



TV-SA2155_{KE}

SERVICE MANUAL

COLOR TELEVISION

- Replace this Service manual with "Revision Publishing" when it is issued.

aiwa

S/M Code No. 09-003-431-4T1

SIMPLE

DATA

ELECTRICAL MAIN PARTS LIST - 1/6

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

REF.NO	PARTS NO.	DESCRIPTION	SUFFIX	
KEJLCMXX.....	KANRI	A.....	
		NO.		
C	805	87-B10-090-010	BVIT3B+3-12 GOLD	A.....
C	809	87-012-370-010	CAP,CER 3300P-250NS	A.....
C	807	87-018-131-080	CAP, CER 1000P-50V	A.....
C	808	87-A10-646-090	CAP,E 220-400 SMH (25.4*40)	A.....
C	801	87-A10-684-010	CAP,CER 680P-2K K BN DE	A.....
C	802	87-A10-688-090	CAP,M/P 0.22-275 K (B81133)	A.....
C	802	87-A10-688-090	CAP,M/P 0.22-275 K (B81133)	A.....
C	810	87-010-384-080	CAP, ELECT 100-25V	A.....
C	818	87-016-221-090	CAP,E 100-160 M TWSS	A.....
C	811	87-018-127-080	CAP, CER 470P-50V	A.....
C	812	87-018-129-080	CAP, CER 680P-50V	A.....
C	813	87-A10-626-090	CAP,M/P 0.01-1250 J	A.....
C	817	87-A10-731-090	CAP,E 220-160 M KMF	A.....
C	816	87-A10-867-090	CAP,CER 2200P-2K K R	A.....
C	815	87-A11-779-090	CAP,M/P 1000P-1.6K J ECWH(VB)	A.....
C	826	87-010-235-080	CAP,E 470-16 SME	A.....
C	823	87-010-398-090	CAP,E 2200-35V	A.....
C	827	87-010-405-080	CAP, ELECT 10-50V	A.....
C	828	87-010-405-080	CAP, ELECT 10-50V	A.....
C	829	87-A10-469-080	CAP,CER 2200P-500 K B DD10	A.....
C	822	87-A10-832-080	CAP,CER 1000P-1K K R	A.....
C	824	87-A12-082-090	CAP,E 1000-35 SMG	A.....
C	834	87-010-382-080	CAP, ELECT 22-25V	A.....
C	835	87-010-384-080	CAP, ELECT 100-25V	A.....
C	833	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	830	87-010-405-080	CAP, ELECT 10-50V	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-JB9-663-010	CONN ASSY, 8P V AU PW 200	A.....
D	802	87-017-654-060	DIODE, GBU6J	A.....
D	803	87-A40-286-080	DIODE, RGP10JE-5025	A.....
D	805	87-A40-286-080	DIODE, RGP10JE-5025	A.....
D	808	87-A40-286-080	DIODE, RGP10JE-5025	A.....
D	807	87-A40-286-080	DIODE, RGP10JE-5025	A.....
D	806	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	801	87-A90-965-010	VRIS, TNR15G471K	A.....
D	816	87-070-345-080	DIODE, IN4148	A.....
D	815	87-070-345-080	DIODE, IN4148	A.....
D	817	87-070-345-080	DIODE, IN4148	A.....
D	813	87-A40-286-080	DIODE, RGP10JE-5025	A.....
D	818	87-A40-286-080	DIODE, RGP10JE-5025	A.....
D	812	87-A40-354-090	DIODE, UF3GL-6251	A.....
D	810	87-A40-354-090	DIODE, UF3GL-6251	A.....
D	819	87-A40-611-080	ZENER, MTZJ3.9B	A.....
D	821	87-070-345-080	DIODE, IN4148	A.....
D	820	87-070-345-080	DIODE, IN4148	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	803	87-A00-672-090	RES, M/F 68-3W J RSS3L20	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.....
JW	807	87-018-134-080	CAPACITOR, TC-U 0.01-16	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.....
PR	804	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	802	87-A30-041-110	TR, SE115N	A.....
Q	801	87-A30-066-080	TR, 2SA1175FE	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-A30-091-080	FET, 2SJ460	A.....
R	804	87-A00-543-080	RES, SD 8.2M-1W J RCR60	A.....
R	803	87-A00-552-010	RES, CEM 1.0-10W J MPC722	A.....
R	802	87-A00-552-010	RES, CEM 1.0-10W J MPC722	A.....
R	808	87-A00-573-090	RES, CEM 0.33-5W J MPC71	A.....
R	807	87-A00-639-090	RES, CEM 0.15-5W K BPR	A.....

ELECTRICAL MAIN PARTS LIST - 2/6

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-A00-673-090	RES,M/F 82K-5W J RSS5L30	A
R	830	87-A00-077-090	RES,M/F 8.2-3W J	A
S	801	87-A91-410-010	SW,AC PUSH 1-1-1 ESB92SH1B	A
THP	801	87-A90-759-010	POS-THMS,PTH451C272BF300N270	A
C	402	87-010-260-080	CAP, ELECT 47-25V	A
C	408	87-010-367-080	CAP,E 4.7-25 BP	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	415	87-010-367-080	CAP,E 4.7-25 BP	A
C	411	87-010-367-080	CAP,E 4.7-25 BP	A
C	418	87-010-367-080	CAP,E 4.7-25 BP	A
C	412	87-010-405-080	CAP, ELECT 10-50V	A
C	414	87-010-405-080	CAP, ELECT 10-50V	A
C	413	87-A11-148-080	CAP,TC U 0.1-50 Z F	A
C	419	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	420	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	422	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	428	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	435	87-010-260-080	CAP, ELECT 47-25V	A
C	438	87-010-367-080	CAP,E 4.7-25 BP	A
C	437	87-018-119-080	CAP, CER 100P-50V	A
C	436	87-018-119-080	CAP, CER 100P-50V	A
C	433	87-A11-148-080	CAP,TC U 0.1-50 Z F	A
C	434	87-A11-148-080	CAP,TC U 0.1-50 Z F	A
C	446	87-010-101-080	CAP, ELECT 220-16	A
C	445	87-010-367-080	CAP,E 4.7-25 BP	A
C	442	87-A11-147-080	CAP,TC U 0.047-50 Z F	A
C	440	87-A11-147-080	CAP,TC U 0.047-50 Z F	A
C	447	87-A11-148-080	CAP,TC U 0.1-50 Z F	A
C	467	87-010-367-080	CAP,E 4.7-25 BP	A
C	479	87-010-247-080	CAP, ELECT 100-50V	A
C	472	87-010-367-080	CAP,E 4.7-25 BP	A
C	470	87-010-384-080	CAP, ELECT 100-25V	A
C	476	87-010-400-080	CAP, ELECT 0.47-50V	A
C	477	87-010-400-080	CAP, ELECT 0.47-50V	A
C	478	87-010-401-080	CAP, ELECT 1-50V	A
C	475	87-010-406-080	CAP, ELECT 22-50	A
C	471	87-A11-148-080	CAP,TC U 0.1-50 Z F	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	87-010-384-080	CAP, ELECT 100-25V	A
C	498	87-010-402-080	CAP, ELECT 2.2-50V	A
CN	401	87-009-034-010	CONN,6P PH V	A
CN	402	87-009-038-010	CONN,10P PH	A
CN	404	87-009-195-010	CONN,5P B5BEH	A
CN	403	87-099-408-010	CONN,8P EH V WHT	A
D	402	87-070-345-080	DIODE,IN4148	A
D	401	87-070-345-080	DIODE,IN4148	A
D	406	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	409	87-A21-169-010	IC,MM1124B	A
IC	401	87-A21-259-010	IC,MM1454	A
IC	404	87-A21-299-010	IC,LA6458S	A
IC	402	87-A21-345-010	IC,NJM2150	A
IC	410	87-A21-283-010	IC,AN5277	A
Q	401	87-A30-065-080	TR,2SC2785FE	A
Q	402	87-A30-065-080	TR,2SC2785FE	A
Q	409	87-A30-090-080	FET,2SK2541	A
Q	408	87-A30-090-080	FET,2SK2541	A
Q	407	87-A30-121-080	TR,DTC 323 TS	A
Q	404	87-A30-121-080	TR,DTC 323 TS	A
Q	414	87-A30-066-080	TR,2SA1175FE	A
R	404	87-025-380-080	RES,M/F 15K-1/6W F	A
R	405	87-025-381-080	RES,M/F 18K-1/6W F	A
R	401	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
C	904	87-010-221-080	CAP, ELECT 470-10V	A
C	909	87-010-401-080	CAP, ELECT 1-50V	A
C	903	87-010-401-080	CAP, ELECT 1-50V	A
C	902	87-010-401-080	CAP, ELECT 1-50V	A
C	908	87-010-401-080	CAP, ELECT 1-50V	A
C	906	87-010-405-080	CAP, ELECT 10-50V	A

ELECTRICAL MAIN PARTS LIST - 3/6

C	907	87-010-405-080	CAP, ELECT 10-50V	A.....
C	905	87-010-405-080	CAP, ELECT 10-50V	A.....
C	901	87-010-405-080	CAP, ELECT 10-50V	A.....
C	912	87-010-260-080	CAP, ELECT 47-25V	A.....
C	911	87-010-401-080	CAP, ELECT 1-50V	A.....
C	910	87-010-401-080	CAP, ELECT 1-50V	A.....
C	915	87-018-133-080	CAPACITOR,CER 4700P-16V	A.....
C	916	87-018-133-080	CAPACITOR,CER 4700P-16V	A.....
C	913	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	914	87-018-134-080	CAPACITOR,TC-U 0.01-16	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	903	8Z-JB9-661-010	CONN ASSY,10P MAIN-AUDIO	A.....
CNA	901	8Z-JB9-662-010	CONN ASSY,6P V AU L/R 300	A.....
D	903	87-070-345-080	DIODE,IN4148	A.....
IC	902	87-027-666-010	IC,TC4052BP	A.....
IC	901	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	903	87-A30-065-080	TR,2SC2785FE	A.....
Q	902	87-A30-065-080	TR,2SC2785FE	A.....
Q	908	87-A30-065-080	TR,2SC2785FE	A.....
Q	906	87-A30-121-080	TR,DTC 323 TS	A.....
Q	904	87-A30-121-080	TR,DTC 323 TS	A.....
Q	905	87-A30-121-080	TR,DTC 323 TS	A.....
Q	901	89-110-155-080	TR,2SA1015 (0.4W)	A.....
Q	910	87-A30-065-080	TR,2SC2785FE	A.....
Q	912	87-A30-066-080	TR,2SA1175FE	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.....
C	5	87-010-263-080	CAP, ELECT 100-10V	A.....
C	3	87-010-405-080	CAP, ELECT 10-50V	A.....
C	8	87-010-405-080	CAP, ELECT 10-50V	A.....
C	7	87-010-405-080	CAP, ELECT 10-50V	A.....
C	6	87-018-119-080	CAP, CER 100P-50V	A.....
C	9	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	4	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	1	87-018-151-080	CAP, CERA-SOL SS 20P CH	A.....
C	2	87-A11-073-080	CAP,TC U 22P-50 J CH	A.....
C	17	87-010-404-080	CAP, ELECT 4.7-50V	A.....
C	13	87-010-405-080	CAP, ELECT 10-50V	A.....
C	11	87-018-119-080	CAP, CER 100P-50V	A.....
C	10	87-018-119-080	CAP, CER 100P-50V	A.....
C	14	87-018-129-080	CAP, CER 680P-50V	A.....
C	16	87-018-149-080	CAP,TC-U 15P-50 CH	A.....
C	15	87-018-149-080	CAP,TC-U 15P-50 CH	A.....
CN	1	87-099-407-010	CONN,7P EH V WHT	A.....
D	6	87-070-345-080	DIODE,IN4148	A.....
D	5	87-070-345-080	DIODE,IN4148	A.....
D	7	87-070-345-080	DIODE,IN4148	A.....
D	8	87-070-345-080	DIODE,IN4148	A.....
D	9	87-A40-422-010	LED,SLP-581D-51 Y-G/R	A.....
D	10	87-A40-347-080	ZENER,MTZJ2.2B	A.....
D	11	87-A40-347-080	ZENER,MTZJ2.2B	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	4	87-A21-433-010	IC,KS24C041I	A.....
IC	3	87-A91-538-010	RCR UNIT,SBX1981-72P	A.....
IC	1	8A-JEH-651-010	IC,TMP87CP38N	A.....
L	1	87-003-147-080	COIL, 22UH	A.....
L	2	87-003-152-080	COIL, 100UH	A.....
Q	2	87-A30-090-080	FET,2SK2541	A.....
Q	3	87-A30-091-080	FET,2SJ460	A.....
S	2	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	6	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	1	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	4	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	5	87-A90-712-080	SW,TACT EVQ11L07K	A.....
S	3	87-A90-712-080	SW,TACT EVQ11L07K	A.....
X	1	87-030-300-080	VIB,XTAL 8.00MHZ	A.....
C	105	87-010-263-080	CAP, ELECT 100-10V	A.....
C	103	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	102	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	107	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....
C	106	87-A10-207-080	CAP,TCS 0.01-50KBUP050	A.....
C	113	87-010-260-080	CAP, ELECT 47-25V	A.....
C	111	87-018-132-080	CAP, CER 2200P-16V	A.....
C	110	87-018-132-080	CAP, CER 2200P-16V	A.....
C	117	87-018-134-080	CAPACITOR,TC-U 0.01-16	A.....

ELECTRICAL MAIN PARTS LIST - 4/6

C	122	87-010-260-080	CAP, ELECT 47-25V	A
C	124	87-010-401-080	CAP, ELECT 1-50V	A
C	126	87-010-544-080	CAP, ELECT 0.1-50V	A
C	127	87-018-119-080	CAP, CER 100P-50V	A
C	128	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	129	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	125	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	121	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	123	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	132	87-010-260-080	CAP, ELECT 47-25V	A
C	137	87-010-384-080	CAP, ELECT 100-25V	A
C	131	87-010-405-080	CAP, ELECT 10-50V	A
C	130	87-010-405-080	CAP, ELECT 10-50V	A
CF	205	87-008-574-080	FLTR, SFSH4.5MCB	A
CF	204	87-008-577-080	FLTR,TPS5.5MB2	A
CF	202	87-008-578-080	FLTR,TPS6.5MB2	A
CF	201	87-A90-224-080	FLTR,TPS6.0MB	A
CN	102	87-A60-732-010	CONN,6P JL-BT	A
CN	101	87-A60-734-010	CONN,8P JL-BT	A
D	102	87-070-345-080	DIODE,IN4148	A
D	103	87-070-345-080	DIODE,IN4148	A
D	101	87-070-444-080	ZENER,HZS33-1	A
IC	101	87-027-666-010	IC,TC4052BP	A
L	104	87-003-098-080	COIL,2.2UH	A
L	108	87-003-102-080	COIL,10UH	A
L	102	87-003-152-080	COIL,100UH	A
L	109	87-003-282-080	COIL,12UH	A
L	101	87-005-444-080	COIL,100UH,K	A
L	113	87-003-098-080	COIL,2.2UH	A
L	110	87-003-146-080	COIL,15UH LAL02	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	108	87-A30-065-080	TR,2SC2785FE	A
Q	107	87-A30-065-080	TR,2SC2785FE	A
Q	105	87-A30-066-080	TR,2SA1175FE	A
Q	102	87-A30-090-080	FET,2SK2541	A
Q	103	87-A30-090-080	FET,2SK2541	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
R	123	87-010-260-080	CAP, ELECT 47-25V	A
SWF	201	87-A91-515-010	FLTR,SAW TSB5388P	A
SWF	202	87-A91-556-010	FLTR,SAW TSF6364U	A
TU	101	87-A91-495-010	TU UNIT, ENV59D58G3-38.0MHZ	A
C	703	87-010-145-080	C-CAP,S 1P-50 CH	A
C	704	87-010-145-080	C-CAP,S 1P-50 CH	A
C	706	87-010-197-080	CAP,CHIP 0.01 DM	A
C	707	87-010-197-080	CAP,CHIP 0.01 DM	A
C	709	87-010-197-080	CAP,CHIP 0.01 DM	A
C	701	87-010-318-080	C-CAP,S 47P-50 CH	A
C	702	87-010-318-080	C-CAP,S 47P-50 CH	A
C	708	87-010-496-080	CAP,E 3.3-50 5L	A
C	705	87-010-553-080	CAP,E 47-16	A
C	715	87-010-197-080	CAP,CHIP 0.01 DM	A
C	710	87-010-197-080	CAP,CHIP 0.01 DM	A
C	716	87-010-316-080	C-CAP,S 33P-50 CH	A
C	719	87-010-498-080	CAP,E 10-16 GAS	A
C	714	87-010-555-080	CAP,E 100-10 GAS	A
C	728	87-010-197-080	CAP,CHIP 0.01 DM	A
C	726	87-010-197-080	CAP,CHIP 0.01 DM	A
C	725	87-010-197-080	CAP,CHIP 0.01 DM	A
C	724	87-010-494-080	CAP ELECT GAS 1/50	A
C	727	87-010-497-080	CAP,E 4.7-35 5L	A
C	723	87-010-498-080	CAP,E 10-16 GAS	A
C	729	87-010-555-080	CAP,E 100-10 GAS	A
C	720	87-012-157-080	C-CAP,S 330P-50 CH	A
C	733	87-010-183-080	C-CAP,S 2700P-50 B	A
C	732	87-010-189-080	C-CAP,S 8200P-50 B	A
C	730	87-010-321-080	CHIP CAPACITOR,82P(J)	A
C	737	87-010-552-080	CAP,E 22-16 GAS	A
C	731	87-012-140-080	CAP 470P	A
C	734	87-012-142-080	CAP, S 0.33-16	A
C	739	87-012-157-080	C-CAP,S 330P-50 CH	A
C	743	87-010-183-080	C-CAP,S 2700P-50 B	A
C	742	87-010-189-080	C-CAP,S 8200P-50 B	A
C	740	87-010-318-080	C-CAP,S 47P-50 CH	A
C	741	87-012-140-080	CAP 470P	A
C	744	87-012-142-080	CAP, S 0.33-16	A
C	748	87-012-154-080	C-CAP,S 150P-50 CH	A
C	745	87-012-157-080	C-CAP,S 330P-50 CH	A
CN	702	87-A60-720-010	CONN,6P JL-R	A
CN	701	87-A60-722-010	CONN,8P JL-R	A
D	702	87-070-345-080	DIODE,IN4148	A
IC	701	87-A21-261-010	IC,MSP3417D	A
JW	701	87-070-345-080	DIODE,IN4148	A
L	701	87-005-461-080	COIL,1UH J FLR50	A
L	702	87-005-461-080	COIL,1UH J FLR50	A

ELECTRICAL MAIN PARTS LIST - 5/6

L	703	87-005-473-080	COIL,10UH J FLR50	A
L	705	87-005-473-080	COIL,10UH J FLR50	A
L	707	87-005-473-080	COIL,10UH J FLR50	A
L	708	87-005-485-080	COIL,100UH J FLR50	A
Q	711	89-324-122-080	TR,2SC2412K	A
Q	710	89-324-122-080	TR,2SC2412K	A
Q	721	89-324-122-080	TR,2SC2412K	A
Q	731	89-324-122-080	TR,2SC2412K	A
Q	741	89-324-122-080	TR,2SC2412K	A
X	701	87-A70-199-080	VIB,XTAL 18.432MHZ	A
C	308	87-010-385-080	CAP, ELECT 220-25V	A
C	301	87-010-545-080	CAP, ELECT 0.22-50V	A
C	302	87-018-132-080	CAP, CER 2200P-16V	A
C	307	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	309	87-018-147-080	CAP,TC-U 10P-50 CH	A
C	303	87-018-148-080	CAP,TC-U 12P-50 CH	A
C	317	87-010-381-080	CAP, ELECT 330-16V	A
C	319	87-010-400-080	CAP, ELECT 0.47-50V	A
C	316	87-010-400-080	CAP, ELECT 0.47-50V	A
C	314	87-010-401-080	CAP, ELECT 1-50V	A
C	312	87-010-404-080	CAP, ELECT 4.7-50V	A
C	313	87-018-119-080	CAP, CER 100P-50V	A
C	318	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	310	87-018-147-080	CAP,TC-U 10P-50 CH	A
C	311	87-018-147-080	CAP,TC-U 10P-50 CH	A
C	315	87-018-196-080	CAP, CER 1500P-16V	A
C	320	87-010-384-080	CAP, ELECT 100-25V	A
C	328	87-010-400-080	CAP, ELECT 0.47-50V	A
C	321	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	324	87-018-209-080	CAP, CER 0.1-50V	A
C	323	87-018-209-080	CAP, CER 0.1-50V	A
C	334	87-010-263-080	CAP, ELECT 100-10V	A
C	339	87-010-263-080	CAP, ELECT 100-10V	A
C	338	87-010-401-080	CAP, ELECT 1-50V	A
C	337	87-010-401-080	CAP, ELECT 1-50V	A
C	335	87-010-401-080	CAP, ELECT 1-50V	A
C	330	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	336	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	333	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	344	87-010-263-080	CAP, ELECT 100-10V	A
C	340	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
C	341	87-018-134-080	CAPACITOR,TC-U 0.01-16	A
D	301	87-070-345-080	DIODE,IN4148	A
D	304	87-070-345-080	DIODE,IN4148	A
D	302	87-A40-235-080	ZENER,MTZJ9.1C	A
D	303	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
IC	302	87-A21-166-010	IC,TA1275AZ	A
L	301	87-005-444-080	COIL 100UH,K	A
L	303	87-005-444-080	COIL 100UH,K	A
L	302	87-005-474-080	COLL,12UH J FLR50	A
Q	303	87-026-218-080	TR,DTC144ES (0.2W)	A
Q	302	87-A30-090-080	FET,2SK2541	A
Q	301	89-109-504-080	TR,2SA950	A
R	317	87-A00-308-090	RES,M/F 47-3W J RSF(S)	A
X	301	87-A70-054-080	VIB,XTAL 4.43MHZ AQC-1018	A
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	554	87-018-127-080	CAP, CER 470P-50V	A
C	553	87-018-127-080	CAP, CER 470P-50V	A
C	555	87-018-128-080	CAP, CERA-SOL SS 560P	A
CN	551	87-009-195-010	CONN,5P B5BEH	A
CN	552	87-049-590-010	CONN,5P 8283 V WHT	A
CN	554	87-A61-060-080	CONN,1P V RED TP00706	A
CN	553	87-A61-112-080	CONN,1P V BLU TP00704	A
D	557	87-070-345-080	DIODE,IN4148	A
D	555	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	552	87-070-345-080	DIODE,IN4148	A
D	554	87-070-345-080	DIODE,IN4148	A
D	551	87-070-345-080	DIODE,IN4148	A
L	551	87-005-444-080	COIL 100UH,K	A
Q	553	87-A30-005-010	TR,2SC2688M/L	A
Q	552	87-A30-005-010	TR,2SC2688M/L	A
Q	551	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	503	87-010-247-080	CAP, ELECT 100-50V	A
C	509	87-010-405-080	CAP, ELECT 10-50V	A

ELECTRICAL MAIN PARTS LIST - 6/6

C	502	87-018-115-080	CAP, CER 47P-50V	A.....
C	501	87-018-195-080	CAP, CER 1200P-16V	A.....
C	510	87-010-401-080	CAP, ELECT 1-50V	A.....
C	513	87-018-127-080	CAP, CER 470P-50V	A.....
C	512	87-A10-011-090	CAP, E 2200-25 SMG	A.....
C	609	87-010-386-080	CAP, E330-25 SME	A.....
C	607	87-010-397-090	CAP, E 1000-35 SME	A.....
C	606	87-016-515-080	CAP, CER 1000P-1K B	A.....
C	601	87-A10-406-010	CAP, CER 270P-2K K BN DE	A.....
C	603	87-A12-023-080	CAP, E 10-250 M SME	A.....
C	618	87-010-974-080	CAP, CER 220P-500 B	A.....
C	617	87-010-976-080	CAP, CER 1000P-500 B	A.....
C	615	87-012-406-090	CAP, CER 2200P-2K K BN DE	A.....
C	614	87-012-406-090	CAP, CER 2200P-2K K BN DE	A.....
C	610	87-016-217-080	CAP, E 4.7-160	A.....
C	616	87-018-132-080	CAP, CER 2200P-16V	A.....
C	611	87-A10-043-010	CAP, PP 0.56-200 PH	A.....
C	613	87-A10-625-090	CAP, M/P 0.0082-1250 J	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	607	87-070-345-080	DIODE, IN4148	A.....
D	608	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.....
D	601	87-A40-286-080	DIODE, RGP10JE-5025	A.....
D	605	87-A40-794-080	DIODE, EGP20G	A.....
FB	501	87-003-320-080	F-BEAD, FBR07HA121NB	A.....
FB	601	87-003-320-080	F-BEAD, FBR07HA121NB	A.....
FR	603	87-029-150-090	RES, FUSE 3.9-2W J	A.....
FR	606	87-A00-049-060	RES, FUSE 2.2K-1/2WJ R-TYPE	A.....
FR	601	87-A00-063-060	RES, FUSE 2.2-1/2W J R-TYPE	A.....
FR	602	87-A00-419-090	RES, FUSE 1-2W J ERQ2Z	A.....
FR	604	87-A00-486-090	RES, FUSE 1.5-2W J	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	511	87-025-119-090	RES, M/F 560-1W J	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	601	8Z-JBR-605-010	FBT, HFT3607(SAN) 21-C	A.....
		87-A90-332-010	HLDR, SF-2001 HV CABLE	A.....
		87-JBN-630-010	DGC, 21PAL 7JB-22	A.....
		8Z-JB4-695-010	AC CORD SET, EH BLK	A.....
		8Z-JBX-602-010	CONN ASSY, 4P SP 205-0.5	A.....
F	801	87-035-458-010	FUSE, 4A 250V T W/C	A.....
SP	401	8Z-JB4-620-010	SPKR, 6*12 8OHM 10W	A.....
SP	402	8Z-JB4-620-010	SPKR, 6*12 8OHM 10W	A.....
V	551	86-LB2-603-010	CRT, A51LMV10X06N00	A.....

MECHANICAL PARTS LIST - 1/1

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

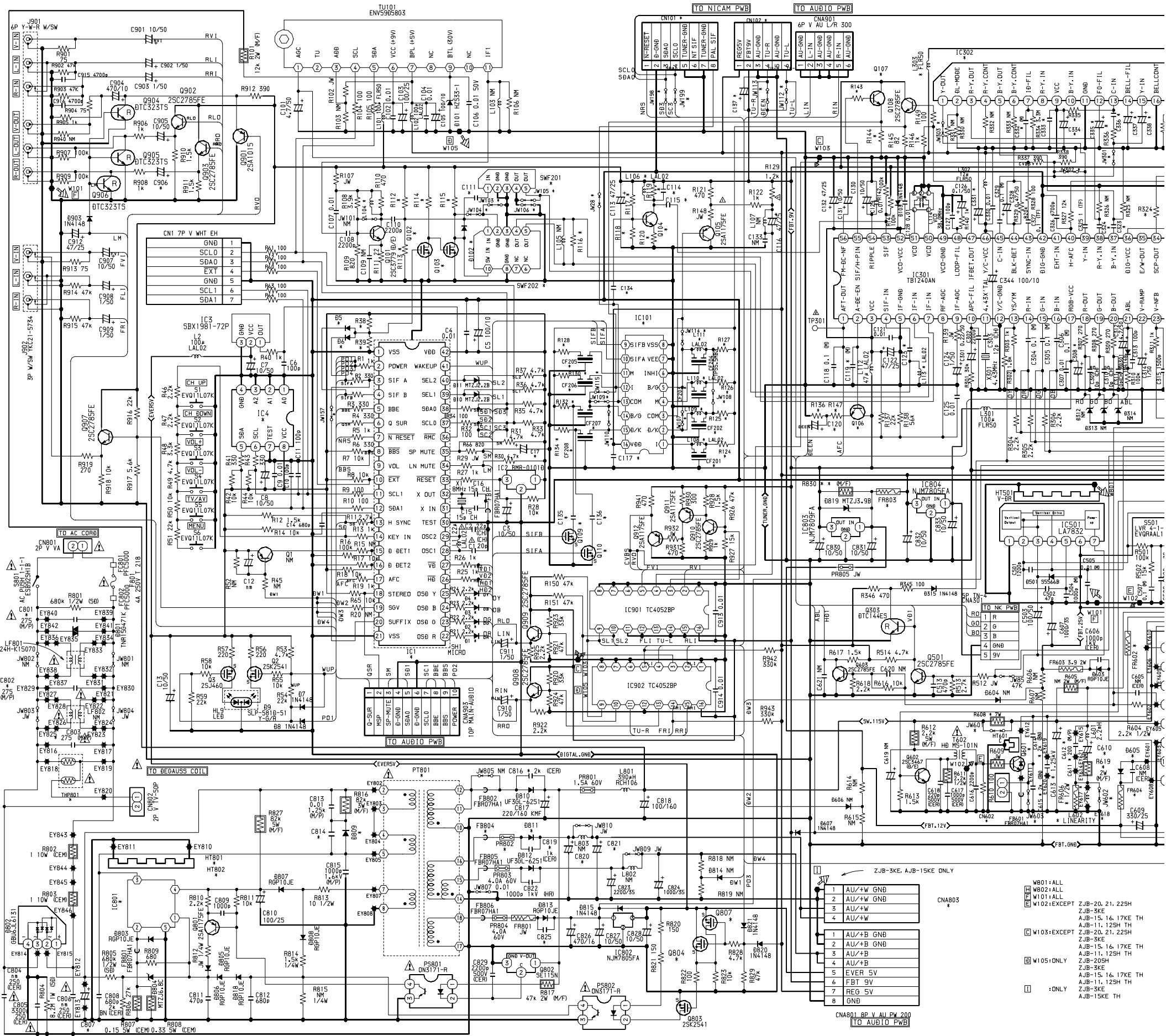
REF.NO	PARTS NO.	XX KANRI NO.	DESCRIPTION	A SUFFIX
KEJLCM		XX		A
87-054-086-010			BADGE, AIWA 52.5	A
8A-JBG-001-010			CABI, FR BL	A
8A-JBG-002-010			PANEL, MAIN SA2155	A
8Z-JB5-007-010			BTN, POWER SH	A
8Z-JB5-010-010			PANEL, REAR SH	A
8Z-JBR-004-010			KEY, MAIN	A
8Z-JBR-005-010			LENS, RC	A
8Z-JBR-006-010			LENS, LED	A
8Z-JBR-012-010			CABI, REAR N	A
8Z-JBR-201-010			HLDR, PCB 1	A
8Z-JBS-204-010			W-PVC, 10-20-1	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-B10-090-010			BVIT3B+3-12 GOLD	A
87-067-579-010			TAPPING SCREW, BVT2+3-8	A
87-067-579-010			TAPPING SCREW, BVT2+3-8	A
87-A90-332-010			HLDR, SF-2001 HV CABLE	A
87-JBN-630-010			DGC, 21PAL 7JB-22	A
8Z-JB4-695-010			AC CORD SET, EH BLK	A
8Z-JBX-602-010			CONN ASSY, 4P SP 205-0.5	A

ACCESSORIES / PACKAGE LIST - 1/1

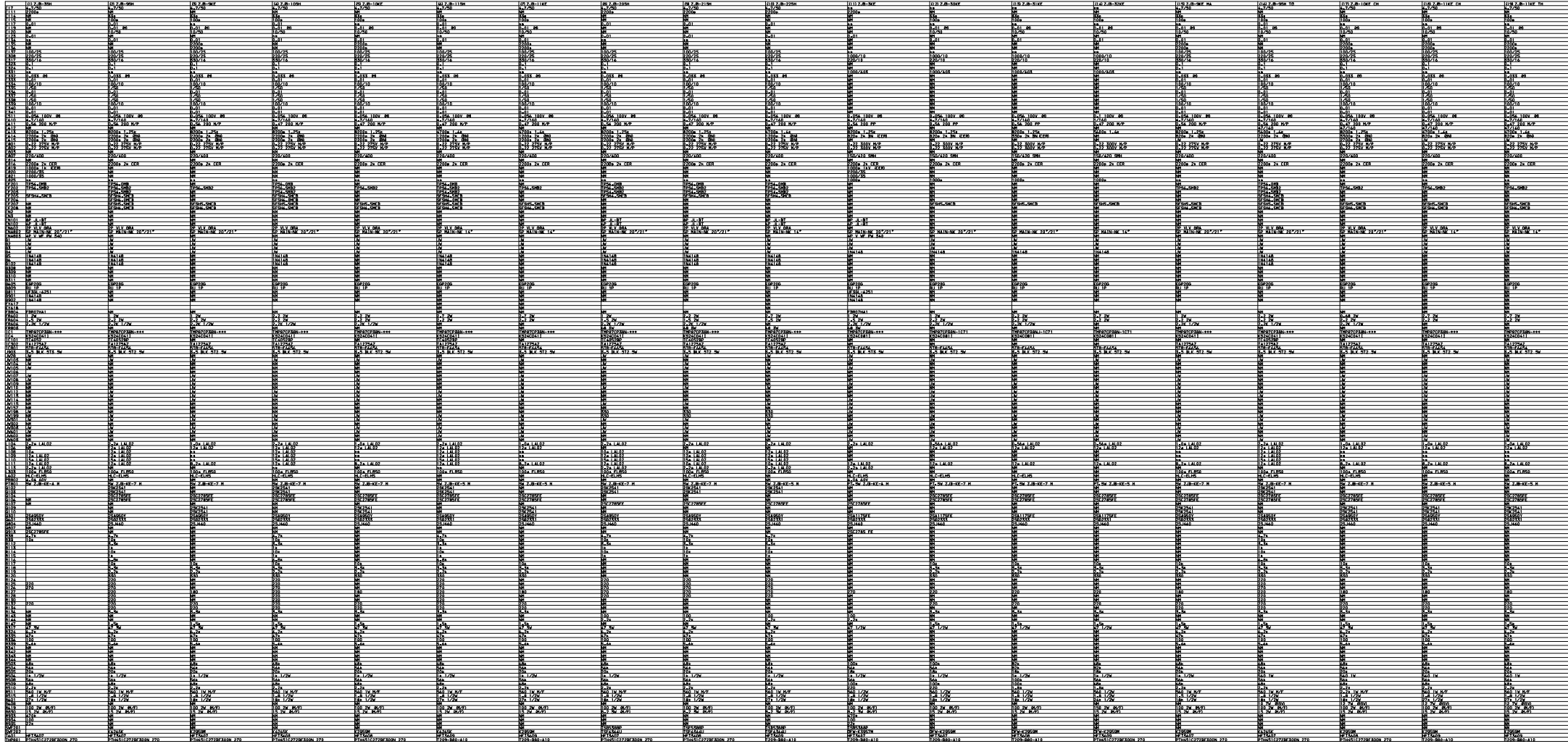
NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
KEJLCM		XX		A
		KANRI		
	8A-JBG-901-010		IB,KE (T) -SA2155/ 2055	A
	86-LB3-610-010		ANT ASSY,TV 5 SEC.(PAL)	A
	8Z-JBL-951-010		RC UNIT,RC-ZVT12	A

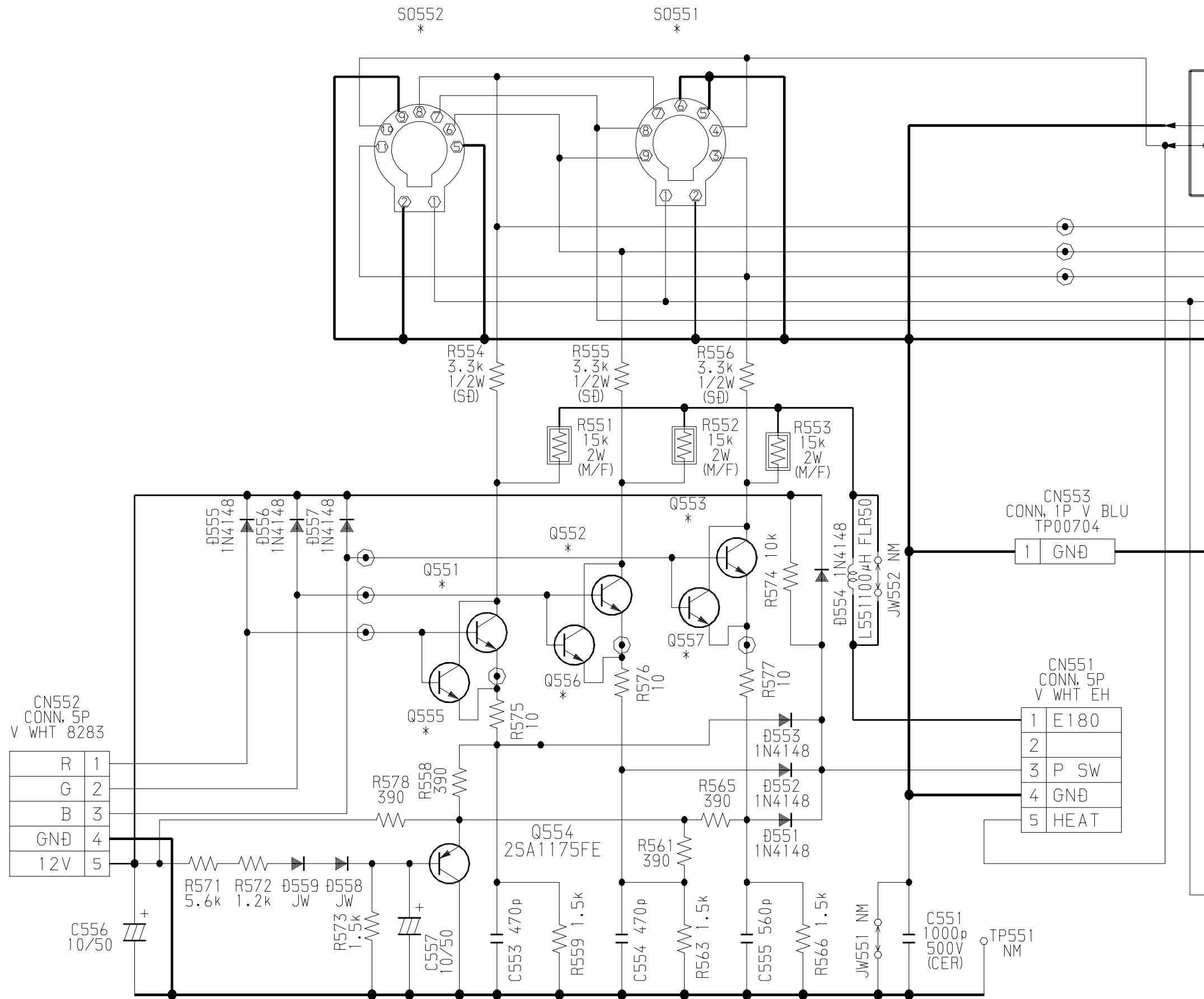
SCHEMATIC DIAGRAM - 1 (MAIN 1/2)



SCHEMATIC DIAGRAM – 1 (MAIN 2/2)



SCHEMATIC DIAGRAM - 2 (NK 1/2)



SCHEMATIC DIAGRAM – 2 (NK 2/2)

(13) ZJB-11KE CH	(14) ZJB-11KE TH	(15) A JB-15/16/19KE TH	(16) A JB-17KE TH	(17) 21 TB-2	(18) 20 CH-2	(19) 20 TH-2	(20) 20 LG-1	(21) 20 LG-2
0551 NM	NM	25C266BM/L	25C266BM/L	25C266BM/L	25C266BM/L	25C266BM/L	25C266BM/L	25C266BM/L
0552 NM	NM	25C266BM/L	25C266BM/L	25C266BM/L	25C266BM/L	25C266BM/L	25C266BM/L	25C266BM/L
0553 NM	NM	25C266BM/L	25C266BM/L	25C266BM/L	25C266BM/L	25C266BM/L	25C266BM/L	25C266BM/L
0555 25C3467 (D/E)	25C3467 (D/E)	NM	NM	NM	NM	NM	NM	NM
0556 25C3467 (D/E)	25C3467 (D/E)	NM	NM	NM	NM	NM	NM	NM
0557 25C3467 (D/E)	25C3467 (D/E)	NM	NM	NM	NM	NM	NM	NM
0551 FV13327	FV13327	FV13327	FV13327	FV13327	FV13327	FV13327	FV13327	FV13327
0552 NM	NM	NM	NM	NM	NM	NM	NM	NM
0551 A24AGY 13X79N	A24JXV 20X10N00	A51LHV 10X41	A48LG5 10X63N00	A51KST 93XX27	A4BAGY 13X67	A48LG5 10X	A4BKUV 220X30	A48QAD 220X02

SCHEMATIC DIAGRAM - 3 (AUDIO 1/2)

CN401 6P V WHT PH

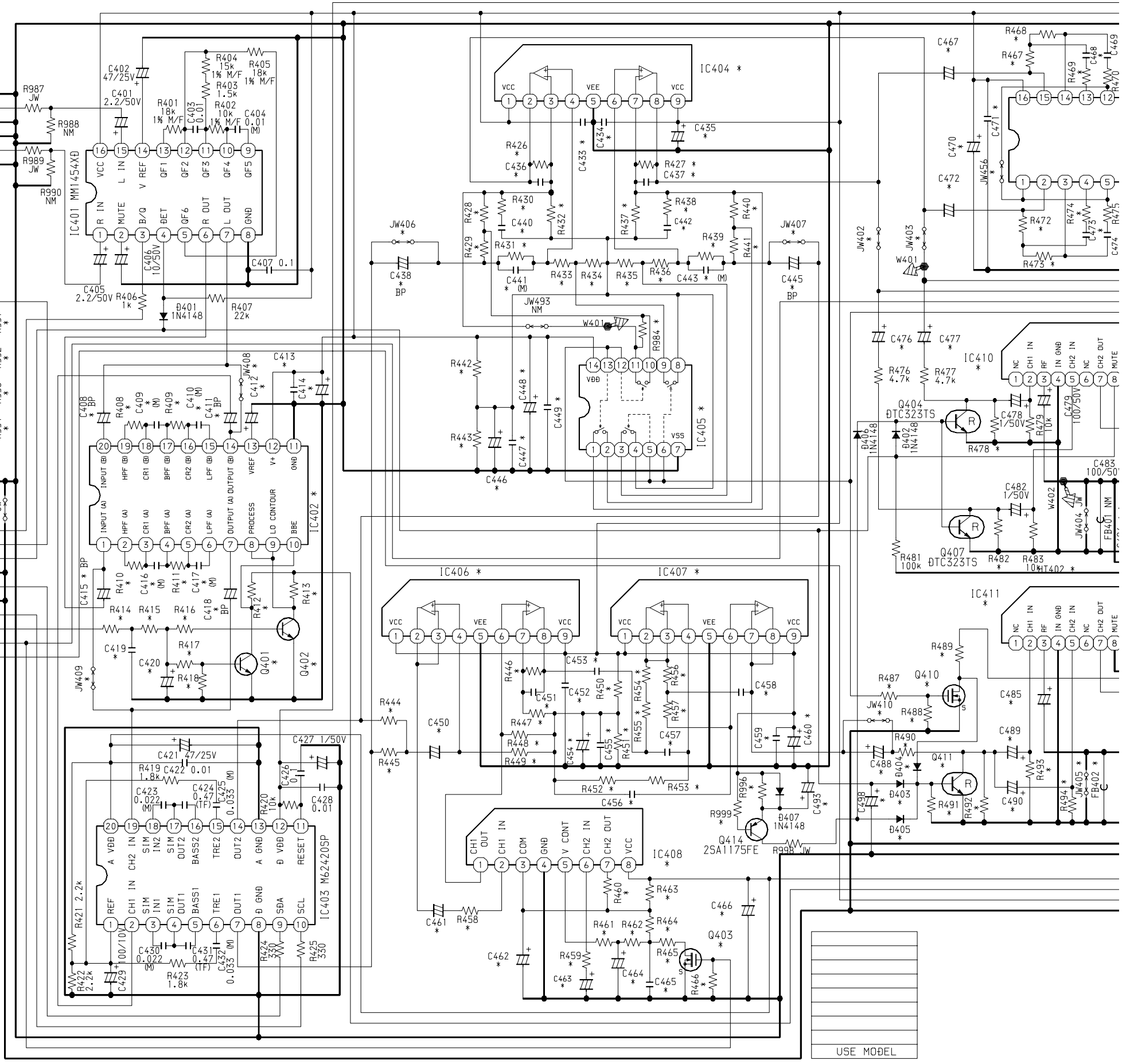
GND	1
AUDIO L	2
GND	3
GND	4
AUDIO R	5
GND	6

S401 *
S402 *
S403 *
S404 *

CLASSIC	
POP	
ROCK	
FLAT	

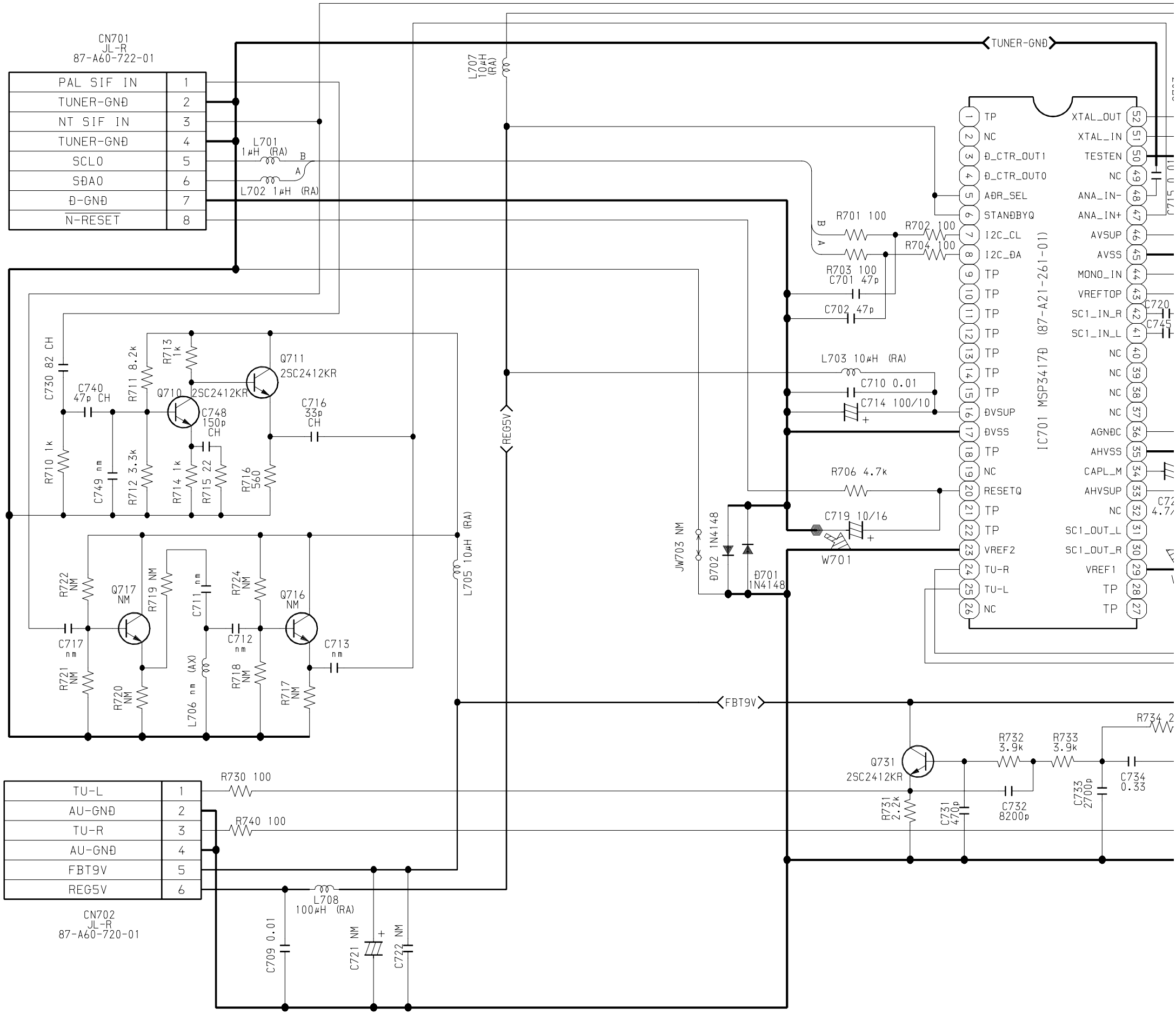
CN402 10P V WHT PH

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



USE MODEL

SCHEMATIC DIAGRAM - 4 (NICAM)



CN701
JL-R
87-A60-722-01

PAL SIF IN	1
TUNER-GND	2
NT SIF IN	3
TUNER-GND	4
SCLO	5
SDAO	6
D-GND	7
N-RESET	8

TU-L	1
AU-GND	2
TU-R	3
AU-GND	4
FBT9V	5
REG5V	6

CN702
JL-R
87-A60-720-01

IC701 MSP3417D (87-A21-261-01)

1	TP	XTAL_OUT
2	NC	XTAL_IN
3	D_CTR_OUT1	TESTEN
4	D_CTR_OUT0	NC
5	ADR_SEL	ANA_IN-
6	STANDBYQ	ANA_IN+
7	I2C_CL	AVSUP
8	I2C_DA	AVSS
9	TP	MONO_IN
10	TP	VREFTOP
11	TP	SC1_IN_R
12	TP	SC1_IN_L
13	TP	NC
14	TP	NC
15	TP	NC
16	TP	DVSUP
17	TP	DVSS
18	TP	AGNDC
19	NC	AHVSS
20	RESETQ	CAPL_M
21	TP	AHVSUP
22	TP	NC
23	VREF2	SC1_OUT_L
24	TU-R	SC1_OUT_R
25	TU-L	VREF1
26	NC	TP
27	TP	TP
28	TP	TP
29	TP	TP
30	TP	TP
31	TP	TP
32	TP	TP
33	TP	TP
34	TP	TP
35	TP	TP
36	TP	TP
37	TP	TP
38	TP	TP
39	TP	TP
40	TP	TP
41	TP	TP
42	TP	TP
43	TP	TP
44	TP	TP
45	TP	TP
46	TP	TP
47	TP	TP
48	TP	TP
49	TP	TP
50	TP	TP
51	TP	TP
52	TP	TP

アイワ株式会社 〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表)
AIWA CO.,LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111