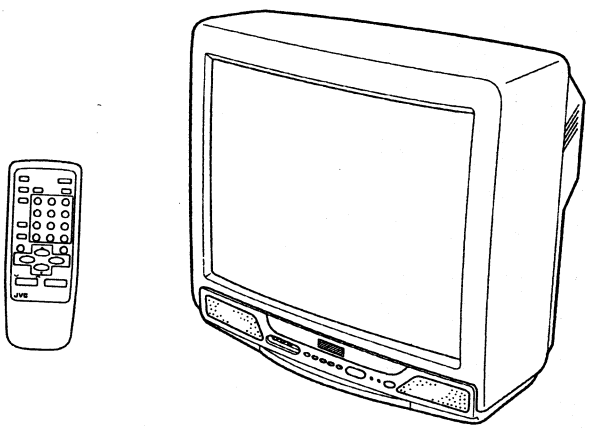
JVC

AV-21AT

■ APPLICABLE MODELS

This standard circuit diagram is applicable to the following models
However, there will be differences between this model and the following ap
please refer to "PARTS DIFFERENCE TABLE" in the service manual of th

Basic Model (this Model)	Applicable M
AV-21AT (Service Manual: No. 56013, May 2000)	AV-21ATG (Service Ma
	AV-21ATG(-A) (Service Ma
	AV-21A4EE (Service Ma
	AV-21A4(BK) (Service Ma



The different parts between AV-21AT and AV-21ATG(-A) are described below:

⚠	REF. NO.	AV-21AT PART No.	AV-21ATG(-A) PART No.	PART NAME	DESCRIPTION
■ EXPLODED VIEW PARTS LIST (Page 28)					
⚠	15	LC20377-010A-H	**LC20413-002A-H**	RATING LABEL	
⚠	18	QMP40D0-200J5 or QMP40D0-200J3	**QMPR010-200-E2** **or QMPR010-200-K2**	POWER CORD	
■ PRINTED WIRING BOARD PARTS LIST (Page 30)					
	—	SCG-1247A-H2	**SCG-1244A-H2**	MAIN PWB ASSY	
	IC1701	MN1873287JA	**MN1873287JB**	IC (MICROCOMPUTER)	
	IC1702	AT24C08-21FTR	**AT24C08-21FM**	IC (MEMORY)	(Service)
■ PACKING PARTS LIST (Page 34)					
	1	GG10056-017A-H	**GG10056-018A-H**	PACKING CASE	
⚠	7	LCT0748-001A-H	**LCT0728-001A-H**	INST BOOK	
⚠	8	LCT0749-001A-H	**LCT0750-001A-H**	DIGEST MANUAL	
⚠	—	———	**QAM0055-001**	CONVERSION PLUG	
■ EXPLODED VIEW PARTS LIST (Page 28)					
⚠	15	LC20377-010A-H	**LC20377-001A-H**	RATING LABEL	
■ PRINTED WIRING BOARD PARTS LIST (Page 30)					
	—	SCG-1247A-H2	**SCG-1244A-H2**	MAIN PWB ASSY	
	IC1701	MN1873287JA	**MN1873287JB**	IC (MICROCOMPUTER)	
	IC1702	AT24C08-21FTR	**AT24C08-21FM**	IC (MEMORY)	(Service)
■ PACKING PARTS LIST (Page 34)					
	1	GG10056-017A-H	**GG10056-018A-H**	PACKING CASE	
⚠	7	LCT0748-001A-H	**LCT0728-001A-H**	INST BOOK	
⚠	8	LCT0749-001A-H	**LCT0729-001A-H**	DIGEST MANUAL	

The different parts between AV-21AT and AV-21A4EE are described below:

⚠	REF. NO.	AV-21AT PART No.	AV-21A4EE PART No.	
■ EXPLODED VIEW PARTS LIST (Page 28)				
⚠	V01	A51LMV20X	**A51LEC065X**	PIC
	DY01	CE20336-00A	**CE20332-00A**	DE
⚠	T1522	QQH0069-001	**QQH0070-001**	H.V
	1	GG10047-002A-H	**GG10047-003A-H**	FR
⚠	15	LC20377-010A-H	**LC20377-009A-H**	RA
■ PRINTED WIRING BOARD PARTS LIST (Page 30)				
	—	SCG-1247A-H2	**SCG-1242A-H2**	MA
	R1161	———	**NRSA02J-102X**	CH
	R1162	———	**NRSA02J-122X**	CH
	R1163	———	**NRSA02J-222X**	CH
	R1164	———	**NRSA02J-221X**	CH
	R1165	———	**NRSA02J-220X**	CH
	R1166	———	**NRSA02J-821X**	CH
	C1161	———	**NCB21HK-103X**	CH
	C1164	———	**NCB21HK-103X**	CH
	C1165	———	**NCB21HK-103X**	CH
	C1166	———	**NCB21HK-104X**	CH
	C1525	QFZ0200-103	———	MP
		———	**QFZ0200-962**	MP
	C1527	QFZ0199-224	———	MP
		———	**QFZ0199-254**	MP
	C1582	QFZ0199-224	———	MP
		———	**QFZ0199-274**	MP
⚠	T1522	QQH0069-001	**QQH0070-001**	H.V.
	L1551	QQLZ018-430	**QQLZ018-540**	HEA
	Q1161	———	**2SC2412K/QR/-X**	CHI
	CF1161	———	**SFSH4.5MCB**	CER
■ PACKING PARTS LIST (Page 34)				
	1	GG10056-017A-H	**GG10056-015A-H**	PAC
⚠	7	LCT0748-001A-H	**LCT0751-001A-H**	INS
⚠	8	LCT0749-001A-H	———	DIG
	—	———	**BT-54012-1**	WA

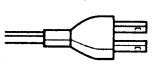
e following models
model and the following applicable models. For the differences,
in the service manual of the following applicable models.

Applicable Models	
V-21ATG	(Service Manual: No. 56014, May 2000)
V-21ATG(-A)	(Service Manual: No. 56015, May 2000)
V-21A4EE	(Service Manual: No. 56016, May 2000)
V-21A4(BK)	(Service Manual: No. 56017, May 2000)

V-21A4EE are described below:

	AV-21A4EE PART No.	PART NAME	DESCRIPTION
T (Page 28)			
	A51LEC065X	PICTURE TUBE	
	CE20332-00A	DEF YOKE	
	QQH0070-001	H.V. TRANSF.	
	GG10047-003A-H	FRONT CABINET ASSY	
	LC20377-009A-H	RATING LABEL	
RTS LIST (Page 30)			
	SCG-1242A-H2	MAIN PWB ASSY	
	NRSA02J-102X	CH MG R	1kΩ 1/10W J
	NRSA02J-122X	CH MG R	1.2kΩ 1/10W J
	NRSA02J-222X	CH MG R	2.2kΩ 1/10W J
	NRSA02J-221X	CH MG R	220Ω 1/10W J
	NRSA02J-220X	CH MG R	22Ω 1/10W J
	NRSA02J-821X	CH MG R	820Ω 1/10W J
	NCB21HK-103X	CH C CAP.	0.01μF 50V K
	NCB21HK-103X	CH C CAP.	0.01μF 50V K
	NCB21HK-103X	CH C CAP.	0.01μF 50V K
	NCB21HK-104X	CH C CAP.	0.1μF 50V K
	———	MPP CAP.	0.01μF 1.5kVH ±3%
	QFZ0200-962	MPP CAP.	9600pF 1.5kVH ±3%
	———	MPP CAP.	0.22μF 250V J
	QFZ0199-254	MPP CAP.	0.25μF 250V J
	———	MPP CAP.	0.22μF 250V J
	QFZ0199-274	MPP CAP.	0.27μF 250V J
	QQH0070-001	H.V. TRANSF.	
	QQLZ018-540	HEATER CHOKE	
	2SC2412K/QR/-X	CHIP TRANSISTOR	
	SFSH4.5MCB	CERAMIC FILTER	
34)			
	GG10056-015A-H	PACKING CASE	
	LCT0751-001A-H	INST BOOK	
	———	DIGEST MANUAL	
	BT-54012-1	WARRANTY CARD	

The different parts between AV-21AT and AV-21A4(BK) are described below:

⚠	REF. NO.	AV-21AT PART No.	AV-21A4(BK) PART No.	PART NAME	DESCRIPTION
■ EXPLODED VIEW PARTS LIST (Page 28)					
⚠	V01	A51LMV20X	**A51LEC065X**	PICTURE TUBE	
	DY01	CE20336-00A	**CE20332-00A**	DEF YOKE	
⚠	T1522	QQH0069-001	**QQH0070-001**	H.V. TRANSF.	
	1	GG10047-002A-H	**GG10047-005A-H**	FRONT CABINET ASSY	
⚠	15	LC20377-010A-H	**CM22960-074-H**	RATING LABEL	
⚠	18	QMP40D0-200J5 or QMP40D0-200J3	**QMPR010-200-E2 or QMPR010-200-K2** 	POWER CORD	
■ PRINTED WIRING BOARD PARTS LIST (Page 30)					
	—	SCG-1247A-H2	**SCG-1245A-BK**	MAIN PWB ASSY	
	R1161	———	**NRSA02J-102X**	CH MG R	1kΩ 1/10W J
	R1162	———	**NRSA02J-122X**	CH MG R	1.2kΩ 1/10W J
	R1163	———	**NRSA02J-222X**	CH MG R	2.2kΩ 1/10W J
	R1164	———	**NRSA02J-221X**	CH MG R	220Ω 1/10W J
	R1165	———	**NRSA02J-220X**	CH MG R	22Ω 1/10W J
	R1166	———	**NRSA02J-821X**	CH MG R	820Ω 1/10W J
	R1771	NRSA02J-821X	———	CH MG R	820Ω 1/10W J
		———	**NRSA02J-222X**	CH MG R	2.2kΩ 1/10W J
	R1773	———	**NRSA02J-122X**	CH MG R	1.2kΩ 1/10W J
	C1161	———	**NCB21HK-103X**	CH C CAP.	0.01μF 50V K
	C1164	———	**NCB21HK-103X**	CH C CAP.	0.01μF 50V K
	C1165	———	**NCB21HK-103X**	CH C CAP.	0.01μF 50V K
	C1166	———	**NCB21HK-104X**	CH C CAP.	0.1μF 50V K
	C1525	QFZ0200-103	———	MPP CAP.	0.01μF 1.5kVH ±3%
		———	**QFZ0200-962**	MPP CAP.	9600pF 1.5kVH ±3%
	C1527	QFZ0199-224	———	MPP CAP.	0.22μF 250V J
		———	**QFZ0199-254**	MPP CAP.	0.25μF 250V J
	C1582	QFZ0199-224	———	MPP CAP.	0.22μF 250V J
		———	**QFZ0199-274**	MPP CAP.	0.27μF 250V J
⚠	T1522	QQH0069-001	**QQH0070-001**	H.V. TRANSF.	
	L1551	QQLZ018-430	**QQLZ018-540**	HEATER CHOKE	
	D1705	L-132XND-T16	———	LED (ORG)	
		———	**SLR-342MG-T16**	LED (GRE)	
■ PRINTED WIRING BOARD PARTS LIST-Continued (Page 30)					
	Q1161	———	**2SC2412K/QR/-X**	CHIP TRANSISTOR	
	Q1710	———	**DTC124EKA-X**	DIGI TRANSISTOR	
	IC1701	MN1873287JA	**MN1873287JC**	IC (MICROCOMPUTER)	
	IC1702	AT24C08-21FTR	**AT24C08-21F4BK**	IC (MEMORY)	(Service)
	CF1161	———	**SFE5.74MC2**	C TRAP	
	CF1162	———	**SFE5.74MC2**	C TRAP	
	TU1001	QAU0185-001	**QAU0186-001**	TUNER	
■ PACKING PARTS LIST (Page 34)					
	1	GG10056-017A-H	**CP11434-063-H**	PACKING CASE	
	5	RM-C364-1H	**RM-C368-1H**	REMOCON UNIT	
⚠	7	LCT0748-001A-H	**LCT0730-001A-H**	INST BOOK	
⚠	8	LCT0749-001A-H	———	DIGEST MANUAL	
	—	———	**ATEAB001-00A**	MATCHING BOX	

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R1002	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1003	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1004	NRSA02J-563X	CH MG R	56kΩ 1/10W J
	R1102	NRSA02J-750X	CH MG R	75Ω 1/10W J
	R1103	NRSA02J-100X	CH MG R	10Ω 1/10W J
	R1109	NRSA02J-682X	CH MG R	6.8kΩ 1/10W J
	R1110	NRSA02J-272X	CH MG R	2.7kΩ 1/10W J
	R1111	NRSA02J-181X	CH MG R	180Ω 1/10W J
	R1112	NRSA02J-100X	CH MG R	10Ω 1/10W J
	R1113	NRSA02J-101X	CH MG R	100Ω 1/10W J
	R1114	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1115	NRSA02J-222X	CH MG R	2.2kΩ 1/10W J
	R1117	NRSA02J-0ROX	CH MG R	0.0Ω 1/10W J
	R1118	NRSA02J-222X	CH MG R	2.2kΩ 1/10W J
	R1120	NRSA02J-391X	CH MG R	390Ω 1/10W J
	R1121	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1159	NRSA02J-184X	CH MG R	180kΩ 1/10W J
	R1301	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1302	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1303	NRSA02J-101X	CH MG R	100Ω 1/10W J
	R1304	NRSA02J-101X	CH MG R	100Ω 1/10W J
	R1305	NRSA02J-101X	CH MG R	100Ω 1/10W J
	R1306	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1307	NRSA02J-122X	CH MG R	1.2kΩ 1/10W J
	R1308	NRSA02J-182X	CH MG R	1.8kΩ 1/10W J
	R1312	NRSA02J-0ROX	CH MG R	0.0Ω 1/10W J
	R1313	NRSA02J-102X	CH MG R	1kΩ 1/10W J
	R1314	NRSA02J-102X	CH MG R	1kΩ 1/10W J
	R1321	NRSA02J-152X	CH MG R	1.5kΩ 1/10W J
	R1322	NRSA02J-272X	CH MG R	2.7kΩ 1/10W J
	R1323	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1324	NRSA02J-102X	CH MG R	1kΩ 1/10W J
	R1326	NRSA02J-101X	CH MG R	100Ω 1/10W J
	R1327	NRSA02J-475X	CH MG R	4.7MΩ 1/10W J
	R1341	NRSA02J-332X	CH MG R	3.3kΩ 1/10W J
	R1347	NRSA02J-392X	CH MG R	3.9kΩ 1/10W J
	R1349	NRSA02J-123X	CH MG R	12kΩ 1/10W J
	R1351	NRSA02J-151X	CH MG R	150Ω 1/10W J
	R1352	NRSA02J-151X	CH MG R	150Ω 1/10W J
	R1353	NRSA02J-151X	CH MG R	150Ω 1/10W J
	R1354	NRSA02J-331X	CH MG R	330Ω 1/10W J
	R1355	NRSA02J-331X	CH MG R	330Ω 1/10W J
	R1356	NRSA02J-331X	CH MG R	330Ω 1/10W J
	R1357	NRSA02J-101X	CH MG R	100Ω 1/10W J
	R1358	NRSA02J-101X	CH MG R	100Ω 1/10W J
	R1359	NRSA02J-101X	CH 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-182X	CH MG R	1.8kΩ 1/10W J
	R1367	NRSA02J-182X	CH MG R	1.8kΩ 1/10W J
	R1368	NRSA02J-182X	CH MG R	1.8kΩ 1/10W J
	R1369	QRE121J-394Y	C R	390KΩ 1/2W J
	R1372	NRSA02J-0ROX	CH MG R	0.0Ω 1/10W J
	R1374	NRSA02J-392X	CH MG R	3.9kΩ 1/10W J
	R1401	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1421	NRSA02J-122X	CH MG R	1.2kΩ 1/10W J
	R1422	NRSA02J-122X	CH MG R	1.2kΩ 1/10W J
	R1423	NRSA02J-331X	CH MG R	330Ω 1/10W J
	R1424	NRSA02J-101X	CH MG R	100Ω 1/10W J
	R1425	NRSA02J-471X	CH MG R	470Ω 1/10W J
	R1426	NRSA02J-0ROX	CH MG R	0.0Ω 1/10W J
	R1429	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1430	NRSA02J-823X	CH MG R	82kΩ 1/10W J
	R1431	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1432	QRE121J-2R7Y	C R	2.7Ω 1/2W J
	R1433	QRE121J-2R7Y	C R	2.7Ω 1/2W J
	R1436	NRSA02J-823X	CH MG R	82kΩ 1/10W J
	R1440	QRE121J-471Y	C R	470Ω 1/2W J
	R1441	NRSA02J-822X	CH MG R	8.2kΩ 1/10W J

	RESISTOR			
	R1442	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1443	QRE121J-1R0Y	C R	1.0kΩ 1/2W J
	R1453	NRSA02J-272X	CH MG R	2.7kΩ 1/10W J
	R1501	QRE121J-221Y	C R	220Ω 1/2W J
	R1502	NRSA02J-0ROX	CH MG R	0.0Ω 1/10W J
	R1503	NRSA02J-682X	CH MG R	6.8kΩ 1/10W J
	R1521	NRSA02J-681X	CH MG R	680Ω 1/10W J
	R1522	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1524	QRL02EJ-820X	OM R	82Ω 2W J
	R1525	QRL02EJ-820X	OM R	82Ω 2W J
	R1526	QRE121J-270Y	C R	27Ω 1/2W J
	R1530	QRE121J-223Y	C R	22kΩ 1/2W J
	R1531	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1533	NRSA02J-332X	CH MG R	3.3kΩ 1/10W J
	R1534	NRSA02J-332X	CH MG R	3.3kΩ 1/10W 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	680Ω 1/2W J
	R1571	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R1573	QRT02EJ-1R5X	OM R	1.5Ω 2W J
	R1574	QRT02EJ-1R5X	OM R	1.5Ω 2W J
	R1576	QRE121J-223Y	C R	22kΩ 1/2W J
	R1577	NRSA02J-392X	CH MG R	3.9kΩ 1/10W J
	R1578	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1581	QRE121J-182Y	C R	1.8kΩ 1/2W J
	R1582	NRSA02J-223X	CH MG R	22kΩ 1/10W J
	R1583	NRSA02J-393X	CH MG R	39kΩ 1/10W J
	R1651	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1652	NRSA02J-821X	CH MG R	820Ω 1/10W J
	R1653	QRE121J-1R0Y	C R	1.0kΩ 1/2W J
	R1654	QRX029J-4R7	OM R	4.7Ω 2W J
	R1656	NRSA02J-123X	CH MG R	12kΩ 1/10W J
	R1657	NRSA02J-391X	CH MG R	390Ω 1/10W J
	R1658	NRSA02J-102X	CH MG R	1kΩ 1/10W J
	R1659	NRSA02J-102X	CH MG R	1kΩ 1/10W J
	R1660	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1661	QRE121J-271Y	C R	270Ω 1/2W J
	R1662	QRE121J-271Y	C R	270Ω 1/2W J
	R1664	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1665	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1701	NRSA02J-562X	CH MG R	5.6kΩ 1/10W J
	R1702	NRSA02J-682X	CH MG R	6.8kΩ 1/10W J
	R1703	NRSA02J-392X	CH MG R	3.9kΩ 1/10W J
	R1704	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1705	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1706	NRSA02J-561X	CH MG R	560Ω 1/10W J
	R1707	NRSA02J-561X	CH MG R	560Ω 1/10W J
	R1708	NRSA02J-102X	CH MG R	1kΩ 1/10W J
	R1709	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1710	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1711	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1712	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1713	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1714	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1715	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1716	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1718	NRSA02J-561X	CH MG R	560Ω 1/10W J
	R1719	NRSA02J-102X	CH MG R	1kΩ 1/10W J
	R1720	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1721	NRSA02J-103X	CH MG R	10kΩ 1/10W J
⚠	R1723	QRZ9023-270	F R	27Ω 2W J
	R1725	NRSA02J-102X	CH MG R	1kΩ 1/10W J
	R1726	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1727	NRSA02J-153X	CH MG R	15kΩ 1/10W J
	R1728	NRSA02J-102X	CH MG R	1kΩ 1/10W J
	R1729	NRSA02J-102X	CH MG R	1kΩ 1/10W J
	R1730	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1731	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1736	NRSA02J-823X	CH MG R	82kΩ 1/10W J
	R1737	NRSA02J-104X	CH MG R	100kΩ 1/10W J
	R1738	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1739	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1740	NRSA02J-392X	CH MG R	3.9kΩ 1/10W J
	R1741	NRSA02J-561X	CH MG R	560Ω 1/10W J
	R1742	NRSA02J-563X	CH MG R	56kΩ 1/10W J
	R1746	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1747	NRSA02J-0ROX	CH MG R	0.0Ω 1/10W J
	R1748	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1749	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1771	NRSA02J-821X	CH MG R	820Ω 1/10W J
	R1772	NRSA02J-821X	CH MG R	820Ω 1/10W J
	R1791	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1792	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1793	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1794	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1795	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1796	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1797	NRSA02J-153X	CH MG R	15kΩ 1/10W J
	R1802	NRSA02J-750X	CH MG R	75Ω 1/10W J
	R1806	QRE121J-271Y	C R	270Ω 1/2W J
	R1807	NRSA02J-680X	CH MG R	68Ω 1/10W J
	R1810	QRG016J-560	OM R	56Ω 1W J
	R1811	NRSA02J-221X	CH MG R	220Ω 1/10W J
	R1815	QRE121J-181Y	C R	180Ω 1/2W J
	R1816	NRSA02J-681X	CH MG R	680Ω 1/10W J
	R1817	NRSA02J-472X	CH MG R	4.7kΩ 1/10W J
	R1901	QRF104K-3R9	UNF R	3.9Ω 10W K
	R1903	QRL02EJ-683X	OM R	68kΩ 2W J
	R1921	QRE121J-681Y	C R	680Ω 1/2W J
	R1922	QRT029J-1R2	MF R	1.2Ω 2W J
	R1923	QRM059J-R22	MF R	0.22Ω 5W J
	R1926	NRSA02J-222X	CH MG R	2.2kΩ 1/10W J
	R1928	QRL03EJ-563X	OM R	56kΩ 3W J
	R1929	QRE121J-822Y	C R	8.2kΩ 1/2W J
	R1932	QRE121J-564Y	C R	560KΩ 1/2W J
	R1933	QRE121J-180Y	C R	18Ω 1/2W J
	R1934	NRSA02J-333X	CH MG R	33kΩ 1/10W J
	R1936	QRG01GJ-561	OM R	560Ω 1W J
	R1941	QRE121J-821Y	C R	820Ω 1/2W J
	R1942	NRSA02J-122X	CH MG R	1.2kΩ 1/10W J
	R1943	NRSA02J-473X	CH MG R	47kΩ 1/10W J
	R1944	NRSA02J-103X	CH MG R	10kΩ 1/10W J
	R1974	NRSA02J-222X	CH MG R	2.2kΩ 1/10W J
	R1976	NRSA02J-102X	CH MG R	1kΩ 1/10W J
	R1977	QRE121J-122Y	C R	1.2kΩ 1/2W J
	R1978	NRSA02J-473X	CH MG R	47kΩ 1/10W J
	R1979	QRT02EJ-2R7X	OM R	2.7Ω 2W J
	R1980	QRL02EJ-103X	OM R	10kΩ 2W J
⚠	R1991	QRZ0057-825	C R	8.2MΩ 1W J

CAPACIT

C1001	QETN1HM-	
C1002	NCB21HK-	
C1004	QETN1CM-	
C1005	QFV71HJ-	
C1008	QETN1HM-	
C1103	QETN1EM-	
C1104	NCB21HK-	
C1105	NCB21HK-	
C1106	NCB21HK-	
C1107	NCB21HK-	
C1109	NCB21HK-	
C1110	NRSA02J-	
C1112	QETN1EM-	
C1113	NCB21HK-	
C1115	NCB21HK-	
C1116	NCB21HK-	
C1117	QFV71HJ-	
C1119	QETN1HM-	
C1120	NDC21HJ-	
C1121	NCB21HK-	
C1122	NCB21HK-	
C1162	NDC21HJ-	
C1301	NCB21HK-	
C1302	QETN1HM-	
C1303	NDC21HJ-	
C1304	QFV71HJ-	

CAPACIT

C1305	QETN1HM-	
C1306	NCB21HK-	
C1307	QETN1CM-	
C1308	QETN1CM-	
C1309	NCB21HK-	
C1310	NDC21HJ-	
C1311	NCB21HK-	
C1312	QENC1HM-	
C1313	QETN1HM-	
C1314	NCB21HK-	
C1315	QETN1CM-	
C1316	QETN1HM-	
C1317	NCB21HK-	
C1321	NDC21HJ-	
C1322	NCB21HK-	
C1323	QETN1HM-	
C1324	QETN1HM-	
C1325	QENC1HM-	
C1326	NCS21HJ-	
C1341	QETN1HM-	
C1352	QFZ0097	
C1354	NDC21HJ-	
C1355	NDC21HJ-	
C1356	NDC21HJ-	
C1357	QETN1AM-	
C1365	QENC1HM-	
C1366	QENC1HM-	
C1367	QENC1HM-	
C1401	QFV71HJ-	
C1402	QFV71HJ-	
C1422	QETN1HM-	
C1423	QCS32HJ-	
C1424	QFLC2AJ-	
C1426	QFLC1HJ-	
C1427	QETN1VM-	
C1428	QEHR1VM-	
C1429	QETN1HM-	
C1430	QFN32AJ-	
C1433	QEHR1HM-	
C1435	QETM1EM-	
C1436	QFV71HJ-	
C1501	QETN1AM-	
C1502	NCB21HK-	
C1503	QETN1HM-	
C1523	QTMN1VM-	
C1525	QFZ0200	
C1526	QTMN1EM-	
C1527	QFZ0199-	
C1528	QETN2EM-	
C1531	QEZ0203-	
C1552	QETM1VM-	
C1554	QETN2EM-	
C1555	QFLC2AJ-	
C1571	QETN1AM-	
C1572	QETN1EM-	
C1581	QFV71HJ-	
C1582	QFZ0199-	
C1651	QTNC1HM-	
C1652	QEHR1HM-	
C1653	QETN1HM-	
C1654	NCB21HK-	
C1655	QEHQ1VM-	
C1656	QEHR1EM-	
C1658	QETN1HM-	
C1659	QETN1CM-	
C1663	QEHR1HM-	
C1664	NCB21HK-	
C1665	QEHR1HM-	
C1701	QETN1HM-	
C1705	QETN1CM-	
C1706	NCB21EK-	
C1707	NCB21HK-	
C1708	QETN1EM-	
C1709	NCB21HK-	
C1710	QETN1CM-	
C1711	NCB21HK-	

Ω 1/10W J
Ω 1/2W J
Ω 1/10W J
Ω 1/2W J
Ω 1/10W J
Ω 1/10W J
Ω 1/10W J
Ω 1/10W J

Ω 2W J
Ω 2W J
Ω 1/2W J
Ω 1/2W J
Ω 1/10W J
Ω 1/2W J
Ω 1/10W J
Ω 1/10W J

Ω 1/4W J
Ω 1/2W J
Ω 1/2W J
Ω 2W J
Ω 2W J
Ω 1/2W J
Ω 1/10W J
Ω 1/10W J

Ω 1/2W J
Ω 1/10W J
Ω 1/10W J
Ω 1/10W J
Ω 1/2W J
Ω 2W J
Ω 1/10W J

Ω 1/10W J
Ω 1/10W J
Ω 1/10W J
Ω 1/10W J
Ω 1/10W J
Ω 1/2W J
Ω 1/10W J
Ω 1/10W J

kΩ 1/10W J
kΩ 1/10W J
kΩ 1/10W J
0Ω 1/10W J
0Ω 1/10W J
0Ω 1/10W J
kΩ 1/10W J

7kΩ 1/10W J
7kΩ 1/10W J
7kΩ 1/10W J
7kΩ 1/10W J
7kΩ 1/10W J
7kΩ 1/10W J
0Ω 1/10W J
0Ω 1/10W J

0Ω 1/10W J
1kΩ 1/10W J
7kΩ 1/10W J
0kΩ 1/10W J
27Ω 2W J
1kΩ 1/10W J
7kΩ 1/10W J
5kΩ 1/10W J

1kΩ 1/10W J
1kΩ 1/10W J
0kΩ 1/10W J
7kΩ 1/10W J
2kΩ 1/10W J
0kΩ 1/10W J
0kΩ 1/10W J
0kΩ 1/10W J

9kΩ 1/10W J

60Ω 1/10W J
6kΩ 1/10W J
0kΩ 1/10W J
.0Ω 1/10W J
0kΩ 1/10W J
.7kΩ 1/10W J
20Ω 1/10W J
20Ω 1/10W J

20Ω 1/10W J
20Ω 1/10W J
20Ω 1/10W J
20Ω 1/10W J
10kΩ 1/10W J
5kΩ 1/10W J
75Ω 1/10W J

270Ω 1/2W J
68Ω 1/10W J
.56Ω 1W J
220Ω 1/10W J
180Ω 1/2W J
680Ω 1/10W J
.7kΩ 1/10W J
3.9Ω 10W K

68kΩ 2W J
680Ω 1/2W J
1.2Ω 2W J
.22Ω 5W J
.2kΩ 1/10W J
.56kΩ 3W J
.2kΩ 1/2W J
60KΩ 1/2W J

18Ω 1/2W J
33kΩ 1/10W J
560Ω 1W J
82Ω 1/2W J
1.2kΩ 1/10W J
47kΩ 1/10W J
10kΩ 1/10W J
2.2kΩ 1/10W J

1kΩ 1/10W J
1.2kΩ 1/2W J
47kΩ 1/10W J
2.7Ω 2W J
10kΩ 2W J
8.2MΩ 1W J

CAPACITOR

C1001	QETN1HM-106Z	E CAP.	10μF	50V	M
C1002	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1004	QETN1CM-227Z	E CAP.	220μF	16V	M
C1005	QFV71HJ-104Z	TF CAP.	0.1μF	50V	J
C1008	QETN1HM-475Z	E CAP.	4.7μF	50V	M
C1103	QETN1EM-476Z	E CAP.	47μF	25V	M
C1104	NCB21HK-472X	CH C CAP.	4700pF	50V	K
C1105	NCB21HK-472X	CH C CAP.	4700pF	50V	K
C1106	NCB21HK-472X	CH C CAP.	4700pF	50V	K
C1107	NCB21HK-472X	CH C CAP.	4700pF	50V	K
C1109	NCB21HK-472X	CH C CAP.	4700pF	50V	K
C1110	NRSA02J-0R0X	CH MG R	0.0Ω	1/10W	J
C1112	QETN1EM-476Z	E CAP.	47μF	25V	M
C1113	NCB21HK-472X	CH C CAP.	4700pF	50V	K
C1115	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1116	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1117	QFV71HJ-224Z	TF CAP.	0.22μF	50V	J
C1119	QETN1HM-474Z	E CAP.	0.47μF	50V	M
C1120	NDC21HJ-121X	CH C CAP.	120pF	50V	J
C1121	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1122	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1162	NDC21HJ-681X	CH C CAP.	680pF	50V	J
C1301	NCB21HK-123X	CH C CAP.	0.012μF	50V	K
C1302	QETN1HM-475Z	E CAP.	4.7μF	50V	M
C1303	NDC21HJ-100X	CH C CAP.	10pF	50V	J
C1304	QFV71HJ-474Z	TF CAP.	0.47μF	50V	J

CAPACITOR

C1305	QETN1HM-474Z	E CAP.	0.47μF	50V	M
C1306	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1307	QETN1CM-477Z	E CAP.	470μF	16V	M
C1308	QETN1CM-107Z	E CAP.	100μF	16V	M
C1309	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1310	NDC21HJ-221X	CH C CAP.	220pF	50V	J
C1311	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1312	QENC1HM-474Z	BP E CAP.	0.47μF	50V	M
C1313	QETN1HM-335Z	E CAP.	3.3μF	50V	M
C1314	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1315	QETN1CM-107Z	E CAP.	100μF	16V	M
C1316	QETN1HM-106Z	E CAP.	10μF	50V	M
C1317	NCB21HK-473X	CH C CAP.	0.047μF	50V	K
C1321	NDC21HJ-120X	CH C CAP.	12pF	50V	J
C1322	NCB21HK-273X	CH C CAP.	0.027μF	50V	K
C1323	QETN1HM-474Z	E CAP.	0.47μF	50V	M
C1324	QETN1HM-106Z	E CAP.	10μF	50V	M
C1325	QENC1HM-106Z	BP E CAP.	10μF	50V	M
C1326	NCS21HJ-221X	CH C CAP.	220pF	50V	J
C1341	QETN1HM-106Z	E CAP.	10μF	50V	M
C1352	QFZ0097-103	MM CAP.	0.01μF	1250V	K
C1354	NDC21HJ-271X	CH C CAP.	270pF	50V	J
C1355	NDC21HJ-221X	CH C CAP.	220pF	50V	J
C1356	NDC21HJ-331X	CH C CAP.	330pF	50V	J
C1357	QETN1AM-477Z	E CAP.	470μF	10V	M
C1365	QENC1HM-105Z	BP E CAP.	1μF	50V	M
C1366	QENC1HM-105Z	BP E CAP.	1μF	50V	M
C1367	QENC1HM-105Z	BP E CAP.	1μF	50V	M
C1401	QFV71HJ-474Z	TF CAP.	0.47μF	50V	J
C1402	QFV71HJ-104Z	TF CAP.	0.1μF	50V	J
C1422	QETN1HM-105Z	E CAP.	1μF	50V	M
C1423	QCS32HJ-100Z	C CAP.	10pF	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	QEHR1VM-107Z	E CAP.	100μF	35V	M
C1429	QETN1HM-106Z	E CAP.	10μF	50V	M
C1430	QFN32AJ-472Z	M CAP.	4700pF	100V	J
C1433	QEHR1HM-475Z	E CAP.	4.7μF	50V	M
C1435	QETM1EM-228	E CAP.	2200μF	25V	M
C1436	QFV71HJ-334Z	TF CAP.	0.33μF	50V	J
C1501	QETN1AM-227Z	E CAP.	220μF	10V	M
C1502	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1503	QETN1HM-106Z	E CAP.	10μF	50V	M
C1523	QTMN1VM-476Z	E CAP.	47μF	35V	M
C1525	QFZ0200-103	MPP CAP.	0.01μF	1.5kVH	±3%
C1526	QTMN1EM-337Z	E CAP.	330μF	25V	M
C1527	QFZ0199-334	MPP CAP.	0.33μF	250V	J
C1528	QETN2EM-475Z	E CAP.	4.7μF	250V	M
C1531	QEZ0203-107	E CAP.	100μF	160V	M
C1552	QETM1VM-108	E CAP.	1000μF	35V	M
C1554	QETN2EM-475Z	E CAP.	4.7μF	250V	M
C1555	QFLC2AJ-104Z	M CAP.	0.1μF	100V	J
C1571	QETN1AM-107Z	E CAP.	100μF	10V	M
C1572	QETN1EM-476Z	E CAP.	47μF	25V	M
C1581	QFV71HJ-104Z	TF CAP.	0.1μF	50V	J
C1582	QFZ0199-104	MPP CAP.	0.1μF	250V	J
C1651	QTNC1HM-105Z	BP E CAP.	1μF	50V	M
C1652	QEHR1HM-106Z	E CAP.	10μF	50V	M
C1653	QETN1HM-474Z	E CAP.	0.47μF	50V	M
C1654	NCB21HK-104X	CH C CAP.	0.1μF	50V	K
C1655	QEHQ1VM-228	E CAP.	2200μF	35V	M
C1656	QEHR1EM-477Z	E CAP.	470μF	25V	M
C1658	QETN1HM-226Z	E CAP.	22μF	50V	M
C1659	QETN1CM-107Z	E CAP.	100μF	16V	M
C1663	QEHR1HM-106Z	E CAP.	10μF	50V	M
C1664	NCB21HK-104X	CH C CAP.	0.1μF	50V	K
C1665	QEHR1HM-105Z	E CAP.	1μF	50V	M
C1701	QETN1HM-106Z	E CAP.	10μF	50V	M
C1705	QETN1CM-477Z	E CAP.	470μF	16V	M
C1706	NCB21EK-104X	CH C CAP.	0.1μF	25V	K
C1707	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1708	QETN1EM-476Z	E CAP.	47μF	25V	M
C1709	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1710	QETN1CM-107Z	E CAP.	100μF	16V	M
C1711	NCB21HK-103X	CH C CAP.	0.01μF	50V	K

TRANSISTOR

Q1572	2SC2412K/QR/-X	CHIP TRANSISTOR
Q1651	2SA1037AK/QR/-X	SI TRANSISTOR
Q1652	DTC323TK-X	DIGI TRANSISTOR
Q1654	2SC2412K/QR/-X	CHIP TRANSISTOR
Q1655	2SC2412K/QR/-X	CHIP TRANSISTOR
Q1702	2SC2412K/QR/-X	CHIP TRANSISTOR
Q1703	2SC2412K/QR/-X	CHIP TRANSISTOR
Q1708	DTC124EKA-X	DIGI TRANSISTOR
Q1709	2SA1037AK/QR/-X	SI TRANSISTOR
Q1803	2SC1815/YG/-T	SI TRANSISTOR
Q1804	2SC2412K/QR/-X	CHIP TRANSISTOR
Q1941	2SC2412K/QR/-X	CHIP TRANSISTOR
Q1943	DTC114EKA-X	CHIP TRANSISTOR
Q1974	2SA966/OY/-T	SI TRANSISTOR
Q1975	DTC124EKA-X	DIGI TRANSISTOR

IC

IC1301	NN5198K	IC	
IC1421	AN5539-LF	IC	
IC1651	LA4287	IC	
IC1652	SI-5001X-X	IC	
IC1701	MN1873287JA	IC (MICROCOMPUTER)	
IC1702	AT24C08-21FTR	IC (MEMORY)	(Service)
IC1703	L78LR05E-MA	IC (5V REG/RESET)	
IC1704	PIC-28143SY	IR DETECT UNIT	
IC1921	STR-G6653	IC (5W REG)	
IC1941	SE115N-LF12	IC	
IC1971	BA51W12ST-V5	IC (5V/9V REG)	

OTHERS

	CM35921-005-H	CDS HOLDER		
	LC30114-001C-H	LED HOLDER		
△ CP1981	ICP-N75-Y	IC PROTECTOR		
△ CP1982	ICP-N75-Y	IC PROTECTOR		
△ F1901	QMFS1E2-3R15J4	FUSE	3.15A	
FC1901	CEMG002-001Z	FUSE CLIP (x2)		
J1002	CEMN075-001	PIN JACK		
J1003	QNN0281-003	PIN JACK		
J1004	QNN0281-002	PIN JACK		
J1005	QNS0165-001	3.5 JACK		
K1001	QQR0621-002Z	BEADS CORE		
K1351	QQR0621-002Z	BEADS CORE		
K1421	QQR0582-001Z	BEADS CORE		
K1921	QQR1113-001Z	FERRITE BEADS		
K1922	QQR1113-001Z	FERRITE BEADS		
K1923	QQR1114-001Z	FERRITE BEADS		
K1924	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	CDS		
△ PC1921	PC123F2	PHOTO COUPLER		
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	
SF1102	QAX0594-001	SAW FILTER		
SF1122	QAX0325-001	SAW FILTER		
△ SK1351	CE42446-001	CRT SOCKET		
TH1901	QAD0119-9R0	P THERMISTOR		
TU1001	QAU0185-001	TUNER		
△ VA1901	ERZV10V621CS	VARISTOR		
X1301	QAX0500-001Z	CRYSTAL		
X1302	CE42690-001Z	CRYSTAL		
X1701	FCR12.0M2S	C RESONATOR		

CAPACITOR

C1712	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1713	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1714	NDC21HJ-330X	CH C CAP.	33pF	50V	J
C1715	NDC21HJ-330X	CH C CAP.	33pF	50V	J
C1716	NDC21HJ-181X	CH C CAP.	180pF	50V	J
C1717	NDC21HJ-181X	CH C CAP.	180pF	50V	J
C1718	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1719	QETN1HM-105Z	E CAP.	1μF	50V	M
C1720	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1721	NCB21HK-333X	CH C CAP.	0.033μF	50V	K
C1722	NDC21HJ-101X	CH C CAP.	100pF	50V	J
C1724	NDC21HJ-560X	CH C CAP.	56pF	50V	J
C1728	NDC21HJ-181X	CH C CAP.	180pF	50V	J
C1729	NDC21HJ-181X	CH C CAP.	180pF	50V	J
C1730	NCB21HK-103X	CH C CAP.	0.01μF	50V	K
C1738	QETN1HM-226Z	E CAP.	22μF	50V	M
C1744	NCB21HK-103X	CH 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
C1841	NCB21HK-152X	CH C CAP.	1500pF	50V	J
△ C1901	QFZ9040-104	MF CAP.	0.1μF	AC275V	M
C1904	QCZ9078-222	C CAP.	2200pF	AC250V	M
C1905	QCZ9078-222	C CAP.	2200pF	AC250V	M
C1907	QCZ9078-222	C CAP.	2200pF	AC250V	M
C1909	QEZ0199-127	E CAP.	120μF	400V	M
△ C1910	QFZ9040-473	MF CAP.	0.047μF	AC275V	M
C1922	QFLC1HJ-471Z	M CAP.	470pF	50V	J
C1924	QETN1VM-107Z	E CAP.	100μF	35V	M
C1926	QFLC1HJ-332Z	M CAP.	3300pF	50V	J
C1928	NCB21HK-473X	CH C CAP.	0.047μF	50V	K
C1929	QFP32GJ-223Z	PP CAP.	0.022μF	400V	J
C1930	QCZ0325-561	C CAP.	560pF	2kV	K
C1931	QCZ0325-151	C CAP.	150pF	2kV	K
C1932	QCZ0325-151	C CAP.	150pF	2kV	K
C1941	QCZ0122-561	C CAP.	560pF	2kV	K
C1942	QEZ0420-107	E CAP.	100μF	160V	M
C1945	QEHR1CM-108Z	E CAP.	1000μF	16V	M
C1946	QEHR1CM-477Z	E CAP.	470μF	16V	M
C1948	QEHR1VM-108Z	E CAP.	1000μF	35V	M
C1949	NDC21HJ-471X	CH C CAP.	470pF	50V	J
C1950	NCB21HK-104X	CH C CAP.	0.1μF	50V	K
C1971	QETN1HM-475Z	E CAP.	4.7μF	50V	M
C1976	QETN1HM-105Z	E CAP.	1μF	50V	M
C1977	QETN1CM-477Z	E CAP.	470μF	16V	M
C1978	QETN1CM-227Z	E CAP.	220μF	16V	M
C1979	QETN1CM-107Z	E CAP.	100μF	16V	M
△ C1991	QCZ9079-471	C CAP.	470pF	AC250V	K
△ C1992	QCZ9079-471	C CAP.	470pF	AC250V	K
△ C1993	QCZ9079-102	C CAP.	1000pF	AC250V	K

TRANSFORMER

△ T1522	QQH0069-001	H.V. TRANSF.	
△ T1921	QQS0050-001	SW TRANSF.	

COIL

L1001	QQL244K-8R2Z	COIL	8.2μH	K
L1101	QQLZ014-2R2	COIL	2.2μH	
L1103	QQL244K-8R2Z	COIL	8.2μH	K
L1351	QQL244K-470Z	COIL	47μH	K
L1352	QQL244K-470Z	COIL	47μH	K
L1353	QQL244K-470Z	COIL	47μH	K
L1523	QQL342J-2R2Z	INDUCTOR		
L1551	QQLZ018-380	HEATER CHOKE		
L1701	QQL244J-5R6Z	COIL		
L1941	QQL26AK-820Z	CHOKE COIL		
L1942	QQL26AK-820Z	CHOKE COIL		
L1943	QQL26AK-820Z	CHOKE COIL		

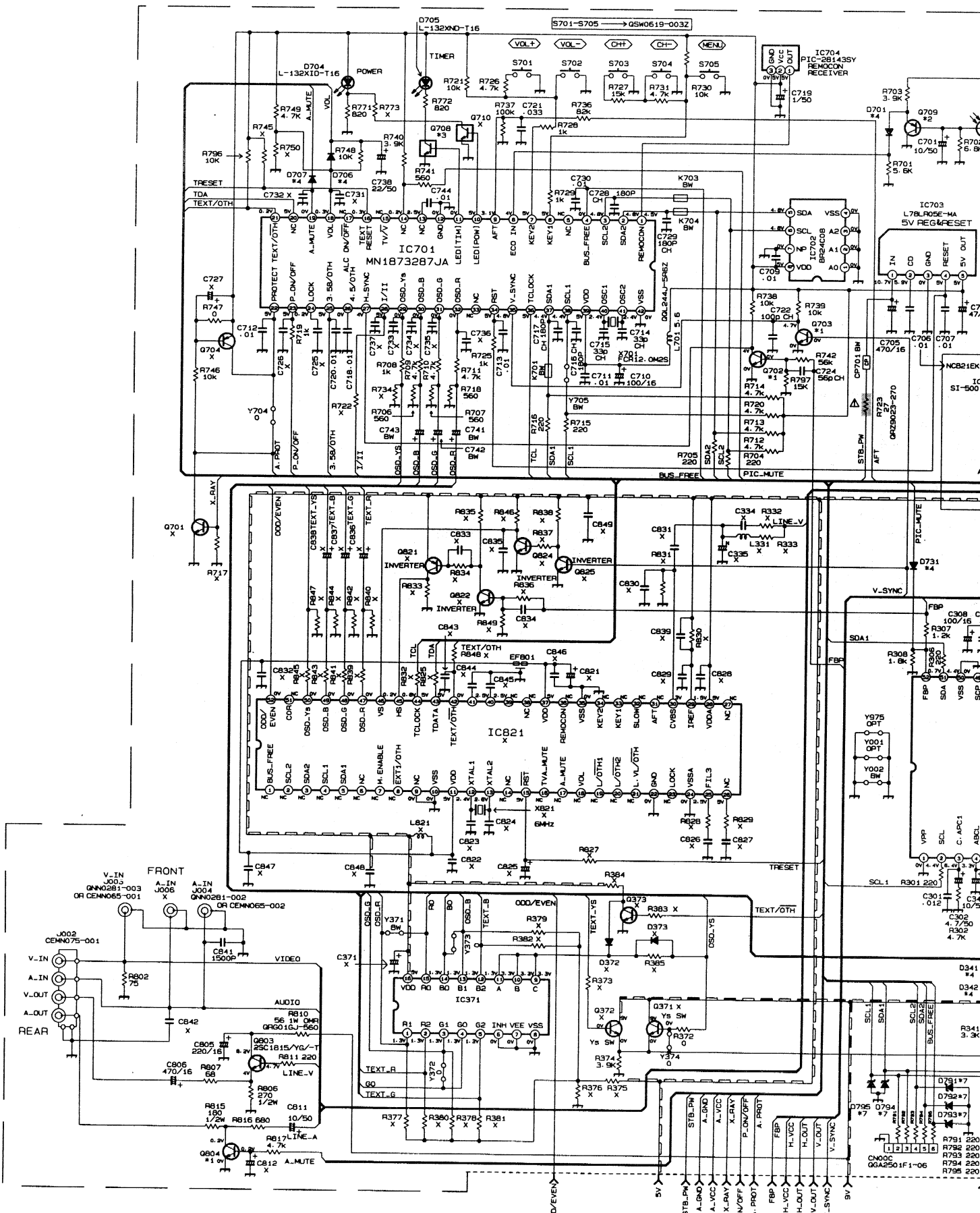
DIODE

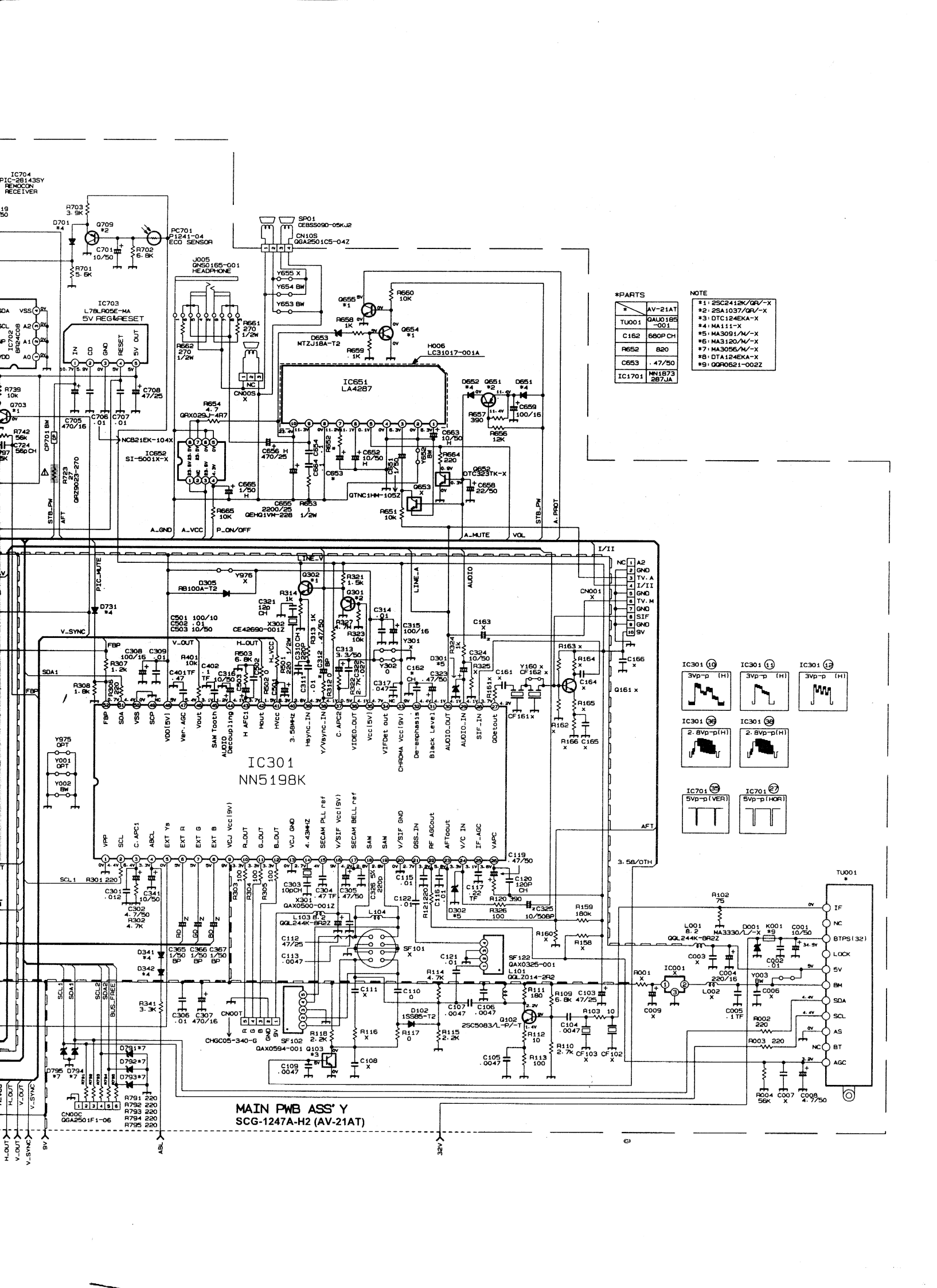
D1001	MA3330/L/-X	CHIP ZENER DIODE
D1102	1SS85-T2	SI DIODE
D1301	MA3091/M/-X	CHIP ZENER DIODE
D1302	MA3091/M/-X	CHIP ZENER DIODE
D1305	RB100A-T2	SI DIODE
D1341	MA111-X	CHIP DIODE
D1342	MA111-X	CHIP DIODE
D1351	MA3056/L/-X	CHIP ZENER DIODE
D1352	MA3056/L/-X	CHIP ZENER DIODE
D1353	MA3056/L/-X	CHIP ZENER DIODE
D1354	MA111-X	CHIP DIODE
D1355	MA111-X	CHIP DIODE
D1356	MA111-X	CHIP DIODE
D1421	MA3360/M/-X	CHIP ZENER DIODE
D1422	MA3360/M/-X	CHIP ZENER DIODE
D1423	1SR124-400A-T2	SI DIODE
D1424	MA111-X	CHIP DIODE
D1425	MA111-X	CHIP DIODE
D1427	MA3270/H/-X	CHIP ZENER DIODE
D1551	RGP10J-TS-T3	SI DIODE
D1552	RH1S-T3	SI DIODE
D1553	MA3091/M/-X	CHIP ZENER DIODE
D1554	MA111-X	CHIP DIODE
D1555	1SR124-400A-T2	SI DIODE
D1571	MA3075/M/-X	CHIP ZENER DIODE
D1581	MA3200/M/-X	CHIP ZENER DIODE
D1582	RGP10J-TS-T3	SI DIODE
D1651	MA111-X	CHIP DIODE
D1652	MA111-X	CHIP DIODE
D1653	MTZJ18A-T2	ZENER DIODE
D1701	MA111-X	CHIP DIODE
D1704	L-132XID-T16	LED (RED)
D1705	L-132XND-T16	LED (ORG)
D1706	MA111-X	CHIP DIODE
D1707	MA111-X	CHIP DIODE
D1731	MA111-X	CHIP DIODE
D1791	MA3056/M/-X	CHIP ZENER DIODE
D1792	MA3056/M/-X	CHIP ZENER DIODE
D1793	MA3056/M/-X	CHIP ZENER DIODE
D1794	MA3056/M/-X	CHIP ZENER DIODE
D1795	MA3056/M/-X	CHIP ZENER DIODE
D1901	G2SBA60	BRIDGE DIODE
D1921	RGP10J-TS-T3	SI DIODE
D1922	MA111-X	CHIP DIODE
D1923	MA111-X	CHIP DIODE
D1924	MA111-X	CHIP DIODE
D1926	MA3056/M/-X	CHIP ZENER DIODE
D1927	MA3068/M/-X	CHIP ZENER DIODE
D1929	RD12E/B2/-T5	ZENER DIODE
D1930	EG1A-T3	SI DIODE
D1932	MA111-X	CHIP DIODE
D1933	RD27E/B2/-T5	ZENER DIODE
D1941	RU3AM-LFC4	SI DIODE
D1942	RU3YX-LFC4	SI DIODE
D1943	RGP10J-TS-T3	SI DIODE
D1945	MA3075/H/-X	CHIP ZENER DIODE
D1982	MA111-X	CHIP DIODE
D1983	MA111-X	CHIP DIODE

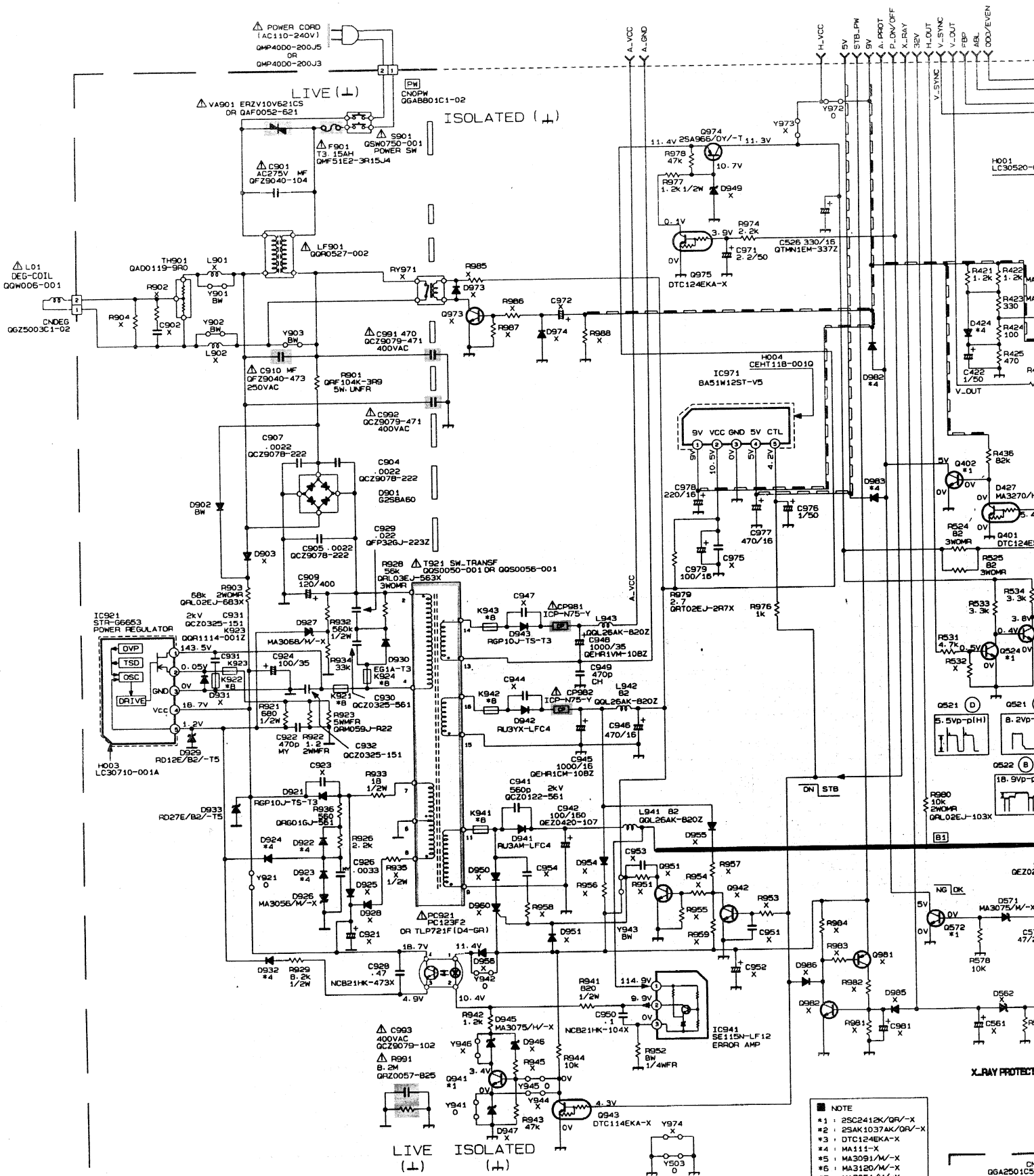
TRANSISTOR

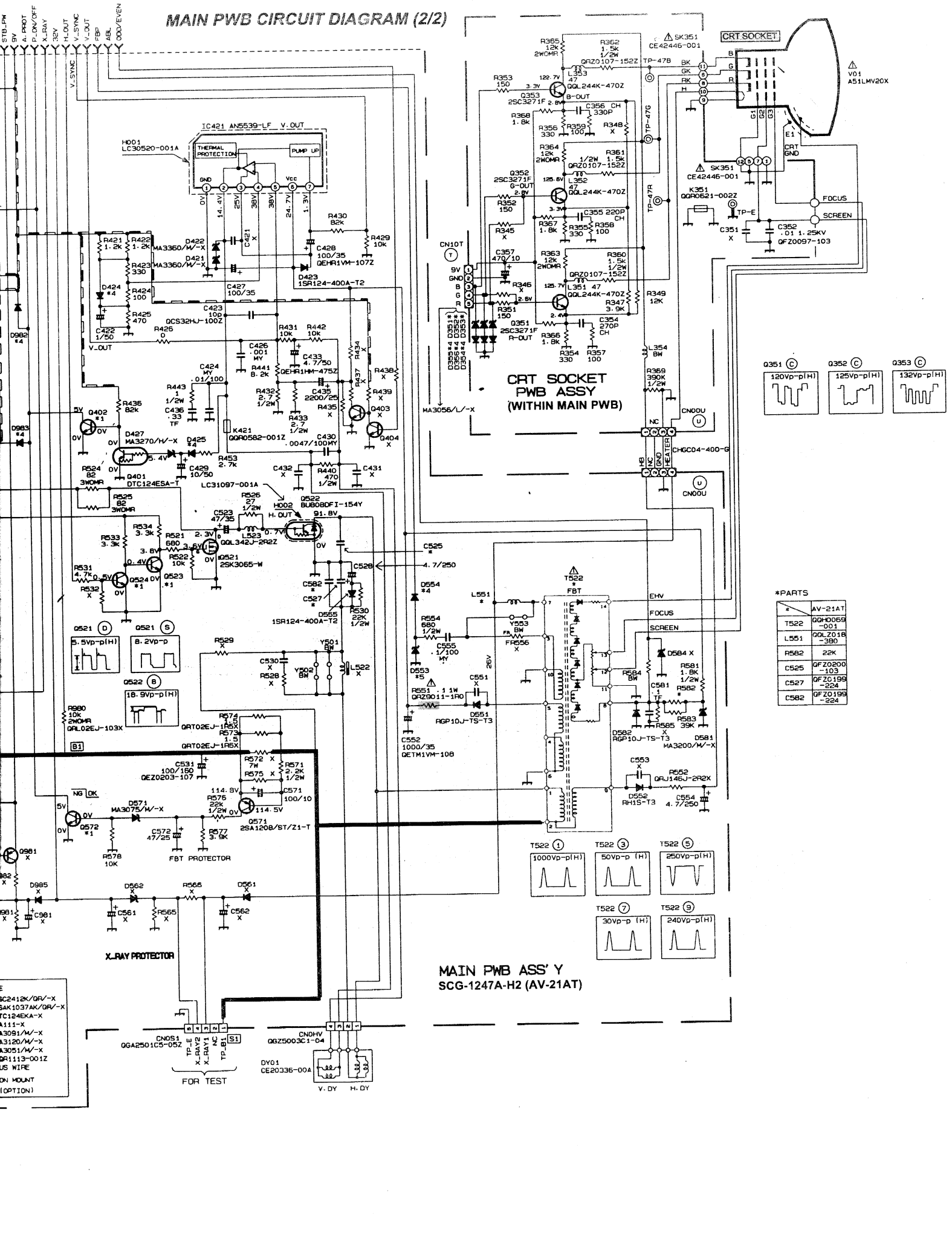
Q1102	2SC5083/L-P/-T	SI TRANSISTOR	
Q1103	DTC124EKA-X	DIGI TRANSISTOR	
Q1301	2SA1037AK/QR/-X	SI TRANSISTOR	
Q1302	2SC2412K/QR/-X	CHIP TRANSISTOR	
Q1351	2SC3271F	SI TRANSISTOR	
Q1352	2SC3271F	SI TRANSISTOR	
Q1353	2SC3271F	SI TRANSISTOR	
Q1401	DTC124ESA-T	DIGI TRANSISTOR	
Q1402	2SC2412K/QR/-X	CHIP TRANSISTOR	
Q1521	2SK3065-W	SI TRANSISTOR	
Q1522	BU808DFI-1S4Y	POWER TRANSISTOR	H.OUT
Q1523	2SC2412K/QR/-X	CHIP TRANSISTOR	
Q1524	2SC2412K/QR/-X	CHIP TRANSISTOR	
Q1571	2SA1208/ST/Z1-T	SI TRANSISTOR	

MAIN PWB CIRCUIT DIAGRAM (1/2)




IC704
PIC-28143SY
REMOCON
RECEIVER
IC703
L78LR05E-MA
5V REG&RESET
IC651
LA4287
IC652
SI-5001X-X
IC301
NN5198K
MAIN PWB ASS' Y
SCG-1247A-H2 (AV-21AT)
*PARTS
AV-21AT
TU001 QAU0185-001
C162 680P CH
R652 820
C653 .47/50
IC1701 MN1873 287JA
NOTE
*1: 2SC2412K/QR/-X
*2: 2SA1037/QR/-X
*3: DTC124EKA-X
*4: MA111-X
*5: MA3091/M/-X
*6: MA3120/M/-X
*7: MA3056/M/-X
*8: DTA124EKA-X
*9: QQR0621-002Z
A_GND
A_VCC
P_ON/OFF
A_MUTE
VOL
A_PROT
STB_PW
AFT
I/II
V_SYNC
H_OUT
V_OUT
SDA1
SCL1
3.58/OTH
CHGC05-340-G
CN00C QGA2501F1-06


POWER CORD (AC110-240V)
QMP40D0-200J5 OR QMP40D0-200J3
LIVE (⊥)
ISOLATED (⊥)
CNOPW QGAB801C1-02
VA901 ERZV10V621CS OR QAF0052-621
S901 QSW0750-001 POWER SW
F901 T3.15AH QMF51E2-3R15J4
C901 AC275V MF QFZ9040-104
LF901 QQR0527-002
L01 DEG-COIL QQW006-001
CNDEG QGZ5003C1-02
TH901 QAD0119-9R0
C991 470 QCZ9079-471 400VAC
C910 MF QFZ9040-473 250VAC
R901 QRF104K-3R9 5W UNFR
C992 QCZ9079-471 400VAC
C907 .0022 QCZ9078-222
C904 .0022 QCZ9078-222
D901 G25BA60
C929 .022 QFP326J-223Z
C905 .0022 QCZ9078-222
T921 SW-TRANSF QQS0050-001 OR QQS0056-001
IC921 STR-G6653 POWER REGULATOR
H003 LC30710-001A
PC921 PC123F2 OR TLP721F(D4-GR)
C993 400VAC QCZ9079-102
R991 8.2M QRZ0057-825
IC971 BA51W12ST-V5
H004 CEHT11B-001Q
IC941 SE115N-LF12 ERROR AMP
NCB21HK-473X
NCB21HK-104X
DTC124EKA-X
DTC114EKA-X
2SA966/OY/-T
MA3056/M/-X
MA3075/M/-X
RGP10J-TS-T3
RU3AM-LFC4
RU3YX-LFC4
QQL26AK-820Z
QEHR1CM-108Z
QEZ0420-107
QEZ0122-561
QCZ0325-561
QCZ0325-151
QQR1114-001Z
QQR1113-001Z
A_VCC
A_GND
H_VCC
5V
STB_PW
9V
A_PROT
P_ON/OFF
X_RAY
32V
H_OUT
V_SYNC
V_OUT
FBP
ABL
ODD/EVEN
V_OUT
DN STB
X_RAY PROTECT
NOTE
*1 : 2SC2412K/QR/-X
*2 : 2SAK1037AK/QR/-X
*3 : DTC124EKA-X
*4 : MA111-X
*5 : MA3091/M/-X
*6 : MA3120/M/-X
*7 : MA3051/M/-X
*8 : QQR1113-001Z
BW : BUS WIRE
X : NON MOUNT (OPTION)



*PARTS

*	AV-21AT
T522	QQH0069 -001
L551	QQLZ018 -380
R582	22K
C525	QFZ0200 -103
C527	QFZ0199 -224
C582	QFZ0199 -224