>			
Q1102	2SC5083/L-P/-T	SI. TRANSISTOR	
Q1301	2SB709A/QR/-X	SI. TRANSISTOR	
Q1302	2SD001A/QR/-X	SI. TRANSISTOR	
Q1351	STC344-T	SI. TRANSISTOR	
Q1352	STC344-T	SI. TRANSISTOR	
Q1353	STC344-T	SI. TRANSISTOR	
Q1371	2SD001A/QR/-X	SI. TRANSISTOR	
Q1372	2SD001A/QR/-X	SI. TRANSISTOR	
Q1373	2SD001A/QR/-X	SI. TRANSISTOR	
Q1401	DTC124ESA-T	DIGI. TRANSISTOR	
Q1402	2SD001A/QR/-X	SI. TRANSISTOR	
Q1403	2SD001A/QR/-X	SI. TRANSISTOR	
Q1404	2SD001A/QR/-X	SI. TRANSISTOR	
Q1521	2SC2655/Y/-T	SI. TRANSISTOR	
△ Q1522	2SD2627-YB11	POWER TRANSISTOR	H. OUT
Q1571	2SA1208/ST/Z1-T	SI. TRANSISTOR	
Q1572	2SD001A/QR/-X	SI. TRANSISTOR	
Q1651	2SD001A/QR/-X	SI. TRANSISTOR	
Q1652	2SD001A/QR/-X	SI. TRANSISTOR	
Q1653	2SB709A/QR/-X	SI. TRANSISTOR	
Q1702	2SD001A/QR/-X	SI. TRANSISTOR	
Q1703	UN2212-X	DIGI. TRANSISTOR	
Q1708	UN2212-X	DIGI. TRANSISTOR	
Q1709	2SB709A/QR/-X	SI. TRANSISTOR	
Q1803	2SC1815/YG/-T	SI. TRANSISTOR	
Q1804	2SD001A/QR/-X	SI. TRANSISTOR	
Q1821	2SB709A/QR/-X	SI. TRANSISTOR	
Q1822	2SD001A/QR/-X	SI. TRANSISTOR	
Q1824	2SD001A/QR/-X	SI. TRANSISTOR	
Q1825	UN2212-X	DIGI. TRANSISTOR	
Q1826	2SC5083/L-P/-T	SI. TRANSISTOR	
Q1974	2SA966/OY/-T	SI. TRANSISTOR	
Q1975	UN2212-X	DIGI. TRANSISTOR	

Symbol No.	Part No.	Part Name	Description
<b>IC</b>			
IC1301	NNS198K	I C	
IC1371	TC4053BP/W/	I C	
IC1421	AN5522	I C	
IC1651	AN5265	I C	
△ IC1701	MN1873287JJ1	I C (MCU)	
IC1702	AT24C08-21DM03	I C	(SERVICE)
IC1703	L78LR05E-MA	I C	
IC1704	PIC-47143SY	IR DETECT UNIT	
△ IC1821	SDA5553-V006	I C (MCU)	
△ IC1822	PQ2L3252MS-X	I C	
△ IC1921	STR-W5753A/F5	I C	
IC1971	BA17809T	I C	
IC1972	BA17805T	I C	
<b>OTHERS</b>			
	LC30114-001C-H	LED HOLDER	
	CM35921-005-H	CDS HOLDER	
△ CP1981	ICP-N25-Y	I. C. PROTECT	
△ CP1982	ICP-N75-Y	I. C. PROTECT	
△ F1901	QMF51E2-3R15J4	FUSE	3.15A
FC1901	CEM002-001Z	FUSE CLIP	(X2)
FR1557	QRJ146J-2R2X	C R	2.2Ω 1/4W J
J1002	QNN0384-001	PIN JACK	
J1003	QNN0281-003	PIN JACK	
J1004	QNN0281-002	PIN JACK	
△ J1005	QNS0197-001	3.5 JACK	
K1351	QQR0621-002Z	FERRITE BEADS	
K1421	QQR1113-001Z	FERRITE BEADS	
K1941	QQR1113-001Z	FERRITE BEADS	
K1942	QQR1113-001Z	FERRITE BEADS	
K1943	QQR1113-001Z	FERRITE BEADS	
△ LF1901	QQR0527-002	LINE FILTER	
PC1701	P1241-04	PHOTO CONDUCTOR	
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	QSW0750-001	PUSH SWITCH	POWER SW
SF1102	QAX0666-002	SAW FILTER	
SF1122	QAX0325-001	SAW FILTER	
△ SK1351	QNZ0537-001	CRT SOCKET	or QNZ0536-001
△ TH1901	QAD0121-9R0	THERMISTOR	or QAD0119-9R0
△ TU1001	QAU0282-001	TUNER	
△ VA1901	ERZV10V621CS	VARISTOR	or QAF0052-621
△ X1301	QAX0705-001Z	CRYSTAL	
X1302	CE41651-001Z	X-TAL	
X1701	QAX0307-001	C RESONATOR	
X1821	QAX0669-001Z	CRYSTAL	

# PRINTED WIRING BOARD PARTS LIST

[ AV-21FMG3B ]

## MAIN P.W. BOARD ASS'Y (SCG-1432A-H2)

Symbol No.	Part No.	Part Name	Description
<b>RESISTOR</b>			
R1002	NRSA63J-221X	MG R	220Ω 1/16W J
R1008	NRSA63J-221X	MG R	220Ω 1/16W J
R1004	NRSA63J-563X	MG R	56kΩ 1/16W J
R1102	NRSA63J-750X	MG R	75Ω 1/16W J
R1108	NRSA63J-100X	MG R	10Ω 1/16W J
R1109	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1110	NRSA63J-272X	MG R	2.7kΩ 1/16W J
R1111	NRSA63J-181X	MG R	180Ω 1/16W J
R1112	NRSA63J-220X	MG R	22Ω 1/16W J
R1113	NRSA63J-101X	MG R	100Ω 1/16W J
R1114	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1115	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R1117	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1118	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R1120	NRSA63J-391X	MG R	390Ω 1/16W J
R1121	NRSA63J-221X	MG R	220Ω 1/16W J
R1159	NRSA02J-184X	MG R	180kΩ 1/10W J
R1161	NRSA63J-102X	MG R	1kΩ 1/16W J
R1162	NRSA63J-122X	MG R	1.2kΩ 1/16W J
R1163	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R1164	NRSA63J-221X	MG R	220Ω 1/16W J
R1165	NRSA63J-220X	MG R	22Ω 1/16W J
R1166	NRSA63J-821X	MG R	820Ω 1/16W J
R1301	NRSA63J-221X	MG R	220Ω 1/16W J
R1302	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1308	NRSA63J-101X	MG R	100Ω 1/16W J
R1304	NRSA63J-101X	MG R	100Ω 1/16W J
R1305	NRSA63J-101X	MG R	100Ω 1/16W J
R1306	NRSA63J-221X	MG R	220Ω 1/16W J
R1307	NRSA63J-122X	MG R	1.2kΩ 1/16W J
R1308	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R1312	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1313	NRSA63J-102X	MG R	1kΩ 1/16W J
R1314	NRSA63J-102X	MG R	1kΩ 1/16W J
R1321	NRSA63J-152X	MG R	1.5kΩ 1/16W J
R1322	NRSA63J-272X	MG R	2.7kΩ 1/16W J
R1323	NRSA63J-103X	MG R	10kΩ 1/16W J
R1324	NRSA63J-102X	MG R	1kΩ 1/16W J
R1326	NRSA63J-101X	MG R	100Ω 1/16W J
R1327	NRSA02J-475X	MG R	4.7MΩ 1/10W J
R1341	NRSA63J-332X	MG R	3.3kΩ 1/16W J
R1347	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1349	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1351	NRSA63J-151X	MG R	150Ω 1/16W J
R1352	NRSA63J-151X	MG R	150Ω 1/16W J
R1353	NRSA63J-151X	MG R	150Ω 1/16W J
R1354	NRSA63J-331X	MG R	330Ω 1/16W J
R1355	NRSA63J-331X	MG R	330Ω 1/16W J
R1356	NRSA63J-331X	MG R	330Ω 1/16W J
R1357	NRSA63J-101X	MG R	100Ω 1/16W J
R1358	NRSA63J-101X	MG R	100Ω 1/16W J
R1359	NRSA63J-101X	MG R	100Ω 1/16W 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	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R1367	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R1368	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R1372	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1374	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1401	NRSA63J-103X	MG R	10kΩ 1/16W J
R1421	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1423	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1424	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1425	NRSA63J-332X	MG R	3.3kΩ 1/16W J
R1426	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1429	NRSA63J-103X	MG R	10kΩ 1/16W J
R1430	NRSA63J-823X	MG R	82kΩ 1/16W J
R1431	NRSA63J-103X	MG R	10kΩ 1/16W J

Symbol No.	Part No.	Part Name	Description
<b>RESISTOR</b>			
R1432	QRE121J-3R9Y	C R	3.9Ω 1/2W J
R1433	QRE121J-2R7Y	C R	2.7Ω 1/2W J
R1436	NRSA63J-823X	MG R	82kΩ 1/16W J
R1437	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R1438	NRSA63J-223X	MG R	22kΩ 1/16W J
R1439	NRSA63J-104X	MG R	100kΩ 1/16W J
R1440	QRE121J-471Y	C R	47Ω 1/2W J
R1441	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R1442	NRSA63J-103X	MG R	10kΩ 1/16W J
R1443	QRE121J-1R0Y	C R	1.0Ω 1/2W J
R1453	NRSA63J-272X	MG R	2.7kΩ 1/16W J
R1502	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1508	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1525	QRL029J-180	OM R	18Ω 2W J
R1526	QRE121J-271Y	C R	27Ω 1/2W J
R1529	QRL029J-681	OM R	68Ω 2W J
R1531	NRSA63J-331X	MG R	33Ω 1/16W J
R1532	NRSA63J-102X	MG R	1kΩ 1/16W J
R1551	QRZ011-1R0	F R	1.0Ω 1/2W J
R1552	QRJ146J-2R2X	C R	2.2Ω 1/4W J
R1554	QRE121J-681Y	C R	68Ω 1/2W J
R1571	QRE121J-222Y	C R	2.2kΩ 1/2W J
R1573	QRT029J-1R5	MF R	1.5Ω 2W J
R1574	QRT029J-1R5	MF R	1.5Ω 2W J
R1576	QRE121J-223Y	C R	22kΩ 1/2W J
R1577	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1578	NRSA63J-103X	MG R	10kΩ 1/16W J
R1581	QRE121J-182Y	C R	1.8kΩ 1/2W J
R1582	NRSA63J-223X	MG R	22kΩ 1/16W J
R1588	NRSA63J-393X	MG R	39kΩ 1/16W J
R1651	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1652	NRSA63J-102X	MG R	1kΩ 1/16W J
R1653	NRSA63J-331X	MG R	33Ω 1/16W J
R1654	NRSA63J-223X	MG R	22kΩ 1/16W J
R1655	NRSA63J-473X	MG R	47kΩ 1/16W J
R1656	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R1657	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R1658	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R1659	QRE121J-4R7Y	C R	4.7Ω 1/2W J
R1660	NRSA63J-153X	MG R	15kΩ 1/16W J
R1661	QRE121J-271Y	C R	27Ω 1/2W J
R1662	QRE121J-271Y	C R	27Ω 1/2W J
R1664	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1665	NRSA63J-103X	MG R	10kΩ 1/16W J
R1666	NRSA63J-101X	MG R	100Ω 1/16W J
R1667	QRE121J-101Y	C R	100Ω 1/2W J
R1668	QRT029J-5R6	MF R	5.6Ω 2W J
R1701	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R1702	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R1708	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1704	NRSA63J-221X	MG R	22Ω 1/16W J
R1705	NRSA63J-221X	MG R	22Ω 1/16W J
R1706	NRSA63J-561X	MG R	56Ω 1/16W J
R1707	NRSA63J-561X	MG R	56Ω 1/16W J
R1708	NRSA63J-102X	MG R	1kΩ 1/16W J
R1709	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1710	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1711	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1712	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1713	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1714	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1715	NRSA63J-221X	MG R	22Ω 1/16W J
R1716	NRSA63J-221X	MG R	22Ω 1/16W J
R1718	NRSA63J-561X	MG R	56Ω 1/16W J
R1719	NRSA63J-102X	MG R	1kΩ 1/16W J
R1720	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1721	NRSA63J-103X	MG R	10kΩ 1/16W J
R1723	QRL029J-270	OM R	27Ω 3W J
R1725	NRSA63J-102X	MG R	1kΩ 1/16W J
R1726	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1727	NRSA63J-153X	MG R	15kΩ 1/16W J
R1728	NRSA63J-102X	MG R	1kΩ 1/16W J

## [ AV-21FMG3B ]

△ Symbol No.	Part No.	Part Name	Description
<b>RESISTOR</b>			
R1729	NRSA63J-102X	MG R	1kΩ 1/16W J
R1730	NRSA63J-103X	MG R	10kΩ 1/16W J
R1731	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1736	NRSA63J-823X	MG R	82kΩ 1/16W J
R1737	NRSA63J-104X	MG R	100kΩ 1/16W J
R1738	NRSA63J-103X	MG R	10kΩ 1/16W J
R1739	NRSA63J-103X	MG R	10kΩ 1/16W J
R1740	NRSA63J-392X	MG R	3.9kΩ 1/16W J
R1741	NRSA63J-561X	MG R	560Ω 1/16W J
R1742	NRSA63J-563X	MG R	56kΩ 1/16W J
R1746	NRSA63J-103X	MG R	10kΩ 1/16W J
R1747	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R1748	NRSA63J-101X	MG R	100Ω 1/16W J
R1749	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1771	NRSA63J-821X	MG R	820Ω 1/16W J
R1772	NRSA63J-821X	MG R	820Ω 1/16W J
R1791	NRSA63J-221X	MG R	220Ω 1/16W J
R1792	NRSA63J-221X	MG R	220Ω 1/16W J
R1793	NRSA63J-221X	MG R	220Ω 1/16W J
R1794	NRSA63J-221X	MG R	220Ω 1/16W J
R1795	NRSA63J-221X	MG R	220Ω 1/16W J
R1796	NRSA63J-103X	MG R	10kΩ 1/16W J
R1797	NRSA63J-153X	MG R	15kΩ 1/16W J
R1802	NRSA63J-750X	MG R	75Ω 1/16W J
R1806	QRE121J-271Y	C R	270Ω 1/2W J
R1807	NRSA63J-680X	MG R	68Ω 1/16W J
R1810	QRG01GJ-560	OM R	56Ω 1W J
R1811	NRSA63J-221X	MG R	220Ω 1/16W J
R1815	QRE121J-181Y	C R	180Ω 1/2W J
R1816	NRSA63J-681X	MG R	680Ω 1/16W J
R1817	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R1901	QRF104K-3R9	UNF R	3.9Ω 10W K
R1903	QRL029J-104	OM R	100kΩ 2W J
R1904	QRL039J-151	OM R	150Ω 3W J
R1906	QRL029J-104	OM R	100kΩ 2W J
R1921	QRE121J-2R2Y	C R	2.2Ω 1/2W J
R1922	QRE121J-221Y	C R	220Ω 1/2W J
R1923	QRM034J-R22	MP R	0.22Ω 3W J
R1928	QRL039J-683	OM R	68kΩ 3W J
R1933	QRE121J-4R7Y	C R	4.7Ω 1/2W J
R1934	NRSA63J-683X	MG R	68kΩ 1/16W J
R1935	QRE121J-562Y	C R	5.6kΩ 1/2W J
R1974	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R1976	QRT029J-8R2	MF R	8.2Ω 2W J
R1977	QRE121J-122Y	C R	1.2kΩ 1/2W J
R1978	NRSA63J-473X	MG R	47kΩ 1/16W J
R1979	QRL039J-220	OM R	22Ω 3W J
R1980	QRL029J-152	OM R	1.5kΩ 2W J
△ R1991	QRZ9046-825Z	C R	8.2kΩ 1/2W K

**CAPACITOR**

C1001	QETN1HM-106Z	E CAP.	10μF 50V M
C1002	NCB31HK-103X	C CAP.	0.01μF 50V K
C1004	QETN1CM-477Z	E CAP.	470μF 16V M
C1005	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1008	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1103	QETN1EM-476Z	E CAP.	47μF 25V M
C1104	NCB31HK-472X	C CAP.	4700pF 50V K
C1105	NCB31HK-472X	C CAP.	4700pF 50V K
C1106	NCB31HK-472X	C CAP.	4700pF 50V K
C1107	NCB31HK-472X	C CAP.	4700pF 50V K
C1109	NCB31HK-472X	C CAP.	4700pF 50V K
C1110	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
C1112	QETN1EM-476Z	E CAP.	47μF 25V M
C1113	NCB31HK-472X	C CAP.	4700pF 50V K
C1114	NCB31HK-103X	C CAP.	0.01μF 50V K
C1115	NCB31HK-103X	C CAP.	0.01μF 50V K
C1116	NCB31HK-103X	C CAP.	0.01μF 50V K
C1117	QFV71HJ-224Z	MF CAP.	0.22μF 50V J
C1119	QETN1HM-474Z	E CAP.	0.47μF 50V M
C1120	NDC31HJ-121X	C CAP.	120pF 50V J
C1121	NCB31HK-103X	C CAP.	0.01μF 50V K
C1122	NCB31HK-103X	C CAP.	0.01μF 50V K
C1162	NCB31HK-152X	C CAP.	1500pF 50V K

△ Symbol No.	Part No.	Part Name	Description
<b>CAPACITOR</b>			
C1164	NCB31HK-103X	C CAP.	0.01μF 50V K
C1165	NCB31HK-103X	C CAP.	0.01μF 50V K
C1166	NCB31HK-104X	C CAP.	0.1μF 50V K
C1301	NCB31HK-123X	C CAP.	0.012μF 50V K
C1302	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1303	NDC31HJ-100X	C CAP.	10pF 50V J
C1304	QFV71HJ-474Z	MF CAP.	0.47μF 50V J
C1305	QETN1HM-474Z	E CAP.	0.47μF 50V M
C1306	NCB31HK-103X	C CAP.	0.01μF 50V K
C1307	QETN1CM-477Z	E CAP.	470μF 16V M
C1308	QETN1CM-107Z	E CAP.	100μF 16V M
C1309	NCB31HK-103X	C CAP.	0.01μF 50V K
C1310	NDC31HJ-221X	C CAP.	220pF 50V J
C1311	NCB31HK-103X	C CAP.	0.01μF 50V K
C1312	QENCLHM-474Z	E CAP.	0.47μF 50V M
C1313	QETN1HM-335Z	E CAP.	3.3μF 50V M
C1314	NCB31HK-103X	C CAP.	0.01μF 50V K
C1315	QETN1CM-107Z	E CAP.	100μF 16V M
C1316	QETN1HM-106Z	E CAP.	10μF 50V M
C1317	NCB31EK-473X	C CAP.	0.047μF 25V K
C1321	NDC31HJ-120X	C CAP.	120pF 50V J
C1322	NCB31EK-273X	C CAP.	0.027μF 25V K
C1323	QETN1HM-474Z	E CAP.	0.47μF 50V M
C1324	QETN1HM-106Z	E CAP.	10μF 50V M
C1325	QENCLHM-106Z	BP E CAP.	10μF 50V M
C1326	NCS21HJ-221X	C CAP.	220pF 50V J
C1341	QETN1HM-106Z	E CAP.	10μF 50V M
C1352	QFZ0097-103	MM CAP.	0.01μF 1250V K
C1354	NDC31HJ-271X	C CAP.	270pF 50V J
C1355	NDC31HJ-221X	C CAP.	220pF 50V J
C1356	NDC31HJ-331X	C CAP.	330pF 50V J
C1357	QETN1AM-477Z	E CAP.	470μF 10V M
C1365	QENCLHM-105Z	E CAP.	1μF 50V M
C1366	QENCLHM-105Z	E CAP.	1μF 50V M
C1367	QENCLHM-105Z	E CAP.	1μF 50V M
C1401	QFV71HJ-474Z	MF CAP.	0.47μF 50V J
C1423	QCS32HJ-180Z	C CAP.	18pF 500V J
C1424	QFLC2AJ-103Z	M CAP.	0.01μF 100V J
C1426	QFLC1HJ-102Z	M CAP.	1000pF 50V J
C1427	QETN1VM-107Z	E CAP.	100μF 35V M
C1428	QETN1VM-107Z	E CAP.	100μF 35V M
C1429	QETN1HM-106Z	E CAP.	10μF 50V M
C1430	QFN32AJ-472Z	M CAP.	4700pF 100V J
C1433	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1435	QETN1EM-228	E CAP.	2200μF 25V M
C1436	QFV71HJ-334Z	MF CAP.	0.33μF 50V J
C1437	NCB31HK-104X	C CAP.	0.1μF 50V K
C1501	QETN1AM-477Z	E CAP.	470μF 10V M
C1502	NCB31HK-103X	C CAP.	0.01μF 50V K
C1503	QETN1HM-106Z	E CAP.	10μF 50V M
C1523	QETN1EM-476Z	E CAP.	47μF 25V M
△ C1525	QFZ000-97Z	MPP CAP.	9700pF 1.5kVH±3%
C1526	QFLC1HJ-103Z	M CAP.	0.01μF 50V J
△ C1527	QFZ0199-334	MPP CAP.	0.33μF 250V J
C1529	QFN32AJ-102Z	M CAP.	1000pF 100V J
C1531	QEZ0203-107	E CAP.	100μF 160V M
C1552	QETN1VM-108	E CAP.	1000μF 35V M
C1554	QETN1EM-475Z	E CAP.	4.7μF 250V M
C1555	QFLC2AJ-104Z	M CAP.	0.1μF 100V J
C1557	QETN1HM-107Z	E CAP.	100μF 50V M
C1571	QETN1AM-107Z	E CAP.	100μF 10V M
C1572	QETN1EM-476Z	E CAP.	47μF 25V M
C1581	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
C1652	NCB31HK-473X	C CAP.	0.047μF 50V K
C1653	QETN1HM-106Z	E CAP.	10μF 50V M
C1654	QETN1CM-477Z	E CAP.	470μF 16V M
C1655	QETN1HM-106Z	E CAP.	10μF 50V M
C1656	QENCLHM-105Z	E CAP.	1μF 50V M
C1657	QETN1EM-107Z	E CAP.	100μF 25V M
C1658	QETN1EM-227Z	E CAP.	220μF 25V M
C1659	QETN1HM-475Z	E CAP.	4.7μF 50V M
C1663	NCB31HK-102X	C CAP.	1000pF 50V K
C1664	QETN1CM-107Z	E CAP.	100μF 16V M
C1665	NCB31HK-103X	C CAP.	0.01μF 50V K
C1701	QETN1HM-106Z	E CAP.	10μF 50V M
C1705	QETN1CM-477Z	E CAP.	470μF 16V M

[ AV-21FMG3B ]

Symbol No.	Part No.	Part Name	Description
<b>CAPACITOR</b>			
C1706	NCB31HK-104X	C CAP.	0.1 $\mu$ F 50V K
C1707	NCB31HK-103X	C CAP.	0.01 $\mu$ F 50V K
C1708	QETNLIAM-108Z	E CAP.	1000 $\mu$ F 10V M
C1709	NCB31HK-103X	C CAP.	0.01 $\mu$ F 50V K
C1710	QETNLCM-107Z	E CAP.	100 $\mu$ F 16V M
C1711	NCB31HK-103X	C CAP.	0.01 $\mu$ F 50V K
C1712	NCB31HK-103X	C CAP.	0.01 $\mu$ F 50V K
C1713	NCB31HK-103X	C CAP.	0.01 $\mu$ F 50V K
C1716	NDC31HJ-181X	C CAP.	180 $\mu$ F 50V J
C1717	NDC31HJ-181X	C CAP.	180 $\mu$ F 50V J
C1718	NCB31HK-103X	C CAP.	0.01 $\mu$ F 50V K
C1719	QETNLHM-105Z	E CAP.	1 $\mu$ F 50V M
C1720	NCB31HK-103X	C CAP.	0.01 $\mu$ F 50V K
C1721	NCB31EK-333X	C CAP.	0.033 $\mu$ F 25V K
C1722	NDC31HJ-101X	C CAP.	100 $\mu$ F 50V J
C1724	NDC31HJ-560X	C CAP.	56 $\mu$ F 50V J
C1728	NDC31HJ-181X	C CAP.	180 $\mu$ F 50V J
C1729	NDC31HJ-181X	C CAP.	180 $\mu$ F 50V J
C1730	NCB31HK-103X	C CAP.	0.01 $\mu$ F 50V K
C1741	QETNLHM-106Z	E CAP.	10 $\mu$ F 50V M
C1742	QETNLHM-106Z	E CAP.	10 $\mu$ F 50V M
C1743	QETNLHM-106Z	E CAP.	10 $\mu$ F 50V M
C1744	NCB31HK-103X	C CAP.	0.01 $\mu$ F 50V K
C1805	QETNLCM-227Z	E CAP.	220 $\mu$ F 16V M
C1806	QETNLCM-477Z	E CAP.	470 $\mu$ F 16V M
C1811	QETNLHM-106Z	E CAP.	10 $\mu$ F 50V M
C1841	NCB31HK-152X	C CAP.	150 $\mu$ F 50V K
C1901	QFZ9078-224	MPF CAP.	0.22 $\mu$ FAC275V M
C1904	QCZ9015-102	C CAP.	100 $\mu$ FAC250V Z
C1905	QCZ9015-102	C CAP.	100 $\mu$ FAC250V Z
C1907	QCZ9015-102	C CAP.	100 $\mu$ FAC250V Z
C1909	QEZ0552-127	E CAP.	or QEZ0199-127 120 $\mu$ F 400V M
C1910	QFZ9078-473	MPF CAP.	0.047 $\mu$ FAC275V M
C1922	QFLCIHJ-104Z	M CAP.	0.1 $\mu$ F 50V J
C1924	QETNLHM-475Z	E CAP.	4.7 $\mu$ F 50V M
C1925	QETNLVM-476Z	E CAP.	47 $\mu$ F 35V M
C1926	QFLCIHJ-332Z	M CAP.	330 $\mu$ F 50V J
C1929	QFKAZJK-103	MM CAP.	0.01 $\mu$ F 630V K
C1931	QCZ0364-681	C CAP.	680 $\mu$ F 2kV K
C1932	NDC31HJ-681X	C CAP.	680 $\mu$ F 50V J
C1941	QCZ0364-561	C CAP.	560 $\mu$ F 2kV K
C1942	QEZ0203-107	E CAP.	100 $\mu$ F 160V M
C1944	QCB32HK-222Z	C CAP.	220 $\mu$ F 500V K
C1945	QEHRIEM-108Z	E CAP.	1000 $\mu$ F 25V M
C1946	QETNLIEM-108Z	E CAP.	1000 $\mu$ F 25V M
C1947	QCB32HK-222Z	C CAP.	220 $\mu$ F 500V K
C1948	QETNLIEM-108Z	E CAP.	1000 $\mu$ F 25V M
C1949	NDC31HJ-471X	C CAP.	470 $\mu$ F 50V J
C1961	QETNLHM-475Z	E CAP.	4.7 $\mu$ F 50V M
C1976	QETNLIEM-227Z	E CAP.	220 $\mu$ F 25V M
C1977	QETNLCM-227Z	E CAP.	220 $\mu$ F 16V M
C1978	QETNLIEM-227Z	E CAP.	220 $\mu$ F 25V M
C1979	QETNLIAM-227Z	E CAP.	220 $\mu$ F 10V M
C1991	QCZ9079-102	C CAP.	100 $\mu$ FAC250V M
C1992	QCZ9079-102	C CAP.	100 $\mu$ FAC250V M
C1998	QCZ9079-222	C CAP.	220 $\mu$ FAC250V M

**TRANSFORMER**

T1501	QQR1244-001	DRIVE TRANSF.
T1522	QQH0131-001	F. B. TRANSF.
T1921	QQS0161-001	SW TRANSF.

**COIL**

L1001	QQL244K-8R2Z	COIL	8.2 $\mu$ H K
L1101	QQL244J-2R2Z	COIL	2.2 $\mu$ H J
L1108	QQL244K-8R2Z	COIL	8.2 $\mu$ H K
L1551	QQL2034-240	INDUCTOR	
L1701	QQL244J-5R6Z	COIL	5.6 $\mu$ H J
L1941	QQL26AK-820Z	COIL	82 $\mu$ H K
L1942	QQL244J-4R7Z	INDUCTOR	
L1948	QQL244J-4R7Z	INDUCTOR	

Symbol No.	Part No.	Part Name	Description
<b>DIODE</b>			
D1001	MTZJ33A-T2	ZENER DIODE	
D1102	MA859-T2	SI DIODE	
D1301	MTZJ9.1B-T2	ZENER DIODE	
D1302	MTZJ9.1B-T2	ZENER DIODE	
D1305	AK04-T2	SB DIODE	
D1306	QRE121J-121Y	C R	120 $\Omega$ 1/2W J
D1341	MA111-X	SI DIODE	
D1421	MTZJ75-T2	ZENER DIODE	
D1423	1SR124-400A-T2	SI DIODE	
D1425	MA111-X	SI DIODE	
D1427	MTZJ27B-T2	ZENER DIODE	
D1501	MTZJ6.8C-T2	ZENER DIODE	
D1551	RGP10J-5025-T3	SI DIODE	
D1552	RGP10J-5025-T3	SI DIODE	
D1553	MTZJ9.1B-T2	ZENER DIODE	
D1554	MA111-X	SI DIODE	
D1557	1SR124-400A-T2	SI DIODE	
D1571	MTZJ7.5S-T2	ZENER DIODE	
D1581	MTZJ20B-T2	ZENER DIODE	
D1582	RGP10J-5025-T3	SI DIODE	
D1651	MA111-X	SI DIODE	
D1652	MTZJ12C-T2	ZENER DIODE	
D1653	MA111-X	SI DIODE	
D1654	MTZJ12C-T2	ZENER DIODE	
D1655	MA111-X	SI DIODE	
D1656	MA111-X	SI DIODE	
D1657	MA111-X	SI DIODE	
D1701	MA111-X	SI DIODE	
D1704	SLR-342VR-T16	LED	
D1705	SLR-342DU-T16	LED	
D1707	MA111-X	SI DIODE	
D1731	MA111-X	SI DIODE	
D1901	G25BA60	BRIDGE DIODE	
D1921	RGP10J-5025-T3	SI DIODE	
D1925	RGP10J-5025-T3	SI DIODE	
D1927	MTZJ36A-T2	ZENER DIODE	
D1928	MTZJ3.3A-T2	ZENER DIODE	
D1929	MTZJ3.3A-T2	ZENER DIODE	
D1930	RGP10M-5010-T3	SI DIODE	
D1931	MA111-X	SI DIODE	
D1933	MTZJ16C-T2	ZENER DIODE	
D1941	RU3M-LFC4	SI DIODE	
D1942	RU3X-LFC4	SI DIODE	
D1943	RGP10J-5025-T3	SI DIODE	
D1982	MA111-X	SI DIODE	
D1983	MA111-X	SI DIODE	

**TRANSISTOR**

Q1102	2SC9083/L-P/-T	SI TRANSISTOR	
Q1103	UN2212-X	DIGI. TRANSISTOR	
Q1161	2SD01A/QR/-X	SI TRANSISTOR	
Q1301	2SB709A/QR/-X	SI TRANSISTOR	
Q1302	2SD01A/QR/-X	SI TRANSISTOR	
Q1351	STC344-T	SI TRANSISTOR	
Q1352	STC344-T	SI TRANSISTOR	
Q1353	STC344-T	SI TRANSISTOR	
Q1401	DTC124ESA-T	DIGI. TRANSISTOR	
Q1402	2SD01A/QR/-X	SI TRANSISTOR	
Q1403	2SD01A/QR/-X	SI TRANSISTOR	
Q1404	2SD01A/QR/-X	SI TRANSISTOR	
Q1521	2SC2655/Y/-T	SI TRANSISTOR	
Q1522	2SD2627-YB11	POWER TRANSISTOR	H. OUT
Q1571	2SA1208/ST/Z1-T	SI TRANSISTOR	
Q1572	2SD01A/QR/-X	SI TRANSISTOR	
Q1651	2SD01A/QR/-X	SI TRANSISTOR	
Q1652	2SD01A/QR/-X	SI TRANSISTOR	
Q1653	2SB709A/QR/-X	SI TRANSISTOR	
Q1702	2SD01A/QR/-X	SI TRANSISTOR	
Q1703	2SD01A/QR/-X	SI TRANSISTOR	
Q1708	UN2212-X	DIGI. TRANSISTOR	
Q1709	2SB709A/QR/-X	SI TRANSISTOR	
Q1803	2SC1815/YG/-T	SI TRANSISTOR	
Q1804	2SD01A/QR/-X	SI TRANSISTOR	
Q1974	2SA966/OY/-T	SI TRANSISTOR	
Q1975	UN2212-X	DIGI. TRANSISTOR	

## [ AV-21FMG3B ]

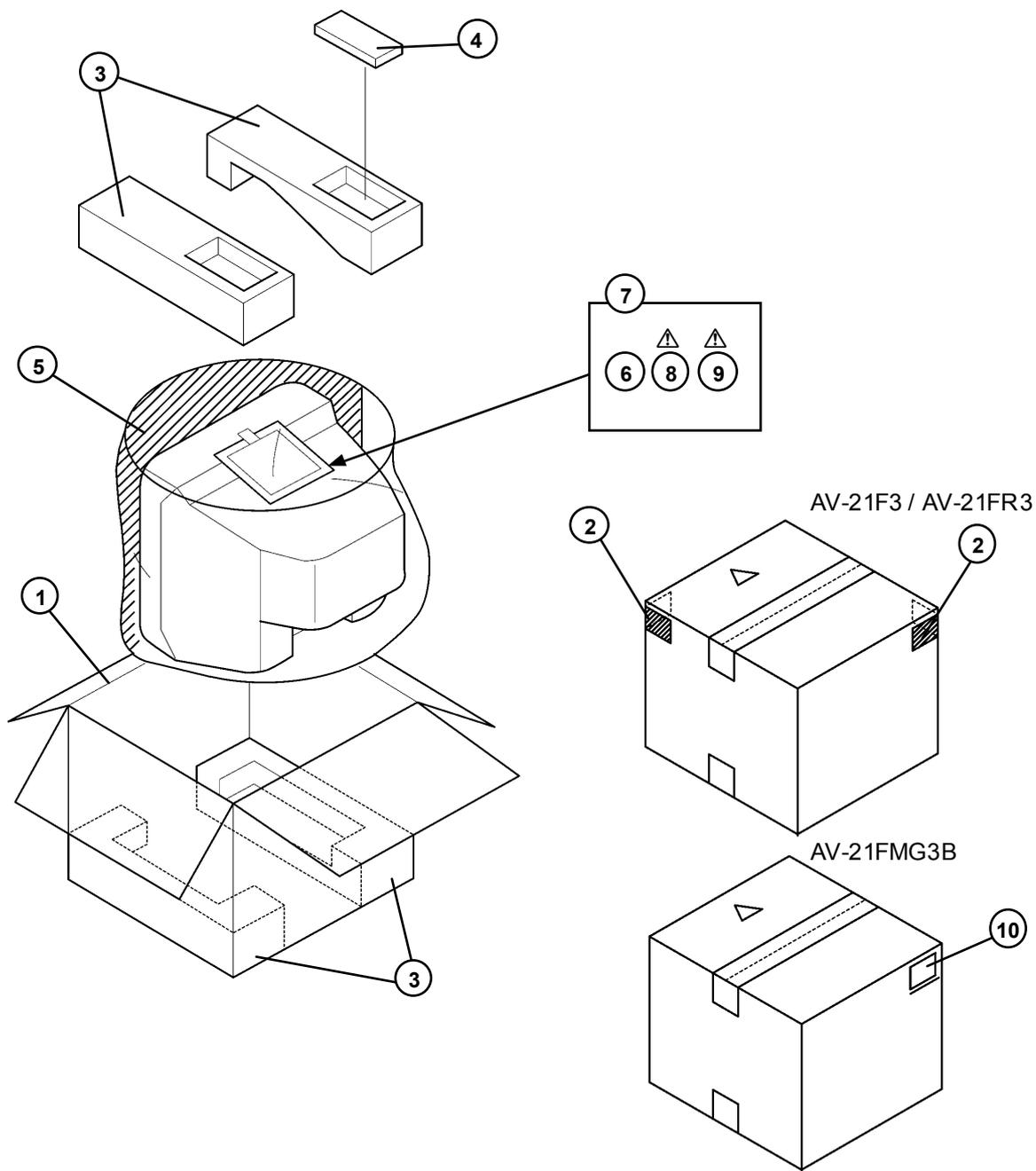
△ Symbol No.	Part No.	Part Name	Description
<b>IC</b>			
	IC1301	NN5198K	I C
	IC1421	AN5522	I C
	IC1651	AN5265	I C
△	IC1701	MN1873287JJ1	I C(MCU)
	IC1702	AT24C08-21DMG3	I C (SERVICE)
	IC1703	L78LR05E-MA	I C
	IC1704	PIC-47143SY	IR DETECT UNIT
△	IC1921	STR-W5753A/F5	I C
	IC1971	BA17809T	I C
	IC1972	BA17805T	I C
<b>OTHERS</b>			
		LC30114-001C-H	LED HOLDER
		CM35921-005-H	CDS HOLDER
	CF1161	QAX0642-001Z	C FILTER
△	CP1981	ICP-N25-Y	I. C. PROTECT
△	CP1982	ICP-N75-Y	I. C. PROTECT
△	F1901	QMF51E2-3R15J4	FUSE 3.15A
	FC1901	CEM002-001Z	FUSE CLIP (X2)
	FR1557	QRJ146J-2R2X	C R 2.2Ω 1/4W J
	J1002	QNN0384-001	PIN JACK or CEMN065-001
	J1003	QNN0281-003	PIN JACK or CEMN065-002
	J1004	QNN0281-002	PIN JACK
△	J1005	QNS0197-001	3.5 JACK
	K1351	QQR0621-002Z	FERRITE BEADS
	K1421	QQR1113-001Z	FERRITE BEADS
	K1941	QQR1113-001Z	FERRITE BEADS
	K1942	QQR1113-001Z	FERRITE BEADS
	K1943	QQR1113-001Z	FERRITE BEADS
△	LF1901	QQR0527-002	LINE FILTER
	PC1701	P1241-04	PHOTO CONDUCTOR
	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	QSW0750-001	PUSH SWITCH POWER SW
	SF1102	QAX0731-001	SAW FILTER
	SF1122	QAX0725-001	SAW FILTER
△	SK1351	QNZ0537-001	CRT SOCKET or QNZ0536-001
△	TH1901	QAD0121-9R0	THERMISTOR or QAD0119-9R0
△	TU1001	QAU0282-001	TUNER
△	VA1901	ERZV10V621CS	VARISTOR or QAF0052-621
△	X1301	QAX0705-001Z	CRYSTAL
	X1302	CE41651-001Z	X-TAL
	X1701	QAX0307-001	C RESONATOR

AV-21F3  
 AV-21FR3  
 AV-21FMG3B

## PACKING PARTS LIST

△ Ref.No.	Part No.	Part Name	Description
<b>AV-21F3</b>			
1	GG10056-067A-H	P CASE	
2	GG20012-001A-H	CORNER LABEL	(×2)
3	LC10516-002A-H	CUSHION ASSY	4pcs in 1set
4	RM-C364GY-1H	RC HAND PIECE	
5	CP30967-003-H	POLY BAG	or CP30967-005-H
6	R6PY/2S	BATTERY	(×2)
7	CP30966-001-H	POLY BAG	
△ 8	LCT1188-001A-H	INST BOOK	
△ 9	LCT1189-001A-H	DIGEST MANUAL	
<b>AV-21FR3</b>			
1	GG10056-067A-H	P CASE	
2	GG20012-001A-H	CORNER LABEL	(×2)
3	LC10516-002A-H	CUSHION ASSY	4pcs in 1set
4	RM-C90-1H	RC HAND PIECE	
5	CP30967-003-H	POLY BAG	or CP30967-005-H
6	R6PY/2S	BATTERY	(X2)
7	CP30966-001-H	POLY BAG	
△ 8	LCT1188-001A-H	INST BOOK	
△ 9	LCT1189-001A-H	DIGEST MANUAL	
<b>AV-21FMG3B</b>			
1	GG10056-067A-H	P CASE	
3	LC10516-002A-H	CUSHION ASSY	4pcs in 1set
4	RM-C364-1H	RC HAND PIECE	
5	CP30967-003-H	POLY BAG	or CP30967-005-H
6	R6PY/2S	BATTERY	(X2)
7	CP30966-001-H	POLY BAG	
8	LCT1188-001A-H	INST BOOK	
△ 9	LCT1189-001A-H	DIGEST MANUAL	
10	CM47385-00B-H	POS,SERIAL LABEL	

# PACKING



**JVC**

VICTOR COMPANY OF JAPAN, LIMITED

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

AV21F3-H  
AV21FR3-H  
AV21FMG3B-H



VP 0206  
DP 7059