

# aiwa



## TV-A2019

## TV-A2119

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COLOR TELEVISION

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• TYPE: KE

**SIMPLE MANUAL**

• Replace this Service Manual with "Revision Publishing" when it is issued.

S/M Code No. 09-999-419-7T1

MANUAL  
SERVICE

# ELECTRICAL MAIN PARTS LIST - 1/1(TV-A2019)

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
KE		XX		A
		KANRI		
	87-035-458-010		FUSE,4A 250V T W/C	A
	87-A90-332-010		HLDR,SF-2001 HV CABLE	A
	87-JBD-625-010		DGC,20 15 OHM	A
	88-JBJ-605-010		CONN ASSY,5P V DY-420	A
	8Z-JB4-620-010		SPKR,6*12 8OHM 10W	A
	8Z-JBX-602-010		CONN ASSY,4P SP 205-0.5	A
	8Z-JBX-691-010		AC CORD ASSY,KE IND BLK BUSH	A
V	0	88-JBK-601-010	CRT,A48QAD220X	A

# ELECTRICAL MAIN PARTS LIST - 1/1(TV-A2119)

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
KE		XX		A
		KANRI		
	87-035-458-010		FUSE,4A 250V T W/C	A
	87-A90-332-010		HLDR,SF-2001 HV CABLE	A
	87-JBN-630-010		DGC,21PAL 7JB-22	A
	88-JBJ-605-010		CONN ASSY,5P V DY-420	A
	8Z-JB4-620-010		SPKR,6*12 8OHM 10W	A
	8Z-JBX-602-010		CONN ASSY,4P SP 205-0.5	A
	8Z-JBX-691-010		AC CORD ASSY,KE IND BLK BUSH	A
V 551	88-JBJ-601-010		CRT,A51KPD12XX	A



ELECTRICAL MAIN PARTS LIST - 2/4(ZZJ-9: TV-A2019)

C	903	87-010-401-080	CAP, ELECT 1-50V	A.....
C	909	87-010-401-080	CAP, ELECT 1-50V	A.....
C	908	87-010-401-080	CAP, ELECT 1-50V	A.....
C	902	87-010-401-080	CAP, ELECT 1-50V	A.....
C	905	87-010-401-080	CAP, ELECT 1-50V	A.....
C	906	87-010-401-080	CAP, ELECT 1-50V	A.....
C	907	87-010-401-080	CAP, ELECT 1-50V	A.....
C	901	87-010-405-080	CAP, ELECT 10-50V	A.....
C	911	87-010-260-080	CAP, ELECT 47-25V	A.....
C	910	87-010-401-080	CAP, ELECT 1-50V	A.....
C	914	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	913	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	912	87-018-175-080	CAP,TC-U 20P-50 UJ	A.....
CN	901	87-049-469-010	CONN,4P V	A.....
CNA	902	8Z-JB4-660-010	CONN ASSY,5P 401-481 AUDIO	A.....
CNA	901	8Z-JB4-661-010	CONN ASSY,6P 402-482 AUDIO	A.....
CNA	903	8Z-JB9-661-010	CONN ASSY,10P MAIN-AUDIO	A.....
D	902	87-070-345-080	DIODE,IN4148	A.....
D	901	87-070-345-080	DIODE,IN4148	A.....
IC	901	87-027-666-010	IC,TC4052BP	A.....
IC	902	87-027-666-010	IC,TC4052BP	A.....
J	901	87-A60-324-110	JACK,PIN 6P Y-W-R W/SW	A.....
J	903	87-A60-858-010	JACK,3.5 BLK ST 2 SW	A.....
J	902	87-A61-021-010	JACK,PIN 3P W/SW YKC21-5734	A.....
Q	909	87-A30-065-080	TR,2SC2785FE	A.....
Q	907	87-A30-065-080	TR,2SC2785FE	A.....
Q	902	87-A30-065-080	TR,2SC2785FE	A.....
Q	901	87-A30-065-080	TR,2SC2785FE	A.....
Q	903	87-A30-065-080	TR,2SC2785FE	A.....
Q	908	87-A30-065-080	TR,2SC2785FE	A.....
Q	905	87-A30-090-080	FET,2SK2541	A.....
Q	906	87-A30-090-080	FET,2SK2541	A.....
Q	904	87-A30-090-080	FET,2SK2541	A.....
Q	913	87-A30-065-080	TR,2SC2785FE	A.....
Q	910	87-A30-065-080	TR,2SC2785FE	A.....
Q	912	87-A30-065-080	TR,2SC2785FE	A.....
Q	911	87-A30-066-080	TR,2SA1175FE	A.....
R	937	87-A00-070-090	RES,M/F 220-1W J	A.....
R	936	87-A00-070-090	RES,M/F 220-1W J	A.....
R	3	87-010-405-080	CAP, ELECT 10-50V	A.....
R	5	87-010-405-080	CAP, ELECT 10-50V	A.....
R	7	87-010-405-080	CAP, ELECT 10-50V	A.....
R	8	87-010-405-080	CAP, ELECT 10-50V	A.....
R	1	87-018-109-080	CAP, CER 22P-50V	A.....
R	2	87-018-109-080	CAP, CER 22P-50V	A.....
R	6	87-018-119-080	CAP, CER 100P-50V	A.....
R	4	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
R	9	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
R	13	87-010-405-080	CAP, ELECT 10-50V	A.....
R	12	87-010-405-080	CAP, ELECT 10-50V	A.....
R	10	87-018-119-080	CAP, CER 100P-50V	A.....
R	11	87-018-119-080	CAP, CER 100P-50V	A.....
CN	1	87-099-186-010	CONN,6P EH V WHT	A.....
D	4	87-070-345-080	DIODE,IN4148	A.....
D	8	87-070-345-080	DIODE,IN4148	A.....
D	7	87-070-345-080	DIODE,IN4148	A.....
D	9	87-A40-422-010	LED,SLP-581D-51 Y-G/R	A.....
FB	1	87-003-320-080	F-BEAD,FBR07HA121NB	A.....
HL	9	84-LB3-216-010	HLDR,LED	A.....
IC	2	87-A21-133-080	IC,BMR-0101D	A.....
IC	3	87-A90-864-010	RCR UNIT,SBX1981-72MESH	A.....
IC	1	8Z-JB9-651-010	IC,TMP87CP38N-***	A.....
L	2	87-003-152-080	COIL, 100UH	A.....
L	1	87-003-152-080	COIL, 100UH	A.....
Q	1	87-A30-066-080	TR,2SA1175FE	A.....
Q	2	87-A30-090-080	FET,2SK2541	A.....
Q	3	87-A30-091-080	FET,2SJ460	A.....
S	5	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	6	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	2	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	4	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	1	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	3	87-A90-712-080	SW,TACT EVQ11L07K	A.....
X	1	87-030-212-080	CERA LOCK CST8.0M	A.....
C	103	87-010-384-080	CAP, ELECT 100-25V	A.....
C	105	87-010-384-080	CAP, ELECT 100-25V	A.....
C	101	87-010-404-080	CAP, ELECT 4.7-50V	A.....
C	108	87-018-132-080	CAP, CER 2200P-16V	A.....
C	107	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	104	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	102	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	106	87-A10-207-080	CAP,TCS 0.01-50KBUP050	A.....
C	116	87-010-260-080	CAP, ELECT 47-25V	A.....
C	114	87-018-113-080	CAP, CER 33P-50V	A.....
C	115	87-018-119-080	CAP, CER 100P-50V	A.....
C	110	87-018-132-080	CAP, CER 2200P-16V	A.....
C	113	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	122	87-010-260-080	CAP, ELECT 47-25V	A.....
C	124	87-010-401-080	CAP, ELECT 1-50V	A.....
C	126	87-010-401-080	CAP, ELECT 1-50V	A.....
C	120	87-010-405-080	CAP, ELECT 10-50V	A.....
C	127	87-018-131-080	CAP, CER 1000P-50V	A.....

ELECTRICAL MAIN PARTS LIST - 3/4(ZZJ-9: TV-A2019)

C	128	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	121	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	125	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	129	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	132	87-010-260-080	CAP, ELECT 47-25V	A.....
CC	131	87-010-405-080	CAP, ELECT 10-50V	A.....
CC	130	87-010-405-080	CAP, ELECT 10-50V	A.....
CC	134	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CF	207	87-008-575-080	FLTR,SFSH5.5MCB	A.....
CF	204	87-008-577-080	FLTR,TPS5.5MB2	A.....
D	103	87-070-345-080	DIODE,IN4148	A.....
D	101	87-070-444-080	ZENER,HZS33-1	A.....
L	104	87-003-113-080	COIL,1.8UH K LAL02	A.....
L	102	87-003-152-080	COIL,100UH	A.....
L	106	87-003-282-080	COIL,12UH	A.....
L	101	87-005-444-080	COIL 100UH,K	A.....
L	112	87-003-149-080	COIL,47UH	A.....
L	111	87-003-282-080	COIL,12UH	A.....
L	114	87-A50-530-010	COIL,VCO38.0MHZ	A.....
Q	104	87-A30-065-080	TR,2SC2785FE	A.....
Q	108	87-A30-065-080	TR,2SC2785FE	A.....
Q	106	87-A30-065-080	TR,2SC2785FE	A.....
Q	105	87-A30-066-080	TR,2SA1175FE	A.....
Q	101	89-337-794-580	TR,2SC3779 D/E	A.....
R	101	87-A00-164-090	RES,M/F 12K-2W J RSF(S)	A.....
SWF	202	87-A90-337-010	FLTR,SAW OFW-K2959M	A.....
TU	101	87-A91-495-010	TU UNIT, ENV59D58G3-38.0MHZ	A.....
CC	308	87-010-405-080	CAP, ELECT 10-50V	A.....
CC	301	87-010-545-080	CAP, ELECT 0.22-50V	A.....
CC	302	87-018-132-080	CAP, CER 2200P-16V	A.....
CC	307	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	309	87-018-147-080	CAP,TC-U 10P-50 CH	A.....
CC	303	87-018-147-080	CAP,TC-U 10P-50 CH	A.....
CC	317	87-010-237-080	CAP, ELECT 1000-16V	A.....
CC	316	87-010-400-080	CAP, ELECT 0.47-50V	A.....
CC	319	87-010-400-080	CAP, ELECT 0.47-50V	A.....
CC	314	87-010-401-080	CAP, ELECT 1-50V	A.....
CC	312	87-010-405-080	CAP, ELECT 10-50V	A.....
CC	313	87-018-119-080	CAP, CER 100P-50V	A.....
CC	318	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	310	87-018-147-080	CAP,TC-U 10P-50 CH	A.....
CC	311	87-018-147-080	CAP,TC-U 10P-50 CH	A.....
CC	315	87-018-196-080	CAP, CER 1500P-16V	A.....
CC	320	87-010-384-080	CAP, ELECT 100-25V	A.....
CC	328	87-010-400-080	CAP, ELECT 0.47-50V	A.....
CC	321	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	331	87-010-263-080	CAP, ELECT 100-10V	A.....
CC	330	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CNA	301	8Z-JB4-669-010	CONN ASSY,5P MAIN-NK BLACK 20'	A.....
D	301	87-070-345-080	DIODE,IN4148	A.....
D	304	87-070-345-080	DIODE,IN4148	A.....
D	303	87-A40-235-080	ZENER,MTZJ9.1C	A.....
D	302	87-A40-235-080	ZENER,MTZJ9.1C	A.....
D	305	87-A40-350-080	ZENER,MTZJ 4.7C	A.....
D	315	87-070-345-080	DIODE,IN4148	A.....
IC	301	87-A21-165-010	IC,TB1240BN	A.....
L	301	87-003-152-080	COIL,100UH	A.....
L	302	87-005-481-080	COIL,47UH J FLR50	A.....
Q	303	87-026-218-080	TR,DTC144ES (0.2W)	A.....
Q	301	87-A30-066-080	TR,2SA1175FE	A.....
Q	302	87-A30-090-080	FET,2SK2541	A.....
X	301	87-A70-054-080	VIB,XTAL 4.43MHZ AQC-1018	A.....
C	503	87-067-579-010	TAPPING SCREW, BVT2+3-8	A.....
CC	506	87-010-247-080	CAP, ELECT 100-50V	A.....
CC	506	87-010-394-080	CAP ELECT220-35V	A.....
CC	509	87-010-405-080	CAP, ELECT 10-50V	A.....
CC	502	87-018-115-080	CAP, CER 47P-50V	A.....
CC	501	87-018-195-080	CAP, CER 1200P-16V	A.....
CC	510	87-010-401-080	CAP, ELECT 1-50V	A.....
CC	513	87-018-127-080	CAP, CER 470P-50V	A.....
CC	512	87-A10-011-090	CAP,E 2200-25 SMG	A.....
CC	511	88-708-980-810	CAP,M 0.056-100 J AMZV	A.....
CC	609	87-010-386-080	CAP,E330-25 SME	A.....
CC	607	87-010-397-090	CAP,E 1000-35 SME	A.....
CC	603	87-016-299-080	CAP,E 10-100 SME	A.....
CC	606	87-016-515-080	CAP,CER 1000P-1K B	A.....
CC	601	87-A10-406-010	CAP,CER 270P-2K K BN DE	A.....
CC	605	88-238-450-810	CERAMIC CAPACITOR,150P/500V	A.....
CC	618	87-010-974-080	CAP,CER 220P-500 B	A.....
CC	617	87-010-976-080	CAP,CER 1000P-500 B	A.....
CC	610	87-016-217-080	CAP,E 4.7-160	A.....
CC	619	87-016-322-080	CAP,E 1-250 SME	A.....
CC	613	87-016-357-010	CAP,PP 0.01-1250	A.....
CC	616	87-018-132-080	CAP, CER 2200P-16V	A.....
C	611	87-A10-043-010	CAP,PP 0.56-200 PH	A.....
CN	601	87-099-675-010	CONN,5P V V	A.....
CN	602	87-A60-485-010	CONN,2P V LV GRA	A.....
D	501	87-070-092-080	DIODE,S5566B	A.....
D	606	87-070-345-080	DIODE,IN4148	A.....
D	604	87-070-345-080	DIODE,IN4148	A.....
D	607	87-070-345-080	DIODE,IN4148	A.....
D	601	87-A40-286-080	DIODE,RGP10JE-5025	A.....

# ELECTRICAL MAIN PARTS LIST -4/4(ZZJ-9: TV-A2019)

D	605	87-A40-286-080	DIODE,RGP10JE-5025	A.....
D	602	87-A40-286-080	DIODE,RGP10JE-5025	A.....
D	603	87-A40-286-080	DIODE,RGP10JE-5025	A.....
FB	501	87-003-320-080	F-BEAD,FBR07HA121NB	A.....
FB	601	87-003-320-080	F-BEAD,FBR07HA121NB	A.....
FR	603	87-029-170-090	RES,FUSE 3.9-1W J	A.....
FR	606	87-A00-049-060	RES,FUSE 2.2K-1/2WJ R-TYPE	A.....
FR	604	87-A00-050-060	RES,FUSE 2.2-1W J R-TYPE	A.....
FR	601	87-A00-063-060	RES,FUSE 2.2-1/2W J R-TYPE	A.....
FR	602	87-A00-540-090	RES,FUSE 0.82-1W J R-TYPE	A.....
IC	501	87-070-237-010	IC,LA7832	A.....
L	601	87-A50-040-010	COIL,2.2MH	A.....
L	602	88-JBJ-625-010	COIL,HLC-ELH5L4120N	A.....
Q	501	87-A30-065-080	TR,2SC2785FE	A.....
Q	603	87-A30-065-080	TR,2SC2785FE	A.....
Q	601	87-A30-095-010	TR,2SD2333LS/C202	A.....
Q	602	89-334-674-580	TR,2SC3467 D/E	A.....
R	619	87-A00-200-090	RES,M/F 100-2W J RSF(S)	A.....
R	612	87-A00-225-090	RES,M/F 2.2K-5W J RSV5	A.....
S	501	87-A90-567-010	SW,LVR 4-1-3 EVQRAAL10	A.....
T	602	84-LB3-651-010	TRANS,HD MS-101N	A.....
T	601	8Z-JBS-605-010	FBT, HFT3608(SAN)20-C	A.....

# ELECTRICAL MAIN PARTS LIST - 1/4(ZZJ-7: TVA2119)

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	DESCRIPTION	SUFFIX
YTVASSYM	.....XX	.....A	.....
		KANRI	
		NO.	
C	804	87-067-584-010 TAPPING SCREW, BVT2+3-6	A
C	806	87-012-370-010 CAP,CER 3300P-250NS	A
C	809	87-012-370-010 CAP,CER 3300P-250NS	A
C	808	87-018-131-080 CAP, CER 1000P-50V	A
C	802	87-A10-684-010 CAP,CER 680P-2K K BN DE	A
C	801	87-A11-038-010 CAP,AC M/P 0.22 300 M B81131	A
C	807	87-A11-038-010 CAP,AC M/P 0.22 300 M B81131	A
C	810	87-A11-808-090 CAP,E 150-420 SMH	A
C	814	87-010-384-080 CAP, ELECT 100-25V	A
C	818	87-016-515-080 CAP,CER 1000P-1K B	A
C	811	87-016-648-080 CAP,E 100-160 SSL	A
C	812	87-018-127-080 CAP, CER 470P-50V	A
C	813	87-018-129-080 CAP, CER 680P-50V	A
C	817	87-A10-626-090 CAP,M/P 0.01-1250 J	A
C	816	87-A10-731-090 CAP,E 220-160 M KMF	A
C	815	87-A10-867-090 CAP,CER 2200P-2K K R	A
C	826	87-A11-779-090 CAP,M/P 1000P-1.6K J ECWH(VB)	A
C	823	87-010-235-080 CAP,E 470-16 SME	A
C	828	87-010-398-090 CAP,E 2200-35V	A
C	827	87-010-405-080 CAP, ELECT 10-50V	A
C	822	87-010-405-080 CAP, ELECT 10-50V	A
C	824	87-016-515-080 CAP,CER 1000P-1K B	A
C	825	87-016-594-090 CAP,E 1000-35 M SSL	A
C	829	87-018-131-080 CAP, CER 1000P-50V	A
C	835	87-A10-469-080 CAP,CER 2200P-500 K B DD10	A
C	834	87-010-384-080 CAP, ELECT 100-25V	A
C	830	87-010-405-080 CAP, ELECT 10-50V	A
C	832	87-010-405-080 CAP, ELECT 10-50V	A
C	831	87-010-405-080 CAP, ELECT 10-50V	A
C	833	87-010-405-080 CAP, ELECT 10-50V	A
CN	802	82-481-649-010 PLUG, 2P MINI(*)	A
CN	801	87-099-674-010 CONN, 2P VA V	A
CNA	802	8Z-JB4-658-010 CONN ASSY, 5P MAIN-NK 20'/21'	A
CNA	801	8Z-JB4-662-010 CONN ASSY, 7P 403-483 AUDIO	A
D	802	87-017-654-060 DIODE, GBU6J	A
D	806	87-A40-286-080 DIODE, RGP10JE-5025	A
D	808	87-A40-286-080 DIODE, RGP10JE-5025	A
D	805	87-A40-286-080 DIODE, RGP10JE-5025	A
D	803	87-A40-286-080 DIODE, RGP10JE-5025	A
D	807	87-A40-286-080 DIODE, RGP10JE-5025	A
D	809	87-A40-450-090 DIODE, RU 1P	A
D	804	87-A40-509-080 ZENER, MTZJ6.8C	A
D	816	87-070-345-080 DIODE, IN4148	A
D	817	87-070-345-080 DIODE, IN4148	A
D	815	87-070-345-080 DIODE, IN4148	A
D	814	87-070-345-080 DIODE, IN4148	A
D	813	87-A40-286-080 DIODE, RGP10JE-5025	A
D	810	87-A40-354-090 DIODE, UF3GL-6251	A
D	812	87-A40-354-090 DIODE, UF3GL-6251	A
FB	806	87-003-320-080 F-BEAD, FBR07HA121NB	A
FB	802	87-003-320-080 F-BEAD, FBR07HA121NB	A
FB	805	87-003-320-080 F-BEAD, FBR07HA121NB	A
FB	801	87-003-320-080 F-BEAD, FBR07HA121NB	A
FC	801	87-033-213-080 CLAMP, FUSE	A
FC	802	87-033-213-080 CLAMP, FUSE	A
FR	801	87-029-158-060 RES, FUSE 1-1W J	A
IC	804	87-020-903-010 IC, NJM7805FA	A
IC	802	87-020-903-010 IC, NJM7805FA	A
IC	803	87-A20-389-010 IC, NJM7809FA	A
IC	801	87-A21-344-010 IC, STR-F6656	A
L	801	87-A50-170-010 COIL, 390UH RCH106	A
LF	801	87-JB8-651-010 FLTR, LINE SS24H-K15070	A
PR	801	87-A90-090-080 PROTECTOR, 1.5A 491SERIES 60V	A
PR	803	87-A90-094-080 PROTECTOR, 4A 491SERIES 60V	A
PS	801	87-A91-407-010 P-COUPLER, ON3171-R	A
PS	802	87-A91-407-010 P-COUPLER, ON3171-R	A
PT	801	8Z-JBA-621-010 PT, SW ZJB-SH-7 M	A
Q	801	87-026-451-080 TR, 2SA933SR	A
Q	802	87-A30-041-110 TR, SE115N	A
Q	806	87-A30-066-080 TR, 2SA1175FE	A
Q	805	87-A30-090-080 FET, 2SK2541	A
Q	803	87-A30-090-080 FET, 2SK2541	A
Q	804	87-A30-090-080 FET, 2SK2541	A
R	804	87-A00-543-080 RES, SD 8.2M-1W J RCR60	A
R	802	87-A00-552-010 RES, CEM 1.0-10W J MPC722	A
R	803	87-A00-552-010 RES, CEM 1.0-10W J MPC722	A
R	807	87-A00-610-060 RES, M/F 0.15-3W J LS	A
R	808	87-A00-610-060 RES, M/F 0.15-3W J LS	A
R	816	87-A00-170-090 RES, M/F 82K-3W J RSF(S)	A
R	817	87-A00-223-090 RES, M/F 47K-2W J RSF(S)	A
R	827	87-022-568-090 RES, M/F 82K-2W J	A
S	801	87-A91-410-010 SW, AC PUSH 1-1-1 ESB92SH1B	A
SCR	801	87-A90-965-010 VRIS, TNR15G471K	A
THP	801	87-A91-405-010 POS-THMS, T209-B80-A10	A
C	904	87-010-381-080 CAP, ELECT 330-16V	A



ELECTRICAL MAIN PARTS LIST - 2/4(ZZJ-7: TV-A2119))

C	903	87-010-401-080	CAP, ELECT 1-50V	A.....
C	909	87-010-401-080	CAP, ELECT 1-50V	A.....
C	908	87-010-401-080	CAP, ELECT 1-50V	A.....
C	902	87-010-401-080	CAP, ELECT 1-50V	A.....
C	905	87-010-401-080	CAP, ELECT 1-50V	A.....
C	906	87-010-401-080	CAP, ELECT 1-50V	A.....
C	907	87-010-401-080	CAP, ELECT 1-50V	A.....
C	901	87-010-405-080	CAP, ELECT 10-50V	A.....
C	911	87-010-260-080	CAP, ELECT 47-25V	A.....
C	910	87-010-401-080	CAP, ELECT 1-50V	A.....
C	914	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	913	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	912	87-018-175-080	CAP,TC-U 20P-50 UJ	A.....
CN	901	87-049-469-010	CONN,4P V	A.....
CNA	902	8Z-JB4-660-010	CONN ASSY,5P 401-481 AUDIO	A.....
CNA	901	8Z-JB4-661-010	CONN ASSY,6P 402-482 AUDIO	A.....
CNA	903	8Z-JB9-661-010	CONN ASSY,10P MAIN-AUDIO	A.....
D	902	87-070-345-080	DIODE,IN4148	A.....
D	901	87-070-345-080	DIODE,IN4148	A.....
IC	901	87-027-666-010	IC,TC4052BP	A.....
IC	902	87-027-666-010	IC,TC4052BP	A.....
J	901	87-A60-324-110	JACK,PIN 6P Y-W-R W/SW	A.....
J	903	87-A60-858-010	JACK,3.5 BLK ST 2 SW	A.....
J	902	87-A61-021-010	JACK,PIN 3P W/SW YKC21-5734	A.....
Q	909	87-A30-065-080	TR,2SC2785FE	A.....
Q	907	87-A30-065-080	TR,2SC2785FE	A.....
Q	902	87-A30-065-080	TR,2SC2785FE	A.....
Q	901	87-A30-065-080	TR,2SC2785FE	A.....
Q	903	87-A30-065-080	TR,2SC2785FE	A.....
Q	908	87-A30-065-080	TR,2SC2785FE	A.....
Q	905	87-A30-090-080	FET,2SK2541	A.....
Q	906	87-A30-090-080	FET,2SK2541	A.....
Q	904	87-A30-090-080	FET,2SK2541	A.....
Q	913	87-A30-065-080	TR,2SC2785FE	A.....
Q	910	87-A30-065-080	TR,2SC2785FE	A.....
Q	912	87-A30-065-080	TR,2SC2785FE	A.....
Q	911	87-A30-066-080	TR,2SA1175FE	A.....
R	937	87-A00-070-090	RES,M/F 220-1W J	A.....
R	936	87-A00-070-090	RES,M/F 220-1W J	A.....
R	3	87-010-405-080	CAP, ELECT 10-50V	A.....
R	5	87-010-405-080	CAP, ELECT 10-50V	A.....
R	7	87-010-405-080	CAP, ELECT 10-50V	A.....
R	8	87-010-405-080	CAP, ELECT 10-50V	A.....
R	1	87-018-109-080	CAP, CER 22P-50V	A.....
R	2	87-018-109-080	CAP, CER 22P-50V	A.....
R	6	87-018-119-080	CAP, CER 100P-50V	A.....
R	4	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
R	9	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
R	13	87-010-405-080	CAP, ELECT 10-50V	A.....
R	12	87-010-405-080	CAP, ELECT 10-50V	A.....
R	10	87-018-119-080	CAP, CER 100P-50V	A.....
R	11	87-018-119-080	CAP, CER 100P-50V	A.....
CN	1	87-099-186-010	CONN,6P EH V WHT	A.....
D	4	87-070-345-080	DIODE,IN4148	A.....
D	8	87-070-345-080	DIODE,IN4148	A.....
D	7	87-070-345-080	DIODE,IN4148	A.....
D	9	87-A40-422-010	LED,SLP-581D-51 Y-G/R	A.....
FB	1	87-003-320-080	F-BEAD,FBR07HA121NB	A.....
HL	9	84-LB3-216-010	HLDR,LED	A.....
IC	2	87-A21-133-080	IC,BMR-0101D	A.....
IC	3	87-A90-864-010	RCR UNIT,SBX1981-72MESH	A.....
IC	1	8Z-JB9-651-010	IC,TMP87CP38N-***	A.....
L	2	87-003-152-080	COIL, 100UH	A.....
L	1	87-003-152-080	COIL, 100UH	A.....
Q	1	87-A30-066-080	TR,2SA1175FE	A.....
Q	2	87-A30-090-080	FET,2SK2541	A.....
Q	3	87-A30-091-080	FET,2SJ460	A.....
S	5	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	6	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	2	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	4	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	1	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	3	87-A90-712-080	SW,TACT EVQ11L07K	A.....
X	1	87-030-212-080	CERA LOCK CST8.0M	A.....
C	103	87-010-384-080	CAP, ELECT 100-25V	A.....
C	105	87-010-384-080	CAP, ELECT 100-25V	A.....
C	101	87-010-404-080	CAP, ELECT 4.7-50V	A.....
C	108	87-018-132-080	CAP, CER 2200P-16V	A.....
C	107	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	104	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	102	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	106	87-A10-207-080	CAP,TCS 0.01-50KBUP050	A.....
C	116	87-010-260-080	CAP, ELECT 47-25V	A.....
C	114	87-018-113-080	CAP, CER 33P-50V	A.....
C	115	87-018-119-080	CAP, CER 100P-50V	A.....
C	110	87-018-132-080	CAP, CER 2200P-16V	A.....
C	113	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	122	87-010-260-080	CAP, ELECT 47-25V	A.....
C	124	87-010-401-080	CAP, ELECT 1-50V	A.....
C	126	87-010-401-080	CAP, ELECT 1-50V	A.....
C	120	87-010-405-080	CAP, ELECT 10-50V	A.....
C	127	87-018-131-080	CAP, CER 1000P-50V	A.....

# ELECTRICAL MAIN PARTS LIST - 3/4(ZZJ-7: TV-A2119))

C	128	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	121	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	125	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	129	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	132	87-010-260-080	CAP, ELECT 47-25V	A.....
CC	131	87-010-405-080	CAP, ELECT 10-50V	A.....
CC	130	87-010-405-080	CAP, ELECT 10-50V	A.....
CC	134	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CF	207	87-008-575-080	FLTR,SFSH5.5MCB	A.....
CF	204	87-008-577-080	FLTR,TPS5.5MB2	A.....
D	103	87-070-345-080	DIODE,IN4148	A.....
D	101	87-070-444-080	ZENER,HZS33-1	A.....
L	104	87-003-113-080	COIL,1.8UH K LAL02	A.....
L	102	87-003-152-080	COIL,100UH	A.....
L	106	87-003-282-080	COIL,12UH	A.....
L	101	87-005-444-080	COIL 100UH,K	A.....
L	112	87-003-149-080	COIL,47UH	A.....
L	111	87-003-282-080	COIL,12UH	A.....
L	114	87-A50-530-010	COIL,VCO38.0MHZ	A.....
Q	104	87-A30-065-080	TR,2SC2785FE	A.....
Q	108	87-A30-065-080	TR,2SC2785FE	A.....
Q	106	87-A30-065-080	TR,2SC2785FE	A.....
Q	105	87-A30-066-080	TR,2SA1175FE	A.....
Q	101	89-337-794-580	TR,2SC3779 D/E	A.....
R	101	87-A00-164-090	RES,M/F 12K-2W J RSF(S)	A.....
SWF	202	87-A90-337-010	FLTR,SAW OFW-K2959M	A.....
TU	101	87-A91-495-010	TU UNIT, ENV59D58G3-38.0MHZ	A.....
CC	308	87-010-405-080	CAP, ELECT 10-50V	A.....
CC	301	87-010-545-080	CAP, ELECT 0.22-50V	A.....
CC	302	87-018-132-080	CAP, CER 2200P-16V	A.....
CC	307	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	309	87-018-147-080	CAP,TC-U 10P-50 CH	A.....
CC	303	87-018-147-080	CAP,TC-U 10P-50 CH	A.....
CC	317	87-010-237-080	CAP, ELECT 1000-16V	A.....
CC	316	87-010-400-080	CAP, ELECT 0.47-50V	A.....
CC	319	87-010-400-080	CAP, ELECT 0.47-50V	A.....
CC	314	87-010-401-080	CAP, ELECT 1-50V	A.....
CC	312	87-010-405-080	CAP, ELECT 10-50V	A.....
CC	313	87-018-119-080	CAP, CER 100P-50V	A.....
CC	318	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	310	87-018-147-080	CAP,TC-U 10P-50 CH	A.....
CC	311	87-018-147-080	CAP,TC-U 10P-50 CH	A.....
CC	315	87-018-196-080	CAP, CER 1500P-16V	A.....
CC	320	87-010-384-080	CAP, ELECT 100-25V	A.....
CC	328	87-010-400-080	CAP, ELECT 0.47-50V	A.....
CC	321	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CC	331	87-010-263-080	CAP, ELECT 100-10V	A.....
CC	330	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
CNA	301	8Z-JB4-669-010	CONN ASSY,5P MAIN-NK BLACK 20'	A.....
D	301	87-070-345-080	DIODE,IN4148	A.....
D	304	87-070-345-080	DIODE,IN4148	A.....
D	303	87-A40-235-080	ZENER,MTZJ9.1C	A.....
D	302	87-A40-235-080	ZENER,MTZJ9.1C	A.....
D	305	87-A40-350-080	ZENER,MTZJ 4.7C	A.....
D	315	87-070-345-080	DIODE,IN4148	A.....
IC	301	87-A21-165-010	IC,TB1240BN	A.....
L	301	87-003-152-080	COIL,100UH	A.....
L	302	87-005-481-080	COIL,47UH J FLR50	A.....
Q	303	87-026-218-080	TR,DTC144ES (0.2W)	A.....
Q	301	87-A30-066-080	TR,2SA1175FE	A.....
Q	302	87-A30-090-080	FET,2SK2541	A.....
X	301	87-A70-054-080	VIB,XTAL 4.43MHZ AQC-1018	A.....
C	503	87-067-579-010	TAPPING SCREW, BVT2+3-8	A.....
CC	506	87-010-247-080	CAP, ELECT 100-50V	A.....
CC	506	87-010-394-080	CAP ELECT220-35V	A.....
CC	509	87-010-405-080	CAP, ELECT 10-50V	A.....
CC	502	87-018-115-080	CAP, CER 47P-50V	A.....
CC	501	87-018-195-080	CAP, CER 1200P-16V	A.....
CC	510	87-010-401-080	CAP, ELECT 1-50V	A.....
CC	513	87-018-127-080	CAP, CER 470P-50V	A.....
CC	512	87-A10-011-090	CAP,E 2200-25 SMG	A.....
CC	511	88-708-980-810	CAP,M 0.056-100 J AMZV	A.....
CC	609	87-010-386-080	CAP,E330-25 SME	A.....
CC	607	87-010-397-090	CAP,E 1000-35 SME	A.....
CC	603	87-016-299-080	CAP,E 10-100 SME	A.....
CC	606	87-016-515-080	CAP,CER 1000P-1K B	A.....
CC	601	87-A10-406-010	CAP,CER 270P-2K K BN DE	A.....
CC	605	88-238-450-810	CERAMIC CAPACITOR,150P/500V	A.....
CC	618	87-010-974-080	CAP,CER 220P-500 B	A.....
CC	617	87-010-976-080	CAP,CER 1000P-500 B	A.....
CC	610	87-016-217-080	CAP,E 4.7-160	A.....
CC	619	87-016-322-080	CAP,E 1-250 SME	A.....
CC	613	87-016-357-010	CAP,PP 0.01-1250	A.....
CC	616	87-018-132-080	CAP, CER 2200P-16V	A.....
C	611	87-A10-043-010	CAP,PP 0.56-200 PH	A.....
CN	601	87-099-675-010	CONN,5P V V	A.....
CN	602	87-A60-485-010	CONN,2P V LV GRA	A.....
D	501	87-070-092-080	DIODE,S5566B	A.....
D	606	87-070-345-080	DIODE,IN4148	A.....
D	604	87-070-345-080	DIODE,IN4148	A.....
D	607	87-070-345-080	DIODE,IN4148	A.....
D	601	87-A40-286-080	DIODE,RGP10JE-5025	A.....

# ELECTRICAL MAIN PARTS LIST - 4/4(ZZJ-7: TV-A2119))

D	605	87-A40-286-080	DIODE,RGP10JE-5025	A.....
D	602	87-A40-286-080	DIODE,RGP10JE-5025	A.....
D	603	87-A40-286-080	DIODE,RGP10JE-5025	A.....
FB	501	87-003-320-080	F-BEAD,FBR07HA121NB	A.....
FB	601	87-003-320-080	F-BEAD,FBR07HA121NB	A.....
FR	603	87-029-170-090	RES,FUSE 3.9-1W J	A.....
FR	606	87-A00-049-060	RES,FUSE 2.2K-1/2WJ R-TYPE	A.....
FR	604	87-A00-050-060	RES,FUSE 2.2-1W J R-TYPE	A.....
FR	601	87-A00-063-060	RES,FUSE 2.2-1/2W J R-TYPE	A.....
FR	602	87-A00-539-090	RES,FUSE 0.56-1W J R-TYPE	A.....
IC	501	87-070-237-010	IC,LA7832	A.....
L	601	87-A50-040-010	COIL,2.2MH	A.....
L	602	88-JBJ-625-010	COIL,HLC-ELH5L4120N	A.....
Q	501	87-A30-065-080	TR,2SC2785FE	A.....
Q	603	87-A30-065-080	TR,2SC2785FE	A.....
Q	601	87-A30-095-010	TR,2SD2333LS/C202	A.....
Q	602	89-334-674-580	TR,2SC3467 D/E	A.....
R	619	87-A00-200-090	RES,M/F 100-2W J RSF(S)	A.....
R	612	87-A00-225-090	RES,M/F 2.2K-5W J RSV5	A.....
S	501	87-A90-567-010	SW,LVR 4-1-3 EVQRAAL10	A.....
T	602	84-LB3-651-010	TRANS,HD MS-101N	A.....
T	601	8Z-JBR-605-010	FBT, HFT3607(SAN) 21-C	A.....

# ELECTRICAL MAIN PARTS LIST -1/1(ZZJ-A: TV-A2019)

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	DESCRIPTION	SUFFIX
YCOMASSYM	.....XX	.....	A.....
		KANRI	
		NO.	
C	556	87-010-405-080	CAP, ELECT 10-50V
C	557	87-010-405-080	CAP, ELECT 10-50V
C	551	87-010-976-080	CAP,CER 1000P-500 B
C	552	87-012-397-010	CAP,CER 1000P-2K BN
C	553	87-018-124-080	CAP, CER 270P-50V
C	554	87-018-124-080	CAP, CER 270P-50V
C	555	87-018-126-080	CAP,TC-U 390P-50 B
CN	551	87-009-195-010	CONN,5P B5BEH
CN	552	87-049-590-010	CONN,5P 8283 V WHT
D	554	87-070-345-080	DIODE,IN4148
D	557	87-070-345-080	DIODE,IN4148
D	556	87-070-345-080	DIODE,IN4148
D	553	87-070-345-080	DIODE,IN4148
D	555	87-070-345-080	DIODE,IN4148
D	551	87-070-345-080	DIODE,IN4148
D	552	87-070-345-080	DIODE,IN4148
L	551	87-005-444-080	COIL 100UH,K
Q	551	87-A30-005-010	TR,2SC2688M/L
Q	552	87-A30-005-010	TR,2SC2688M/L
Q	553	87-A30-005-010	TR,2SC2688M/L
Q	554	87-A30-066-080	TR,2SA1175FE
R	551	87-A00-165-090	RES,M/F 15K-2W J RSF(S)
R	552	87-A00-165-090	RES,M/F 15K-2W J RSF(S)
R	553	87-A00-165-090	RES,M/F 15K-2W J RSF(S)
SO	552	86-LBR-670-010	SOCKET,CRT 9P HPS1521
C	402	87-010-260-080	CAP, ELECT 47-25V
C	401	87-010-402-080	CAP, ELECT 2.2-50V
C	405	87-010-402-080	CAP, ELECT 2.2-50V
C	406	87-010-405-080	CAP, ELECT 10-50V
C	403	87-018-134-080	CAPACITOR,TC-U 0.01-16
C	407	87-A11-148-080	CAP,TC U 0.1-50 Z F
C	421	87-010-260-080	CAP, ELECT 47-25V
C	429	87-010-263-080	CAP, ELECT 100-10V
C	427	87-010-401-080	CAP, ELECT 1-50V
C	428	87-018-134-080	CAPACITOR,TC-U 0.01-16
C	422	87-018-134-080	CAPACITOR,TC-U 0.01-16
C	426	87-A11-148-080	CAP,TC U 0.1-50 Z F
C	479	87-010-247-080	CAP, ELECT 100-50V
C	478	87-010-401-080	CAP, ELECT 1-50V
C	477	87-010-404-080	CAP, ELECT 4.7-50V
C	476	87-010-404-080	CAP, ELECT 4.7-50V
C	483	87-010-247-080	CAP, ELECT 100-50V
C	481	87-010-388-080	CAP ELECT 1000-25V SME
C	480	87-010-388-080	CAP ELECT 1000-25V SME
C	482	87-010-401-080	CAP, ELECT 1-50V
C	484	87-A11-148-080	CAP,TC U 0.1-50 Z F
C	493	87-010-260-080	CAP, ELECT 47-25V
CN	401	87-009-034-010	CONN,6P PH V
CN	404	87-009-195-010	CONN,5P B5BEH
CN	403	87-099-408-010	CONN,8P EH V WHT
D	407	87-070-345-080	DIODE,IN4148
D	402	87-070-345-080	DIODE,IN4148
D	406	87-070-345-080	DIODE,IN4148
D	401	87-070-345-080	DIODE,IN4148
FR	996	87-A00-084-090	RES,FUSE 1-1W J
FR	997	87-A00-084-090	RES,FUSE 1-1W J
IC	403	87-A20-312-010	IC,M62420SP
IC	401	87-A21-259-010	IC,MM1454
IC	410	87-A21-283-010	IC,AN5277
Q	406	87-A30-090-080	FET,2SK2541
Q	409	87-A30-090-080	FET,2SK2541
Q	405	87-A30-091-080	FET,2SJ460
Q	408	87-A30-091-080	FET,2SJ460
Q	404	87-A30-121-080	TR,DTC 323 TS
Q	407	87-A30-121-080	TR,DTC 323 TS
Q	414	87-A30-091-080	FET,2SJ460
R	404	87-025-380-080	RES,M/F 15K-1/6W F
R	405	87-025-381-080	RES,M/F 18K-1/6W F
R	401	87-025-381-080	RES,M/F 18K-1/6W F
R	402	87-025-424-080	RES,M/F 10K 1/6W F

# ELECTRICAL MAIN PARTS LIST -1/1(ZZJ-8: TV-A2119)

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	DESCRIPTION	SUFFIX	
C	556	87-010-405-080	CAP, ELECT 10-50V	A
C	557	87-010-405-080	CAP, ELECT 10-50V	A
C	551	87-010-976-080	CAP,CER 1000P-500 B	A
C	552	87-012-397-010	CAP,CER 1000P-2K BN	A
C	553	87-018-124-080	CAP, CER 270P-50V	A
C	554	87-018-124-080	CAP, CER 270P-50V	A
C	555	87-018-126-080	CAP,TC-U 390P-50 B	A
CN	551	87-009-195-010	CONN,5P B5BEH	A
CN	552	87-049-590-010	CONN,5P 8283 V WHT	A
D	554	87-070-345-080	DIODE,IN4148	A
D	557	87-070-345-080	DIODE,IN4148	A
D	556	87-070-345-080	DIODE,IN4148	A
D	553	87-070-345-080	DIODE,IN4148	A
D	555	87-070-345-080	DIODE,IN4148	A
D	551	87-070-345-080	DIODE,IN4148	A
D	552	87-070-345-080	DIODE,IN4148	A
L	551	87-005-444-080	COIL 100UH,K	A
Q	551	87-A30-005-010	TR,2SC2688M/L	A
Q	552	87-A30-005-010	TR,2SC2688M/L	A
Q	553	87-A30-005-010	TR,2SC2688M/L	A
Q	554	87-A30-066-080	TR,2SA1175FE	A
R	551	87-A00-165-090	RES,M/F 15K-2W J RSF(S)	A
R	552	87-A00-165-090	RES,M/F 15K-2W J RSF(S)	A
R	553	87-A00-165-090	RES,M/F 15K-2W J RSF(S)	A
SO	552	86-LBR-670-010	SOCKET,CRT 9P HPS1521	A
C	402	87-010-260-080	CAP, ELECT 47-25V	A
C	401	87-010-402-080	CAP, ELECT 2.2-50V	A
C	405	87-010-402-080	CAP, ELECT 2.2-50V	A
C	406	87-010-405-080	CAP, ELECT 10-50V	A
C	403	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	407	87-A11-148-080	CAP,TC U 0.1-50 Z F	A
C	421	87-010-260-080	CAP, ELECT 47-25V	A
C	429	87-010-263-080	CAP, ELECT 100-10V	A
C	427	87-010-401-080	CAP, ELECT 1-50V	A
C	428	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	422	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	426	87-A11-148-080	CAP,TC U 0.1-50 Z F	A
C	479	87-010-247-080	CAP, ELECT 100-50V	A
C	478	87-010-401-080	CAP, ELECT 1-50V	A
C	477	87-010-404-080	CAP, ELECT 4.7-50V	A
C	476	87-010-404-080	CAP, ELECT 4.7-50V	A
C	483	87-010-247-080	CAP, ELECT 100-50V	A
C	481	87-010-388-080	CAP ELECT 1000-25V SME	A
C	480	87-010-388-080	CAP ELECT 1000-25V SME	A
C	482	87-010-401-080	CAP, ELECT 1-50V	A
C	484	87-A11-148-080	CAP,TC U 0.1-50 Z F	A
C	493	87-010-247-080	CAP, ELECT 100-50V	A
C	493	87-010-260-080	CAP, ELECT 47-25V	A
CN	401	87-009-034-010	CONN,6P PH V	A
CN	404	87-009-195-010	CONN,5P B5BEH	A
CN	403	87-099-408-010	CONN,8P EH V WHT	A
D	406	87-070-345-080	DIODE,IN4148	A
D	402	87-070-345-080	DIODE,IN4148	A
D	401	87-070-345-080	DIODE,IN4148	A
D	407	87-070-345-080	DIODE,IN4148	A
FR	996	87-A00-084-090	RES,FUSE 1-1W J	A
FR	997	87-A00-084-090	RES,FUSE 1-1W J	A
IC	403	87-A20-312-010	IC,M62420SP	A
IC	401	87-A21-259-010	IC,MM1454	A
IC	410	87-A21-283-010	IC,AN5277	A
Q	406	87-A30-090-080	FET,2SK2541	A
Q	409	87-A30-090-080	FET,2SK2541	A
Q	408	87-A30-091-080	FET,2SJ460	A
Q	405	87-A30-091-080	FET,2SJ460	A
Q	404	87-A30-121-080	TR,DTC 323 TS	A
Q	407	87-A30-121-080	TR,DTC 323 TS	A
Q	414	87-A30-091-080	FET,2SJ460	A
R	404	87-025-380-080	RES,M/F 15K-1/6W F	A
R	401	87-025-381-080	RES,M/F 18K-1/6W F	A
R	405	87-025-381-080	RES,M/F 18K-1/6W F	A
R	402	87-025-424-080	RES,M/F 10K 1/6W F	A

# MECHANICAL PARTS LIST - 1/1(TV-A2019)

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
KE		XX		A
		KANRI		
	87-054-086-010		BADGE,AIWA 52.5	A
	8Z-JB5-007-010		BTN,POWER SH	A
	8Z-JB5-010-010		PANEL,REAR SH	A
	8Z-JBR-002-010		CABI,REAR	A
	8Z-JBR-004-010		KEY,MAIN	A
	8Z-JBR-005-010		LENS,RC	A
	8Z-JBR-006-010		LENS,LED	A
	8Z-JBY-001-010		CABI,FR HB	A
	8Z-JBY-003-010		PANEL,MAIN A2019 KE	A
	84-LB3-205-010		SPR-E,EARTH	A
	8Z-JBR-201-010		HLDR,PCB 1	A
	8Z-JBR-205-010		HLDR,PCB 3	A
	8Z-JBS-205-010		W-G,10-20-2	A
	86-LBB-206-010		S-SCREW,ASSY TV5-40 W20	A
	87-067-680-010		BVI T3+3-10	A
	87-067-690-010		TAPPING SCREW, BVIT3+3-12	A
	87-067-758-010		BVT2+3-12 W/O SLOT	A
	87-067-761-010		TAPPING SCREW, BVT2+3-10	A
	87-067-844-010		BVT2+4-16 BLK	A
	87-078-070-010		BVIT3B+4-12	A
	87-A90-332-010		HLDR,SF-2001 HV CABLE	A
	87-JBD-625-010		DGC,20 15 OHM	A
	88-JBJ-605-010		CONN ASSY,5P V DY-420	A
	8Z-JB4-620-010		SPKR,6*12 8OHM 10W	A
	8Z-JBX-602-010		CONN ASSY,4P SP 205-0.5	A
	8Z-JBX-691-010		AC CORD ASSY,KE IND BLK BUSH	A

# MECHANICAL PARTS LIST - 1/1(TV-A2119)

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	XX KANRI NO.	DESCRIPTION	SUFFIX
KE				A
87-054-086-010			BADGE,AIWA 52.5	A
8Z-JB5-007-010			BTN,POWER SH	A
8Z-JB5-010-010			PANEL,REAR SH	A
8Z-JBR-002-010			CABI,REAR	A
8Z-JBR-004-010			KEY,MAIN	A
8Z-JBR-005-010			LENS,ARC	A
8Z-JBR-006-010			LENS,LED	A
8Z-JBX-001-010			CABI,FR HB	A
8Z-JBX-003-010			PANEL,MAIN A2119 KE	A
84-LB3-205-010			SPR-E,EARTH	A
8Z-JBR-201-010			HLDR,PCB 1	A
8Z-JBR-205-010			HLDR,PCB 3	A
86-LBB-206-010			S-SCREW,ASSY TV5-40 W20	A
87-067-680-010			BVI T3+3-10	A
87-067-690-010			TAPPING SCREW, BVIT3+3-12	A
87-067-758-010			BVT2+3-12 W/O SLOT	A
87-067-761-010			TAPPING SCREW, BVT2+3-10	A
87-067-844-010			BVT2+4-16 BLK	A
87-078-070-010			BVIT3B+4-12	A
87-A90-332-010			HLDR,SF-2001 HV CABLE	A
87-JBN-630-010			DGC,21PAL 7JB-22	A
88-JBJ-605-010			CONN ASSY,5P V DY-420	A
8Z-JB4-620-010			SPKR,6*12 8OHM 10W	A
8Z-JBX-602-010			CONN ASSY,4P SP 205-0.5	A
8Z-JBX-691-010			AC CORD ASSY,KE IND BLK BUSH	A

# ACCESSORIES / PACKAGE LIST - 1/1(TV-A2019)

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
		XX		A
		KANRI		
	8Z-JBX-901-010		IB,KE(E) A2119/2019/1419	A
	87-A91-381-010		PLUG,ANT WEV2220-9001C	A
	8Z-JBX-951-010		RC UNIT,RC-ZVT16	A

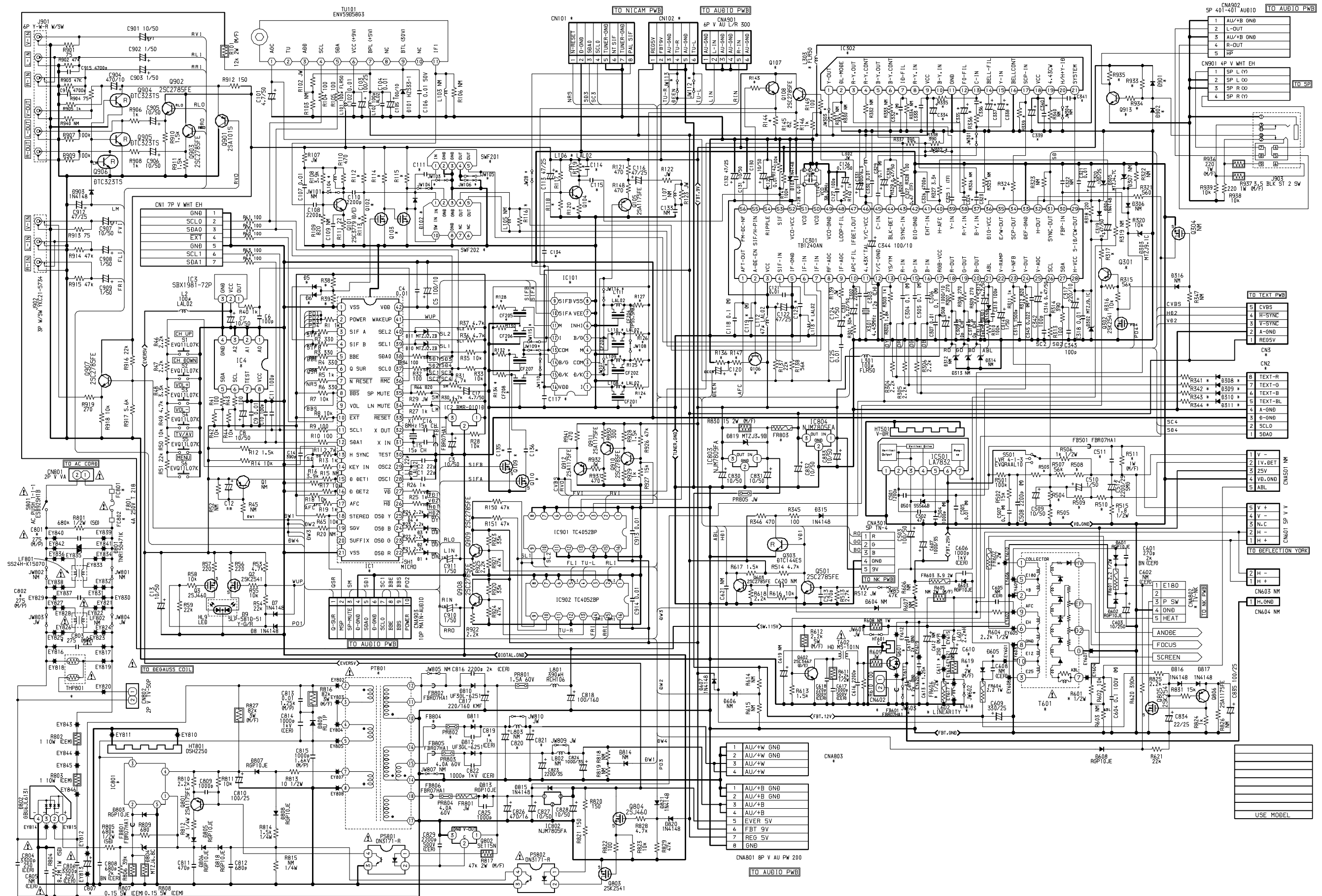


# ACCESSORIES / PACKAGE LIST - 1/1(TV-A2119)

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
		XX		A.....
		KANRI		
	8Z-JBX-901-010		IB,KE(E) A2119/2019/1419	A.....
	87-A91-381-010		PLUG,ANT WEV2220-9001C	A.....
	8Z-JBX-951-010		RC UNIT,RC-ZVT16	A.....

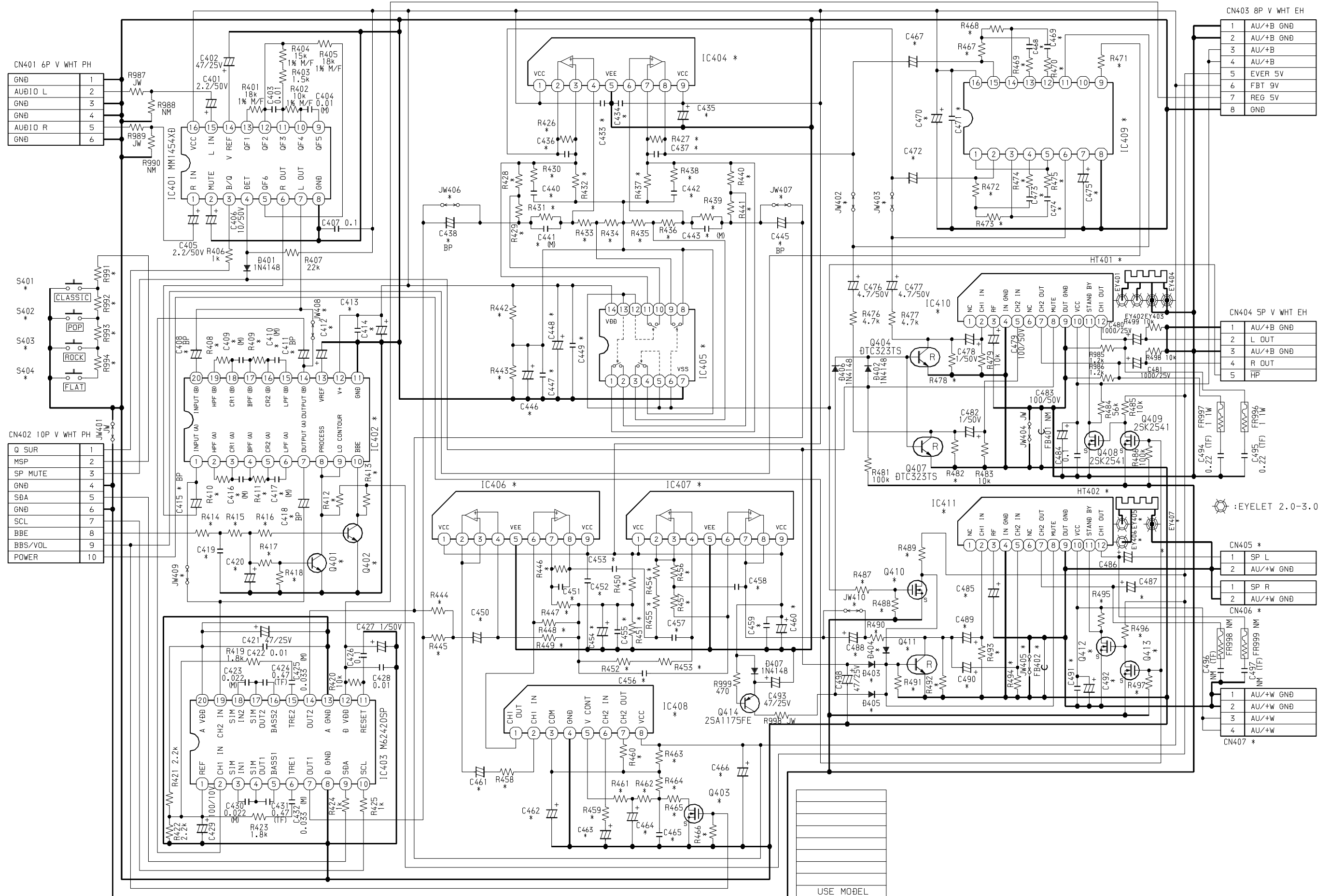
SCHEMATIC DIAGRAM - 1 (MAIN 1/2)



SCHEMATIC DIAGRAM - 1 (MAIN 2/2)

(1) ZJB-30KE	(1) ZJB-31KE	(1) ZJB-32KE
C111 NM	NM	NM
C114 25p	25p	25p
C115 100p	100p	100p
C117 NM	NM	NM
C119 0.01 (M)	0.01 (M)	0.01 (M)
C120 10/50	10/50	10/50
C122 NM	NM	NM
C124 0.01	0.01	0.01
C125 NM	NM	NM
C126 NM	NM	NM
C127 NM	NM	NM
C128 NM	NM	NM
C129 NM	NM	NM
C130 NM	NM	NM
C131 NM	NM	NM
C132 NM	NM	NM
C133 NM	NM	NM
C134 NM	NM	NM
C135 NM	NM	NM
C136 NM	NM	NM
C137 NM	NM	NM
C138 NM	NM	NM
C139 NM	NM	NM
C140 NM	NM	NM
C141 0.056 100V (M)	0.056 100V (M)	0.1 100V (M)
C110 4.7/160	4.7/160	1/7/160
C111 0.56 200 PP	0.56 200 PP	1.5 200 PP
C112 8200p 1.25k (M/P)	8200p 1.25k (M/P)	5600p 1.6k (M/P)
C114 820p 2k BN (CER)	530p 2k BN (CER)	NM
C115 NM	NM	NM
C801 0.22 300V M/P	0.22 300V M/P	0.22 300V M/P
C802 0.22 300V M/P	0.22 300V M/P	0.22 300V M/P
C803 NM	NM	NM
C807 150/420 SMH	150/420 SMH	150/420 SMH
C819 NM	NM	NM
C820 NM	NM	NM
C821 NM	NM	NM
CF201 NM	NM	NM
CF202 NM	NM	NM
CF203 NM	NM	NM
CF204 NM	NM	NM
CF205 NM	NM	NM
CF206 NM	NM	NM
CF207 SF SHS, 5MCR	SF SHS, 5MCR	SF SHS, 5MCR
CF208 NM	NM	NM
CN2 NM	NM	NM
CN1 NM	NM	NM
CN101 NM	NM	NM
CN102 NM	NM	NM
CN602 NM	NM	NM
CVAR02 EP MAIN-NK 20"/21"	EP MAIN-NK 20"/21"	EP MAIN-NK 14"
CVAR03 NM	NM	NM
R1 JW	JW	JW
R2 JW	JW	JW
R3 JW	JW	JW
R4 1N4148	1N4148	1N4148
R5 NM	NM	NM
R6 NM	NM	NM
R102 NM	NM	NM
R108 NM	NM	NM
R209 NM	NM	NM
R310 NM	NM	NM
R311 NM	NM	NM
R605 PGP10JE	PGP10JE	PGP10JE
R811 NM	NM	NM
R901 NM	NM	NM
R902 NM	NM	NM
FV417 NM	NM	NM
FV418 NM	NM	NM
FBB04 NM	NM	NM
FF801 PF5000	PF5000	PF5000
FF802 PF5000	PF5000	PF5000
FR202 2.2k 1/2W	2.2k 1/2W	2.2 1W
FR604 2.2k 1/2W	2.2k 1/2W	NM
FR803 NM	NM	NM
IC1 MPB7CP38N-1C71	MPB7CP38N-1C71	MPB7CP38N-1C71
IC4 KS24C0811	KS24C0811	KS24C0811
IC101 NM	NM	NM
IC202 NM	NM	NM
IC801 STR-F6656	STR-F6656	STR-F6654
JW103 NM	NM	NM
JW104 NM	NM	NM
JW105 NM	NM	NM
JW106 NM	NM	NM
JW107 NM	NM	NM
JW108 NM	NM	NM
JW109 NM	NM	NM
JW110 NM	NM	NM
JW112 NM	NM	NM
JW113 NM	NM	NM
JW114 NM	NM	NM
JW115 NM	NM	NM
JW201 NM	NM	NM
JW202 NM	NM	NM
JW203 NM	NM	NM
JW204 NM	NM	NM
JW205 NM	NM	NM
L104 0.56p LAL02	0.56p LAL02	0.56p LAL02
L106 2p LAL02	2p LAL02	2p LAL02
L108 NM	NM	NM
L109 NM	NM	NM
L110 NM	NM	NM
L111 12p LAL02	12p LAL02	12p LAL02
L113 NM	NM	NM
L303 NM	NM	NM
L602 H.C-ELHS	H.C-ELHS	NM
PR802 NM	NM	NM
PT801 SW ZJB-KE-7 M	SW ZJB-KE-7 M	PT SW ZJB-KE-5 M
Q102 NM	NM	NM
Q103 NM	NM	NM
Q104 2SC2785FE	2SC2785FE	2SC2785FE
Q106 2SC2785FE	2SC2785FE	2SC2785FE
Q107 NM	NM	NM
Q109 NM	NM	NM
Q110 NM	NM	NM
Q201 2SA1175FE	2SA1175FE	2SA1175FE
Q601 2SB2553	2SB2553	2SB2551
Q913 NM	NM	NM
R38 NM	NM	NM
R39 NM	NM	NM
R112 NM	NM	NM
R113 NM	NM	NM
R114 NM	NM	NM
R115 NM	NM	NM
R116 NM	NM	NM
R117 10k	10k	10k
R118 5.3k	5.3k	5.3k
R119 7.2k	7.2k	7.2k
R120 530	530	530
R124 NM	NM	NM
R125 NM	NM	NM
R126 NM	NM	NM
R127 220	220	220
R128 NM	NM	NM
R129 NM	NM	NM
R132 220	220	220
R134 NM	NM	NM
R136 5.3k	5.3k	5.3k
R143 NM	NM	NM
R144 NM	NM	NM
R145 1.5k	1.5k	1.5k
R317 47 1/2W	47 1/2W	47 1/2W
R324 NM	NM	NM
R325 NM	NM	NM
R336 NM	NM	NM
R339 NM	NM	NM
R341 NM	NM	NM
R342 NM	NM	NM
R343 NM	NM	NM
R344 NM	NM	NM
R503 100k	82k	68k
R504 56k	82k	82k
R505 8k	8k	18k
R508 56k	100k	56k
R509 100k	100k	68k
R510 12k	1.8k	1.8k
R511 560 1/2W	560 1/2W	560 1/2W
R601 18k 1/2W	18k 1/2W	24k 1/2W
R619 100 2W (M/F)	100 2W (M/F)	150 2W (M/F)
R819 10k	10k	12k
R943 NM	NM	NM
R944 NM	NM	NM
R945 NM	NM	NM
SW201 NM	NM	NM
SW202 EW-K2959M	EW-K2959M	EW-K2959M
TF01 HF13607	HF13608	HF13609
UHP801 H209-B80-A10	H209-B80-A10	PTH451C27BF300N 270

SCHEMATIC DIAGRAM – 2 (AUDIO 1/2)



CN401 6P V WHT PH

GND	1
AUDIO L	2
GND	3
AUDIO R	4
GND	5
GND	6

S401 \*  
S402 \*  
S403 \*  
S404 \*

CLASSIC	*
POP	*
ROCK	*
FLAT	*

CN402 10P V WHT PH

Q SUR	1
MSP	2
SP MUTE	3
GND	4
SDA	5
GND	6
SCL	7
BBE	8
BBS/VOL	9
POWER	10

CN403 8P V WHT EH

1	AU/+B GND
2	AU/+B GND
3	AU/+B
4	AU/+B
5	EVER 5V
6	FBT 9V
7	REG 5V
8	GND

CN404 5P V WHT EH

1	AU/+B GND
2	L OUT
3	AU/+B GND
4	R OUT
5	HP

CN405 \*

1	SP L
2	AU/+W GND

CN406 \*

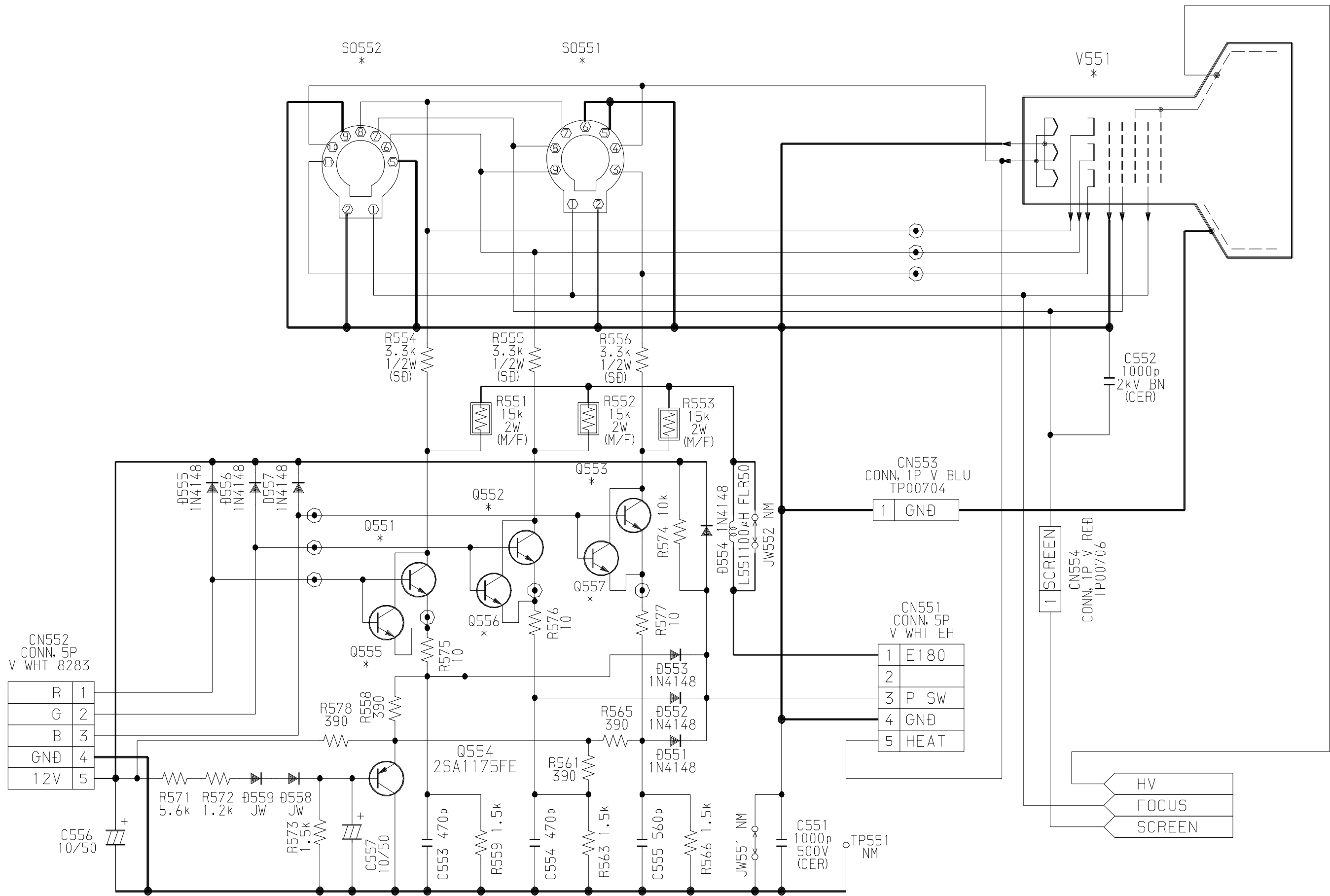
1	SP R
2	AU/+W GND

CN407 \*

1	AU/+W GND
2	AU/+W GND
3	AU/+W
4	AU/+W



SCHEMATIC DIAGRAM – 3 (NK 1/2)



SCHEMATIC DIAGRAM – 3 (NK 2/2)

	(1) ZJB-3/30	(2) ZJB-31	(3) ZJB-32	(4) ZJB-9KE/SH	(5) ZJB-10KE/SH	(6) ZJB-11KE/SH	(7) ZJB-9KER/ZJB-20SHR
Q551	25C2688M/L	25C2688M/L	NM				
Q552	25C2688M/L	25C2688M/L	NM				
Q553	25C2688M/L	25C2688M/L	NM				
Q555	NM	NM	25C3467 (D/E)				
Q556	NM	NM	25C3467 (D/E)				
Q557	NM	NM	25C3467 (D/E)				
SD551	NM	NM	SOCKET, CRT 9P CVT3327 1603	NM	CVT3327	CVT3327	NM
SD552	SOCKET, CRT 9P HPS1521	SOCKET, CRT 9P HPS1521	NM	HPS1521	NM	NM	HPS1521
V551	A51KPD12XX	A48QAD220X	A34LEX10X120N	A51KPD 12XX93 NAWR	A48LRH 93X01 (W)	A34JFQ 90X15 (VW)	A51KPD 12XX93

サービス技術ニュース	
番号	連絡内容
G- -	
G- -	
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**アイワ株式会社**  
**AIWA CO.,LTD.**

9820572

Tokyo Japan