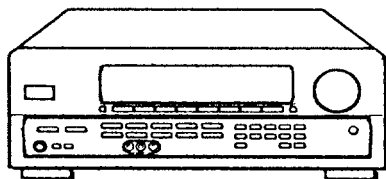


aiwa



AV-DV70
AV-D50
AV-D30
AV-D25



STEREO AV RECEIVER

• TYPE : HC,EZ(70,50,30),
LH(50), U(25)

REVISION PUBLISHING

This Service Manual is the "Revision Publishing" and replaces "Simple Manual"
(S/M Code No. 09-987-289-80I).

S/M Code No. 09-988-289-90I

SERVICE MANUAL

SPECIFICATIONS [AV-DV70]

FM tuner section

Tuning range	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	13.2 dBf
Antenna terminals	75 ohms (unbalanced)

AM tuner section [HC Model]

Tuning range	530 kHz to 1710 kHz (10 kHz step), 531 kHz to 1602 kHz (9 kHz step)
Usable sensitivity	350 μ V/m
Antenna	Loop antenna

MW tuner section [EZ Model]

Tuning range	531 kHz to 1602 kHz (9 kHz step) 530 kHz to 1710 kHz (10 kHz step)
Usable sensitivity	350 μ V/m
Antenna	Loop antenna

LW tuner section [EZ Model]

Tuning range	144 kHz to 290 kHz
Usable sensitivity	1400 μ V/m
Antenna	Loop antenna

Amplifier section

Power output [Stereo Mode]	
[HC Model]	Front
	Rated: 130 W + 130 W (8 ohms, T.H.D. 1%, 1kHz)
	Reference: 160 W + 160 W (8 ohms, T.H.D. 10%, 1 kHz)
	[Dolby Digital Surround or Dolby Pro Logic Mode]
	Front
	Rated: 100 W + 100 W (8 ohms, T.H.D. 1%, 1kHz)
	Reference: 120 W + 120 W (8 ohms, T.H.D. 10%, 1 kHz)
	Rear (Surround)
	Rated: 50 W + 50 W (8 ohms, T.H.D. 1%, 1kHz)
	Reference: 60 W + 60 W (8 ohms, T.H.D. 10%, 1 kHz)
	Center
	Rated: 100 W (8 ohms, T.H.D. 1%, 1kHz)
	Reference: 120 W (8 ohms, T.H.D. 10%, 1 kHz)
Power output [EZ Model]	[Stereo Mode]
	Front
	Rated: 130 W + 130 W (8 ohms, T.H.D. 1%, 1kHz/DIN 45500)
	Reference: 160 W + 160 W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324)
	DIN MUSIC POWER: 190 W + 190 W
	[Dolby Digital Surround or Dolby Pro Logic Mode]
	Front
	Rated: 100 W + 100 W (8 ohms, T.H.D. 1%, 1kHz/DIN 45500)
	Reference: 120 W + 120 W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324)
	DIN MUSIC POWER: 190 W + 190 W
	Rear (Surround)
	Rated: 50 W + 50 W (8 ohms, T.H.D. 1%, 1 kHz/DIN 45500)
	Reference: 70 W + 70 W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324)
	DIN MUSIC POWER: 70 W + 70 W
	Center
	Rated: 100 W (8 ohms, T.H.D. 1%, 1kHz/DIN 45500)
	Reference: 120 W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324)
	DIN MUSIC POWER: 190 W

Total harmonic distortion

	0.08% (85 W, 1 kHz, 8 ohms, Front)
Inputs	AUDIO IN
	PHONO: 2.5 mV, adjustable (47 kohms)
	CD: 250 mV, adjustable (47 kohms)
	TAPE MONITOR: 320 mV (47 kohms)
	VIDEO 1/DVD/MD, VIDEO 2/LD/TV, VIDEO 3, 250 mV, adjustable (47 kohms)
	AUX: 200 mV, adjustable (47 kohms)
	DIGITAL IN
	COAXIAL (VIDEO 2):
	OPTICAL (VIDEO 1):
	accept linear PCM (32 kHz, 44.1 kHz and 48 kHz) signal and bit stream of Dolby Digital Surround
Outputs	AUDIO OUT (REC OUT): 200mV (1 kohm)
	VIDEO OUT (MONITOR): 1 Vp-p (75 ohms)
	SUPER WOOFER: 5.0 V
	FRONT SPEAKERS IMP: 8 Ω /4 Ω selectable (front speakers A and B): with the SPEAKER IMPEDANCE SELECTOR set to 4 Ω , accepts speaker of 4 ohms, with the SPEAKER IMPEDANCE SELECTOR set to 8 Ω , accepts speaker of 8 ohms or more.
	SURROUND SPEAKERS IMP: 8 Ω (surround speakers): accepts speakers of 8 ohms or more.
	CENTER SPEAKER IMP: 8 Ω /4 Ω selectable: with the SPEAKER IMPEDANCE SELECTOR set to 4 Ω , accepts speaker of 4 ohms, with the SPEAKER IMPEDANCE SELECTOR set to 8 Ω , accepts speaker of 8 ohms or more.
	PHONES (stereo jack): accepts headphones of 32 ohms or more
Muting	-20 dB

General [HC Model]

Power requirements	120/220 - 230/240 V AC, switchable, 50/60 Hz
Power consumption	270 W
Dimensions	430 x 155 x 351 mm (W x H x D)
Weight	11.5 kg

General [EZ Model]

Power requirements	230 V AC, 50 Hz
Power consumption	260 W
Dimensions	430 x 155 x 351 mm (W x H x D)
Weight	11.8 kg

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SPECIFICATIONS [AV-D50]

FM tuner section

Tuning range	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	13.2 dBf
Antenna terminals	75 ohms (unbalanced)

AM tuner section [HC, LH Models]

Tuning range	530 kHz to 1710 kHz (10 kHz step), 531 kHz to 1602 kHz (9 kHz step)
Usable sensitivity	350 μ V/m
Antenna	Loop antenna

MW tuner section [EZ Model]

Tuning range	531 kHz to 1602 kHz (9 kHz step) 530 kHz to 1710 kHz (10 kHz step)
Usable sensitivity	350 μ V/m
Antenna	Loop antenna

LW tuner section [EZ Model]

Tuning range	144 kHz to 290 kHz
Usable sensitivity	1400 μ V/m
Antenna	Loop antenna

Amplifier section

Power output [HC Model]	[Stereo Mode] Front Rated: 130 W + 130 W (8 ohms, T.H.D. 1%, 1kHz) Reference: 160 W + 160 W (8 ohms, T.H.D. 10%, 1 kHz) [Dolby Pro Logic or 5.1 CH Mode] Front Rated: 100 W + 100 W (8 ohms, T.H.D. 1%, 1kHz) Reference: 120 W + 120 W (8 ohms, T.H.D. 10%, 1 kHz) Rear (Surround) Rated: 50 W + 50 W (8 ohms, T.H.D. 1%, 1kHz) Reference: 60 W + 60 W (8 ohms, T.H.D. 10%, 1 kHz) Center Rated: 100 W (8 ohms, T.H.D. 1%, 1kHz) Reference: 120 W (8 ohms, T.H.D. 10%, 1 kHz)
Power output [EZ Model]	[Stereo Mode] Front Rated: 130 W + 130 W (8 ohms, T.H.D. 1%, 1kHz/DIN 45500) Reference: 160 W + 160 W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324) DIN MUSIC POWER: 190 W + 190 W [Dolby Pro Logic or 5.1 CH Mode] Front Rated: 100 W + 100 W (8 ohms, T.H.D. 1%, 1kHz/DIN 45500) Reference: 120 W + 120 W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324) DIN MUSIC POWER: 190 W + 190 W Rear (Surround) Rated: 50 W + 50 W (8 ohms, T.H.D. 1%, 1 kHz/DIN 45500) Reference: 70 W + 70 W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324) DIN MUSIC POWER: 70 W + 70 W Center Rated: 100 W (8 ohms, T.H.D. 1%, 1kHz/DIN 45500) Reference: 120 W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324) DIN MUSIC POWER: 190 W

Power output [LH Model]	[Stereo Mode] Front 160 W + 160 W (8 ohms, T.H.D. 10%, 1kHz) [Dolby Pro Logic or 5.1 CH Mode] Front 120 W + 120 W (8 ohms, T.H.D. 10%, 1kHz) Rear (Surround) 60 W + 60 W (8 ohms, T.H.D. 10%, 1 kHz) Center 120 W
Total harmonic distortion	0.08% (85 W, 1 kHz, 8 ohms, Front)
Inputs	AUDIO IN PHONO: 2.5 mV, adjustable (47 kohms) CD: 200 mV, adjustable (47 kohms) TAPE MONITOR: 320 mV (47 kohms) VIDEO 1/DVD/MD, VIDEO 2/LD/TV, VIDEO 3, AUX: 200 mV, adjustable (47 kohms) 5.1 INPUT FRONT, CENTER: 500 mV (47 kohms) SURROUND, SUB-WOOFER: 400 mV (47 kohms) VIDEO IN: 1 Vp-p (75 ohms)
Outputs	AUDIO OUT (REC OUT): 200mV (1 kohm) VIDEO OUT (MONITOR): 1 Vp-p (75 ohms) SUPER WOOFER: 1.2 V FRONT SPEAKERS IMP: 8 Ω /4 Ω selectable (front speakers A and B): with the SPEAKER IMPEDANCE SELECTOR set to 4 Ω , accepts speaker of 4 ohms, with the SPEAKER IMPEDANCE SELECTOR set to 8 Ω , accepts speaker of 8 ohms or more. SURROUND SPEAKERS IMP: 8 Ω (surround speakers): accepts speakers of 8 ohms or more CENTER SPEAKER IMP: 8 Ω /4 Ω selectable: with the SPEAKER IMPEDANCE SELECTOR set to 4 Ω , accepts speaker of 4 ohms, with the SPEAKER IMPEDANCE SELECTOR set to 8 Ω , accepts speaker of 8 ohms or more. PHONES (stereo jack): accepts headphones of 32 ohms or more
Muting	-20 dB

General [HC, LH Models]

Power requirements	120/220 - 230/240 V AC, switchable, 50/60 Hz
Power consumption	270 W
Dimensions	430 x 155 x 351 mm (W x H x D)
Weight	11.5 kg

General [EZ Model]

Power requirements	230 V AC, 50 Hz
Power consumption	260 W
Dimensions	430 x 155 x 351 mm (W x H x D)
Weight	11.8 kg

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SPECIFICATIONS [AV-D30]

FM tuner section

Tuning range	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	13.2 dBf
Antenna terminals	75 ohms (unbalanced)

AM tuner section [HC Model]

Tuning range	530 kHz to 1710 kHz (10 kHz step), 531 kHz to 1602 kHz (9 kHz step)
Usable sensitivity	350 μ V/m
Antenna	Loop antenna

MW tuner section [EZ Model]

Tuning range	531 kHz to 1602 kHz (9 kHz step) 530 kHz to 1710 kHz (10 kHz step)
Usable sensitivity	350 μ V/m
Antenna	Loop antenna

LW tuner section [EZ Model]

Tuning range	144 kHz to 290 kHz
Usable sensitivity	1400 μ V/m
Antenna	Loop antenna

Amplifier section

Power output [HC Model]	[Stereo Mode] Front Rated: 80 W + 80 W (8 ohms, T.H.D. 1%, 1kHz) Reference: 100 W + 100 W (8 ohms, T.H.D. 10%, 1 kHz) [Dolby Pro Logic or 5.1 CH Mode] Front Rated: 60 W + 60 W (8 ohms, T.H.D. 1%, 1kHz) Reference: 75 W + 75 W (8 ohms, T.H.D. 10%, 1 kHz) Rear (Surround) Rated: 30 W + 30 W (8 ohms, T.H.D. 1%, 1kHz) Reference: 37 W + 37 W (8 ohms, T.H.D. 10%, 1 kHz) Center Rated: 60 W (8 ohms, T.H.D. 1%, 1kHz) Reference: 75 W (8 ohms, T.H.D. 10%, 1 kHz)
Power output [EZ Model]	[Stereo Mode] Front Rated: 80 W + 80 W (8 ohms, T.H.D. 1%, 1kHz/DIN 45500) Reference: 100 W + 100 W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324) DIN MUSIC POWER: 130 W + 130 W [Dolby Pro Logic or 5.1 CH Mode] Front Rated: 60 W + 60 W (8 ohms, T.H.D. 1%, 1kHz/DIN 45500) Reference: 70 W + 70 W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324) DIN MUSIC POWER: 130 W + 130 W Rear (Surround) Rated: 30 W + 30 W (8 ohms, T.H.D. 1%, 1 kHz/DIN 45500) Reference: 40 W + 40 W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324) DIN MUSIC POWER: 40 W + 40 W Center Rated: 60 W (8 ohms, T.H.D. 1%, 1kHz/DIN 45500) Reference: 70W (8 ohms, T.H.D. 10%, 1 kHz/DIN 45324) DIN MUSIC POWER: 130 W

Total harmonic distortion

Inputs	0.08% (50 W, 1 kHz, 8 ohms, Front) AUDIO IN PHONO: 2.5 mV, adjustable (47 kohms) CD: 200 mV, adjustable (47 kohms) TAPE MONITOR: 300 mV (47 kohms) VIDEO 1/DVD/MD, VIDEO 2/LD/TV, VIDEO 3, AUX: 200 mV, adjustable (47 kohms) 5.1 INPUT FRONT, CENTER, SUB-WOOFER: 400 mV (47 kohms) SURROUND: 280 mV (47 kohms) VIDEO IN: 1 Vp-p (75 ohms) Outputs AUDIO OUT (REC OUT): 200mV (1 kohm) VIDEO OUT (MONITOR): 1 Vp-p (75 ohms) SUPER WOOFER: 1.2 V FRONT SPEAKERS IMP: 8 Ω (front speakers A and B): accepts speakers of 8 ohms or mote. SURROUND SPEAKERS IMP: 8 Ω (surround speakers): accepts of 8 ohms or more CENTER SPEAKER IMP: 8 Ω : accepts a speakers of 8 ohms or more PHONES (stereo jack): accepts headphones of 32 ohms or more Muting -20 dB
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General [HC Model]

Power requirements	120/220 - 230/240 V AC, switchable, 50/60 Hz
Power consumption	160 W
Dimensions	430 x 155 x 351 mm (W x H x D)
Weight	10.6 kg

General [EZ Model]

Power requirements	230 V AC, 50 Hz
Power consumption	165 W
Dimensions	430 x 155 x 351 mm (W x H x D)
Weight	10.1 kg

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SPECIFICATIONS [AV-D25]

FM tuner section

Tuning range	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	13.2 dBf
Antenna terminals	75 ohms (unbalanced)

AM tuner section

Tuning range	530 kHz to 1710 kHz (10 kHz step), 531 kHz to 1602 kHz (9 kHz step)
Usable sensitivity	350 μ V/m
Antenna	Loop antenna

Amplifier section

Power output	[Stereo Mode]
[HC Model]	Front 65 watts per channel, Min. RMS at 8 ohms, from 40 Hz to 20 kHz, with no more than 0.9% Total Harmonic Distortion [Dolby Pro Logic or 5.1 CH Mode] Front 50 watts per channel, Min. RMS at 8 ohms, from 40 Hz to 20 kHz, with no more than 0.9% Total Harmonic Distortion Rear (Surround) 25 watts per channel, Min. RMS at 8 ohms, from 1 kHz, with no more than 0.9% Total Harmonic Distortion Center 50 watts, Min. RMS at 8 ohms, from 1 kHz, with no more than 0.9% Total Harmonic Dis- tortion

Total harmonic distortion

Inputs	0.08% (40 W, 1 kHz, 8 ohms, Front) AUDIO IN CD: 200 mV, adjustable (47 kohms) TAPE MONITOR: 300 mV (47 kohms) VIDEO 1/DVD/MD, VIDEO 2/LD/TV, VIDEO 3, AUX: 200 mV, adjustable (47 kohms) 5.1 INPUT FRONT, CENTER: 450 mV (47 kohms) SURROUND: 300 mV (47 kohms) SUB-WOOFER: 400 mV (47 kohms) VIDEO IN: 1 Vp-p (75 ohms)
Outputs	AUDIO OUT (REC OUT): 200mV (1 kohm) VIDEO OUT (MONITOR): 1 Vp-p (75 ohms) SUPER WOOFER: 1.2 V FRONT SPEAKERS IMP: 8 Ω (front speakers A and B): accepts speakers of 8 ohms or mote. SURROUND SPEAKERS IMP: 8 Ω (sur- round speakers): accepts of 8 ohms or more CENTER SPEAKER IMP: 8 Ω : accepts a speakers of 8 ohms or more PHONES (stereo jack): accepts headphones of 32 ohms or more
Muting	-20 dB

General

Power requirements	120 V AC, 60 Hz
Power consumption	135 W
Dimensions	430 x 155 x 351 mm (W x H x D) 17 x 6 ¹ / ₈ x 13 ⁷ / ₈ in.)
Weight	9.4 kg (20 lb 12 oz.)

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ELECTRICAL MAIN PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
IC				87-A40-002-080			ZENER,MTZJ5.1C<EXCEPT 70HC,70EZ>
	88-A1-664-010		C-IC,UPD780228GF-027-3BA	87-A40-115-060			DIODE,RS603M
	87-A20-823-010		C-IC,YSS248<70HC,70EZ>	87-A40-469-080			C-DIODE,HSM2838CTR
	87-070-391-040		IC,BA4558F	87-A40-004-080			ZENER,MTZJ16A
	87-A20-824-010		C-IC,CS4226<70HC,70EZ>	87-A40-335-080			ZENER,MTZJ11C T-72
	87-A20-154-010		IC,SPS-444-1	87-A40-344-080			ZENER,MTZJ6.2C
	87-020-903-010		IC,NJM7805FA<70HC,70EZ>	87-A40-224-010			DIODE,GBU8D<EXCEPT 25>
	87-017-022-080		IC,NJM2068M-D(T1)	87-017-654-060			DIODE,GBU6J<25>
	87-020-784-080		IC,TC4053BF	87-070-274-080			DIODE,1N4003 SEM
	87-A20-870-010		IC,GP1F37R<70HC,70EZ>	87-A40-336-080			ZENER,MTZJ27D T-72
	87-A20-560-040		C-IC,M65849BFP	87-A40-347-080			ZENER,MTZJ2.2B
	87-001-604-080		IC,TC74HC04M<70HC,70EZ>	87-A40-274-010			DIODE,FMB-G16L
	87-002-298-080		IC,TC74HC00AF<70HC,70EZ>	87-A40-299-080			ZENER,DZ5.1M<EXCEPT 70HC,70EZ,25>
	87-A20-715-010		IC,M62439SP	87-A40-488-080			DIODE,1SS244
	87-017-726-080		IC,BU4052 BCF	87-017-931-080			ZENER,MTZJ5.6B
	87-A21-011-040		C-IC,M62445FP-600D	87-A40-458-080			ZENER,MTZJ18B<25>
	87-A20-056-010		IC,BA3880S<EXCEPT 30HC,30EZ,25>	87-A40-510-080			ZENER,MTZJ20A<30HC>
	87-017-888-080		IC,NJM4558MD<70HC,50HC,30HC>	87-A40-434-080			ZENER,MTZJ22D<30EZ>
	87-A20-561-040		C-IC,M65847AFP<70HC,50HC,30HC>	87-A40-236-080			ZENER,MTZJ24D<70HC,50HC,50LH>
	86-NFZ-655-010		IC,LC72131D(Z)<EXCEPT 70HC,70EZ,25>	87-A40-499-080			ZENER,MTZJ27B<70EZ,50EZ>
	87-070-127-110		IC,LC72131D<70HC,70EZ,25>	87-A40-348-080			ZENER,MTZJ3.3A<70HC,70EZ>
	87-A20-913-010		IC,LA1837NL	87-A40-438-080			ZENER,MTZJ4.7A
	87-A20-453-010		C-IC,NJW1102B<EXCEPT 70HC,70EZ>	87-A40-234-080			ZENER,MTZJ5.6A
	87-A20-440-040		C-IC,BU1920FS<70EZ,50EZ,30EZ>	87-A40-270-080			C-DIODE,MC2838<70EZ,50EZ,30EZ>
	87-A20-820-010		IC,BA7625				
	87-017-917-080		IC,BU4066BCF	MAIN C.B			
TRANSISTOR				C101	87-010-235-080		CAP,E 470-16 SME
	87-A30-087-080		C-FET,2SK2158	C102	87-010-235-080		CAP,E 470-16 SME
	87-A30-071-080		C-TR,RT1N 144C	C103	87-010-384-080		CAP, ELECT 100-25V
	89-110-372-080		TR,2SA1037K(R)(140MHZ 200MW)	C104	87-016-128-080		CAP,E 22-25 105
	89-213-750-010		TR,2SB1375E(25W)	C105	87-010-247-080		CAP, ELECT 100-50V
	87-026-263-080		C-TR,RN1410	C106	87-010-384-080		CAP, ELECT 100-25V
	87-A30-083-080		TR,CSD1489B	C107	87-010-263-080		CAP, ELECT 100-10V<25>
	87-A30-075-080		C-TR,2SA1235F	C108	87-012-140-080		CAP 470P
	89-112-965-080		TR,2SA1296GR(0.75W)	C109	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-076-080		C-TR,2SC3052F	C110	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-074-080		C-TR,RT1P 141C	C111	87-012-368-080		C-CAP,S 0.1-50 F
	87-026-610-080		TR,KTC3198GR	C112	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-073-080		C-TR,RT1N 141C	△C113	87-016-658-090		CAP,E 4700-35 SMG
	89-213-702-010		TR,2SB1370E(1.8W)	△C114	87-016-658-090		CAP,E 4700-35 SMG
	87-A30-086-070		C-TR,CSD1306E	C115	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-072-080		C-TR,RT1P 144C	C116	87-012-368-080		C-CAP,S 0.1-50 F
	87-026-609-080		TR,KTA1266GR	C117	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-107-070		C-TR,CMBT5401	C118	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-190-080		TR,CC5551	△C119	87-A10-462-090		CAP,E 6800-63 SMG VB<30HC,30EZ,25>
	87-A30-097-010		TR,FN 1016<EXCEPT 25>	△C119	87-A10-416-090		CAP,E 6800-80 SMG VB
	87-A30-137-010		TR,2SD2494<25>	△C120	87-A10-462-090		<EXCEPT 30HC,30EZ,25>
	87-A30-098-010		TR,FP 1016<EXCEPT 25>	△C120	87-A10-416-090		CAP,E 6800-80 SMG VB
	87-A30-138-010		TR,2SB1625<25>				<EXCEPT 30HC,30EZ,25>
	87-A30-106-070		C-TR,CMBT5551	C121	87-010-260-080		CAP, ELECT 47-25V
	87-A30-162-010		FET,2SK2937	C122	87-010-403-080		CAP, ELECT 3.3-50V
	87-026-236-080		TR,DTC124E,K	C123	87-010-384-080		CAP, ELECT 100-25V
	87-026-232-080		TR,DTA144WK	C124	87-010-384-080		CAP, ELECT 100-25V
	87-A30-131-080		TR,2SA965Y	C125	87-A10-417-080		CAP,E 47-63 M SME
	87-026-608-080		C-TR,DTC 123 JK<70HC,70EZ>	C126	87-010-263-080		CAP, ELECT 100-10V
	87-A30-196-080		TR,2SC4115SRS	C127	87-010-197-080		CAP, CHIP 0.01 DM
	89-327-143-080		TR,2SC2714 (0.1W)	C149	87-010-154-080		CAP CHIP 10P
	89-503-602-080		C-FET,2SK360E<70EZ,50EZ,30EZ>	C150	87-010-154-080		CAP CHIP 10P
DIODE				C153	87-010-401-080		CAP, ELECT 1-50V
	87-A40-291-080		DIODE,1N4148M(CPT)	C154	87-010-401-080		CAP, ELECT 1-50V
	87-A40-470-080		DIODE,1SS254	C155	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-A40-345-080		ZENER,MTZJ10C	C156	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-A40-468-080		C-DIODE,HSM2836CTR	C157	87-010-408-080		CAP, ELECT 47-50V
	87-070-136-080		ZENER,MTZJ5.1B	C158	87-010-408-080		CAP, ELECT 47-50V
	87-027-686-080		ZENER,HZ-12A1<EXCEPT 30HC,30EZ,25>	C159	87-010-154-080		CAP CHIP 10P
				C168	87-A10-830-080		C-CAP,S 0.33-16 K
							<EXCEPT 70HC,70EZ>
				C169	87-010-154-080		CAP CHIP 10P

REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
C170	87-010-154-080		CAP CHIP 10P<70HC,70EZ>	C332	87-010-408-080		CAP, ELECT 47-50V
C170	87-012-393-080		C-CAP,S 0.22-16 R K <EXCEPT 70HC,70EZ>	C333	87-010-408-080		CAP, ELECT 47-50V
C171	87-010-196-080		CHIP CAPACITOR,0.1-25	C334	87-A10-918-080		CAP,E 100-16 SMG
C172	87-010-154-080		CAP CHIP 10P	C335	87-A10-918-080		CAP,E 100-16 SMG
				C385	87-010-186-080		CAP,CHIP 4700P
C173	87-010-405-080		CAP, ELECT 10-50V	C391	87-012-368-080		C-CAP,S 0.1-50 F
C174	87-010-401-080		CAP, ELECT 1-50V	C392	87-012-368-080		C-CAP,S 0.1-50 F
C175	87-010-196-080		CHIP CAPACITOR,0.1-25	C393	87-012-368-080		C-CAP,S 0.1-50 F
C203	87-010-179-080		CAP,CHIP S B1200P	C394	87-012-368-080		C-CAP,S 0.1-50 F
C204	87-010-179-080		CAP,CHIP S B1200P	C395	87-010-191-080		C-CAP,S 0.015-50 F<70EZ,50EZ,30EZ>
C205	87-010-406-080		CAP, ELECT 22-50				
C206	87-010-406-080		CAP, ELECT 22-50	C395	87-010-190-080		S CHIP F 0.01 <EXCEPT 70EZ,50EZ,30EZ>
C209	87-010-406-080		CAP, ELECT 22-50				
C210	87-010-406-080		CAP, ELECT 22-50	C396	87-010-191-080		C-CAP,S 0.015-50 F<70EZ,50EZ,30EZ>
C211	87-012-140-080		CAP 470P	C396	87-010-190-080		S CHIP F 0.01 <EXCEPT 70EZ,50EZ,30EZ>
C212	87-012-140-080		CAP 470P				
C215	87-A10-897-080		CAP,E 100-25 BP SME	C397	87-012-368-080		C-CAP,S 0.1-50 F<70EZ,50EZ,30EZ>
C216	87-A10-897-080		CAP,E 100-25 BP SME	C398	87-012-368-080		C-CAP,S 0.1-50 F<70EZ,50EZ,30EZ>
C217	87-A10-516-080		C-CAP,S 100P-200 J CH	C402	87-010-181-080		CAP,CHIP S 1800P
C218	87-A10-516-080		C-CAP,S 100P-200 J CH	C403	87-010-406-080		CAP, ELECT 22-50
				C405	87-010-406-080		CAP, ELECT 22-50<EXCEPT 70HC,70EZ>
C219	87-010-805-080		CAP, S 1-16<EXCEPT 30HC,30EZ,25>	C405	87-010-408-080		CAP, ELECT 47-50V<70HC,70EZ>
C220	87-010-805-080		CAP, S 1-16<EXCEPT 30HC,30EZ,25>	C406	87-012-140-080		CAP 470P
C221	87-010-805-080		CAP, S 1-16	C408	87-A10-897-080		CAP,E 100-25 BP SME
C222	87-010-805-080		CAP, S 1-16	C409	87-A10-516-080		C-CAP,S 100P-200 J CH
C223	87-010-402-080		CAP, ELECT 2.2-50V	C410	87-010-805-080		CAP, S 1-16<EXCEPT 30HC,30EZ,25>
C224	87-010-402-080		CAP, ELECT 2.2-50V				
C225	87-010-196-080		CHIP CAPACITOR,0.1-25	C411	87-010-805-080		CAP, S 1-16
C226	87-010-384-080		CAP, ELECT 100-25V	C412	87-010-402-080		CAP, ELECT 2.2-50V
C227	87-010-178-080		CHIP CAP 1000P	C413	87-010-196-080		CHIP CAPACITOR,0.1-25
C228	87-010-178-080		CHIP CAP 1000P	C414	87-010-178-080		CHIP CAP 1000P
				C485	87-010-186-080		CAP,CHIP 4700P
C229	87-010-384-080		CAP, ELECT 100-25V				
C285	87-010-186-080		CAP,CHIP 4700P	C491	87-012-368-080		C-CAP,S 0.1-50 F
C287	87-010-191-080		C-CAP,S 0.015-50 F <70EZ,50EZ,30EZ>	C492	87-012-368-080		C-CAP,S 0.1-50 F
				C493	87-010-191-080		C-CAP,S 0.015-50 F<70EZ,50EZ,30EZ>
C287	87-010-190-080		S CHIP F 0.01<EXCEPT 70EZ,50EZ,30EZ>	C493	87-010-190-080		S CHIP F 0.01 <EXCEPT 70EZ,50EZ,30EZ>
C288	87-010-191-080		C-CAP,S 0.015-50 F<70EZ,50EZ,30EZ>				
C288	87-010-190-080		S CHIP F 0.01<EXCEPT 70EZ,50EZ,30EZ>	C494	87-012-368-080		C-CAP,S 0.1-50 F<70EZ,50EZ,30EZ>
C289	87-010-191-080		C-CAP,S 0.015-50 F<70EZ,50EZ,30EZ>	C501	87-010-404-080		CAP, ELECT 4.7-50V
C289	87-010-190-080		S CHIP F 0.01<EXCEPT 70EZ,50EZ,30EZ>	C502	87-010-404-080		CAP, ELECT 4.7-50V
C290	87-010-191-080		C-CAP,S 0.015-50 F<70EZ,50EZ,30EZ>	C503	87-012-157-080		C-CAP,S 330P-50 CH
				C504	87-012-157-080		C-CAP,S 330P-50 CH
C290	87-010-190-080		S CHIP F 0.01<EXCEPT 70EZ,50EZ,30EZ>				
C291	87-012-368-080		C-CAP,S 0.1-50 F	C511	87-010-404-080		CAP, ELECT 4.7-50V
C292	87-012-368-080		C-CAP,S 0.1-50 F	C512	87-010-404-080		CAP, ELECT 4.7-50V
C293	87-012-368-080		C-CAP,S 0.1-50 F	C513	87-010-260-080		CAP, ELECT 47-25V
C294	87-012-368-080		C-CAP,S 0.1-50 F	C514	87-010-260-080		CAP, ELECT 47-25V
				C515	87-010-370-080		CAP,E 330-6.3 SME
C295	87-012-368-080		C-CAP,S 0.1-50 F				
C296	87-012-368-080		C-CAP,S 0.1-50 F	C516	87-010-370-080		CAP,E 330-6.3 SME
C297	87-012-368-080		C-CAP,S 0.1-50 F	C517	87-010-196-080		CHIP CAPACITOR,0.1-25
C298	87-012-368-080		C-CAP,S 0.1-50 F	C518	87-010-196-080		CHIP CAPACITOR,0.1-25
C303	87-010-181-080		CAP,CHIP S 1800P	C519	87-010-196-080		CHIP CAPACITOR,0.1-25
				C531	87-010-213-080		C-CAP,S 0.015-50 B
C304	87-010-181-080		CAP,CHIP S 1800P				
C305	87-010-406-080		CAP, ELECT 22-50	C532	87-010-992-080		C-CAP,S 0.047-25 B
C306	87-010-406-080		CAP, ELECT 22-50	C533	87-015-785-080		CHIP CAPACITOR, 0.1FZ-25Z
C309	87-010-406-080		CAP, ELECT 22-50	C535	87-010-404-080		CAP, ELECT 4.7-50V
C310	87-010-406-080		CAP, ELECT 22-50	C536	87-010-404-080		CAP, ELECT 4.7-50V
				C539	87-010-401-080		CAP, ELECT 1-50V
C311	87-012-140-080		CAP 470P				
C312	87-012-140-080		CAP 470P	C540	87-010-401-080		CAP, ELECT 1-50V
C315	87-A10-897-080		CAP,E 100-25 BP SME	C541	87-010-185-080		C-CAP,S 3900P-50 B
C316	87-A10-897-080		CAP,E 100-25 BP SME	C542	87-010-185-080		C-CAP,S 3900P-50 B
C317	87-A10-516-080		C-CAP,S 100P-200 J CH	C547	87-010-404-080		CAP, ELECT 4.7-50V
				C548	87-010-404-080		CAP, ELECT 4.7-50V
C318	87-A10-516-080		C-CAP,S 100P-200 J CH				
C321	87-010-805-080		CAP, S 1-16	C549	87-016-081-080		C-CAP,S 0.1-16 RK
C322	87-010-805-080		CAP, S 1-16	C550	87-016-081-080		C-CAP,S 0.1-16 RK
C323	87-010-402-080		CAP, ELECT 2.2-50V	C554	87-010-196-080		CHIP CAPACITOR,0.1-25
C324	87-010-402-080		CAP, ELECT 2.2-50V	C555	87-010-405-080		CAP, ELECT 10-50V
				C556	87-010-221-080		CAP, ELECT 470-10V
C325	87-010-196-080		CHIP CAPACITOR,0.1-25<EXCEPT 25>				
C327	87-010-178-080		CHIP CAP 1000P<EXCEPT 25>	C557	87-010-263-080		CAP, ELECT 100-10V
C328	87-010-178-080		CHIP CAP 1000P<EXCEPT 25>	C558	87-010-194-080		CAP, CHIP 0.047<50HC,30HC>
C330	87-012-368-080		C-CAP,S 0.1-50 F	C559	87-010-183-080		C-CAP,S 2700P-50 B
C331	87-012-368-080		C-CAP,S 0.1-50 F	C561	87-012-140-080		CAP 470P
				C562	87-012-140-080		CAP 470P

REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
C565	87-010-404-080		CAP, ELECT 4.7-50V	C725	87-010-401-080		CAP, ELECT 1-50V<EXCEPT 70HC,70EZ>
C566	87-010-404-080		CAP, ELECT 4.7-50V	C726	87-010-401-080		CAP, ELECT 1-50V<EXCEPT 70HC,70EZ>
C601	87-010-378-080		CAP, ELECT 10-16V	C745	87-012-368-080		C-CAP,S 0.1-50 F
			<EXCEPT30HC,30EZ,25>	C746	87-012-368-080		C-CAP,S 0.1-50 F<70EZ>
C602	87-010-378-080		CAP, ELECT 10-16V	C750	87-010-196-080		CHIP CAPACITOR,0.125
			<EXCEPT30HC,30EZ,25>				<EXCEPT70HC,70EZ>
C603	87-012-156-080		C-CAP,S 220P-50CH	C901	87-010-406-080		CAP, ELECT 22-50
			<EXCEPT30HC,30EZ,25>	C902	87-010-406-080		CAP, ELECT 22-50
C604	87-012-156-080		C-CAP,S 220P-50CH	C903	87-010-406-080		CAP, ELECT 22-50
			<EXCEPT30HC,30EZ,25>	C904	87-010-406-080		CAP, ELECT 22-50
C605	87-010-405-080		CAP, ELECT 10-50V	C905	87-010-406-080		CAP, ELECT 22-50
C606	87-010-405-080		CAP, ELECT 10-50V	C906	87-010-260-080		CAP, ELECT 47-25V
C607	87-012-140-080		CAP 470P<EXCEPT 30HC,30EZ,25>	C907	87-010-196-080		CHIP CAPACITOR,0.1-25
C608	87-012-140-080		CAP 470P<EXCEPT 30HC,30EZ,25>	C908	87-010-387-080		CAP,E 470-25 SME
C609	87-010-188-080		CAP,CHIP 6800P<EXCEPT 30HC,30EZ,25>	C909	87-010-371-080		CAP, ELECT 470-6.3V
C610	87-010-188-080		CAP,CHIP 6800P<EXCEPT 30HC,30EZ,25>	C910	87-010-371-080		CAP, ELECT 470-6.3V
C611	87-010-197-080		CAP, CHIP 0.01 DM	C911	87-010-371-080		CAP, ELECT 470-6.3V
			<EXCEPT30HC,30EZ,25>	C912	87-015-785-080		CHIP CAPACITOR, 0.1FZ-25Z
C612	87-010-195-080		C-CAP,S 0.068-25F	C913	87-010-196-080		CHIP CAPACITOR,0.1-25
			<EXCEPT30HC,30EZ,25>	C914	87-010-196-080		CHIP CAPACITOR,0.1-25
C613	87-010-195-080		C-CAP,S 0.068-25F	C951	87-010-322-080		C-CAP,S 100P-50 CH<70EZ,50EZ,30EZ>
			<EXCEPT30HC,30EZ,25>	C952	87-010-322-080		C-CAP,S 100P-50 CH<70EZ,50EZ,30EZ>
C614	87-010-197-080		CAP, CHIP 0.01 DM	C953	87-010-322-080		C-CAP,S 100P-50 CH<70EZ,50EZ,30EZ>
			<EXCEPT30HC,30EZ,25>	C954	87-010-322-080		C-CAP,S 100P-50 CH<70EZ,50EZ,30EZ>
C615	87-010-404-080		CAP, ELECT 4.750V	CN501	87-A60-044-010		CONN,27P V 9604S-27C<50LH,25>
			<EXCEPT30HC,30EZ,25>				
C616	87-010-404-080		CAP, ELECT 4.750V	CN501	87-A60-552-010		CONN,34P V 9604S-34C
			<EXCEPT30HC,30EZ,25>				<EXCEPT 50LH,25>
C617	87-010-404-080		CAP, ELECT 4.750V	CN502	87-A60-059-010		CONN,08P V 9604S-08C<70HC,70EZ>
			<EXCEPT30HC,30EZ,25>	CN503	87-A60-057-010		CONN,11P V 9604S-11C
C618	87-010-404-080		CAP, ELECT 4.750V	CN504	87-099-568-010		CONN,11P TUC-P11P-B1
			<EXCEPT30HC,30EZ,25>				<EXCEPT70HC,70EZ>
C619	87-010-404-080		CAP, ELECT 4.750V	CN504	87-099-572-010		CONN,15P TUC-P15P-B1<70HC,70EZ>
			<EXCEPT30HC,30EZ,25>	CN505	87-099-570-010		CONN,13P TUC-P13P-B1
C620	87-010-101-080		CAP, ELECT 220-16				<EXCEPT70HC,70EZ>
			<EXCEPT30HC,30EZ,25>	CN505	87-099-572-010		CONN,15P TUC-P15P-B1<70HC,70EZ>
C621	87-010-260-080		CAP, ELECT 47-25V	CN506	87-A60-063-010		CONN,04P V 9604S-04C
			<EXCEPT30HC,30EZ,25>				<70EZ,50EZ,30EZ>
C652	87-010-196-080		CHIP CAPACITOR,0.1-25	CN901	87-009-030-010		CONNECTOR 2P PH M
			<70HC,50HC,30HC>	CNA102	88-AR1-661-010		CONN ASSY,5P
				FFC101	88-AR1-642-010		F-CABLE,9P -2.5
C653	87-012-154-080		C-CAP,S 150P-50 CH<70HC,50HC,30HC>	FFC501	88-AR1-644-010		FF-CABLE, 27P 1.25 400MM<50LH,25>
C654	87-010-183-080		C-CAP,S 2700P-50 B<70HC,50HC,30HC>	FFC501	88-AR1-645-010		FF-CABLE, 34P 1.25 400MM
C655	87-010-196-080		CHIP CAPACITOR,0.1-25				<EXCEPT 50LH,25>
			<70HC,50HC,30HC>	FFC502	88-AR1-646-010		FF-CABLE, 8P 1.25 340MM<70HC,70EZ>
C656	87-012-154-080		C-CAP,S 150P-50 CH<70HC,50HC,30HC>	FFC503	88-911-161-110		FF-CABLE,11P 1.25
C657	87-010-183-080		C-CAP,S 2700P-50 B<70HC,50HC,30HC>	FFC506	88-904-181-110		FF-CABLE,4P 1.25<70EZ,50EZ,30EZ>
C658	87-012-145-080		CAP, CHIP S 270P CH<70HC,50HC,30HC>	J201	87-A60-199-010		TERMINAL,SP 8P CJ-9034-07 V0
C659	87-010-177-080		C-CAP,S 820P-50 SL<70HC,50HC,30HC>	J301	87-A60-200-110		TERMINAL,SP 6P CJ-9033
C660	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC>	J501	87-099-609-010		JACK,PIN 4P KM EARTH
C661	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC>	J502	87-099-609-010		JACK,PIN 4P KM EARTH
C670	87-012-145-080		CAP, CHIP S 270P CH<70HC,50HC,30HC>	J715	87-A60-244-010		JACK,PIN 1P BLK
C671	87-010-177-080		C-CAP,S 820P-50 SL<70HC,50HC,30HC>	J750	87-A60-660-010		JACK,PIN 6P W/R,W/R, B/O(G)
C672	87-010-196-080		CHIP CAPACITOR,0.1-25				<EXCEPT 70HC,70EZ>
			<70HC,50HC,30HC>	J901	87-099-911-010		JACK,PIN 3P YEL
C674	87-010-196-080		CHIP CAPACITOR,0.1-25	J902	87-099-912-010		JACK,PIN 3P YEL W/E
			<70HC,50HC,30HC>				
C675	87-010-263-080		CAP, ELECT 100-10V<70HC,50HC,30HC>	J903	87-099-911-010		JACK,PIN 3P YEL
C676	87-010-374-080		CAP, ELECT 47-10V<70HC,50HC,30HC>	J904	87-099-911-010		JACK,PIN 3P YEL
C677	87-016-460-080		C-CAP,S 0.22-16 B<70HC,50HC,30HC>	J905	87-099-911-010		JACK,PIN 3P YEL
C678	87-016-460-080		C-CAP,S 0.22-16 B<70HC,50HC,30HC>	L291	87-003-383-010		COIL,1UH-S
				L292	87-003-383-010		COIL,1UH-S
C679	87-016-460-080		C-CAP,S 0.22-16 B<70HC,50HC,30HC>	L293	87-003-383-010		COIL,1UH-S
C701	87-010-196-080		CHIP CAPACITOR,0.1-25	L294	87-003-383-010		COIL,1UH-S
C702	87-010-196-080		CHIP CAPACITOR,0.1-25	L391	87-003-383-010		COIL,1UH-S
C720	87-010-196-080		CHIP CAPACITOR,0.125	L392	87-003-383-010		COIL,1UH-S
			<EXCEPT70HC,70EZ>	L491	87-003-383-010		COIL,1UH-S
C721	87-010-401-080		CAP, ELECT 1-50V<EXCEPT 70HC,70EZ>	L501	87-A50-091-080		COIL 220UH (CECS)<70EZ,50EZ,30EZ>
C722	87-010-260-080		CAP, ELECT 47-25V<EXCEPT 70HC,70EZ>	L502	87-A50-091-080		COIL 220UH (CECS)<70EZ,50EZ,30EZ>
C723	87-010-401-080		CAP, ELECT 1-50V<EXCEPT 70HC,70EZ>	L901	87-003-152-080		COIL, 100UH
C724	87-010-196-080		CHIP CAPACITOR,0.125	PIN501	86-NFZ-222-010		PIN,DIA1-6.5<70HC,70EZ>
			<EXCEPT70HC,70EZ>	PR101	87-026-691-080		FUSE,10A 125V 251<25>

REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
△PR101	87-026-682-080		PROTECTOR,10A 60V491<EXCEPT 25>	TH301	87-A90-221-080		C-THMS,100K<EXCEPT 50LH,25>
△PR104	87-026-691-080		FUSE,10A 125V 251<25>	TH302	87-A90-221-080		C-THMS,100K<EXCEPT 50LH,25>
△PR104	87-026-682-080		PROTECTOR,10A 60V491<EXCEPT 25>	TH401	87-A90-221-080		C-THMS,100K<EXCEPT 50LH,25>
△PR107	87-026-682-080		PROTECTOR,10A 60V491<EXCEPT 30HC,30EZ,25>	WH101	87-A90-510-010		HLDR,WIRE 2.5-9P
△PR108	87-026-682-080		PROTECTOR,10A 60V491<EXCEPT 30HC,30EZ,25>	FRONT C.B			
△PR115	87-A90-195-080		PROTECTOR 7A 125V 49<EXCEPT 30HC,30EZ,25>	C103	87-010-196-080		CHIP CAPACITOR,0.1-25
△PR116	87-A90-195-080		PROTECTOR 7A 125V 49<EXCEPT 30HC,30EZ,25>	C104	87-010-178-080		CHIP CAP 1000P
				C105	87-012-156-080		C-CAP,S 220P-50 CH
				C106	87-010-196-080		CHIP CAPACITOR,0.1-25
				C107	87-010-316-080		C-CAP,S 33P-50 CH
△PR201	87-026-691-080		FUSE,10A 125V 251<25>	C108	87-010-318-080		C-CAP,S 47P-50 CH
△PR201	87-026-682-080		PROTECTOR,10A 60V491<EXCEPT 25>	C109	87-010-312-080		C-CAP,S 15P-50 CH
△PR202	87-026-691-080		FUSE,10A 125V 251<25>	C110	87-010-198-080		CAP, CHIP 0.022
△PR202	87-026-682-080		PROTECTOR,10A 60V491<EXCEPT 25>	C111	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,50HC,30HC>
				C112	87-010-196-080		CHIP CAPACITOR,0.1-25
△PR301	87-026-682-080		PROTECTOR,10A 60V491<EXCEPT 25>	C113	87-010-178-080		CHIP CAP 1000P
△PR302	87-026-682-080		PROTECTOR,10A 60V491<EXCEPT 25>	C114	87-010-196-080		CHIP CAPACITOR,0.1-25
△PR303	87-026-690-080		FUSE,5A 125V 251<25>	C115	87-010-196-080		CHIP CAPACITOR,0.1-25
△PR304	87-026-690-080		FUSE,5A 125V 251<25>	C116	87-015-695-040		E/CAP 1UF 50V TAPG
△PR401	87-026-691-080		FUSE,10A 125V 251<25>	C117	87-A10-189-040		CAP,E 220-10
△PR401	87-026-682-080		PROTECTOR,10A 60V491<EXCEPT 25>	C118	87-010-196-080		CHIP CAPACITOR,0.1-25
△PR402	87-026-691-080		FUSE,10A 125V 251<25>	C119	87-010-264-040		CAP,E 100-10 5L
△PR402	87-026-682-080		PROTECTOR,10A 60V491<EXCEPT 25>	C120	87-012-368-080		C-CAP,S 0.1-50 F
R109	87-029-060-080		RES,FUSE 33-1/4 W	C121	87-010-408-040		CAP,E 47-50 SME
R143	87-A00-261-080		RES,M/F 0.56-1W J<25>	C122	87-015-699-040		CAP,E 10-50 7L
R176	87-A00-401-050		RES,M/F 390-1W J VTP	C123	87-015-699-040		CAP,E 10-50 7L
R179	87-A00-402-050		RES,M/F 560-1W J VTP	C126	87-015-699-040		CAP,E 10-50 7L
R180	87-A00-403-080		RES,M/F 560-1W J T52L25.5	C127	87-015-695-040		E/CAP 1UF 50V TAPG
R231	87-A00-262-080		RES,M/F 0.15-2W J<30HC,30EZ,25>	C136	87-012-157-080		C-CAP,S 330P-50 CH
R231	87-A00-418-010		RES,M/F 0.15-3W J	C137	87-012-157-080		C-CAP,S 330P-50 CH
				C138	87-012-157-080		C-CAP,S 330P-50 CH
				C139	87-012-157-080		C-CAP,S 330P-50 CH
R232	87-A00-262-080		RES,M/F 0.15-2W J<30HC,30EZ,25>	C140	87-012-157-080		C-CAP,S 330P-50 CH
R232	87-A00-418-010		RES,M/F 0.15-3W J	C141	87-012-157-080		C-CAP,S 330P-50 CH
				C142	87-012-157-080		C-CAP,S 330P-50 CH
R233	87-A00-262-080		RES,M/F 0.15-2W J<30HC,30EZ,25>	C143	87-012-157-080		C-CAP,S 330P-50 CH
				C144	87-012-157-080		C-CAP,S 330P-50 CH
R233	87-A00-418-010		RES,M/F 0.15-3W J	C150	87-012-368-080		C-CAP,S 0.1-50 F
				C155	87-012-368-080		C-CAP,S 0.1-50 F<EXCEPT 25>
R234	87-A00-262-080		RES,M/F 0.15-2W J<30HC,30EZ,25>	C155	87-010-196-080		CHIP CAPACITOR,0.1-25<25>
R234	87-A00-418-010		RES,M/F 0.15-3W J	C350	87-016-526-080		C-CAP,S 0.47-16 BK
				C351	87-016-526-080		C-CAP,S 0.47-16 BK
R281	87-A00-126-080		RES M/F 220-1/WJ VIP	C352	87-016-526-080		C-CAP,S 0.47-16 BK
				C353	87-016-526-080		C-CAP,S 0.47-16 BK
R281	87-A00-373-050		RES,M/F 270-1W J VTP<30HC,30EZ,25>	C380	87-010-178-080		CHIP CAP 1000P<70HC,50HC,30HC>
R282	87-A00-126-080		RES M/F 220-1/WJ VIP	C381	87-010-186-080		CAP,CHIP 4700P
				CN101	87-A60-044-010		CONN,27P V 9604S-27C<50LH,25>
R282	87-A00-373-050		RES,M/F 270-1W J VTP<30HC,30EZ,25>	CN102	87-A60-552-010		CONN,34P V 9604S-34C<EXCEPT 50LH,25>
R283	87-A00-126-080		RES M/F 220-1/WJ VIP	CN102	87-A60-059-010		CONN,08P V 9604S-08C<70HC,70EZ>
R283	87-A00-373-050		RES,M/F 270-1W J VTP<30HC,30EZ,25>	CN103	87-A60-076-010		CONN,12P H 9604S-12F
R284	87-A00-126-080		RES M/F 220-1/WJ VIP				
R284	87-A00-373-050		RES,M/F 270-1W J VTP<30HC,30EZ,25>				
R331	87-A00-257-080		RES,M/F 0.15-1W J				
R332	87-A00-257-080		RES,M/F 0.15-1W J				
R333	87-A00-257-080		RES,M/F 0.15-1W J				
R334	87-A00-257-080		RES,M/F 0.15-1W J				
R416	87-A00-262-080		RES,M/F 0.15-2W J<30HC,30EZ,25>				
R416	87-A00-418-010		RES,M/F 0.15-3W J				
R417	87-A00-262-080		RES,M/F 0.15-2W J<30HC,30EZ,25>				
R417	87-A00-418-010		RES,M/F 0.15-3W J				
RY101	87-A90-454-010		RELAY,12V DJ12D2-O(M)				
RY102	87-A90-454-010		RELAY,12V DJ12D2-O(M)				
S101	86-SP8-611-010		SW,SL 1-1-2<EXCEPT 30HC,30EZ,25>				
S291	87-A90-174-010		SW,PUSH 2-2-2				
S292	87-A90-174-010		SW,PUSH 2-2-2				
TH201	87-A90-221-080		C-THMS,100K<EXCEPT 50LH,25>				
TH202	87-A90-221-080		C-THMS,100K<EXCEPT 50LH,25>				

REF. NO	PART NO.	KANRI NO.	DESCRIPTION
LED362	87-A40-380-080		LED,SEL6510C-TP5 GRN
LED363	87-A40-380-080		LED,SEL6510C-TP5 GRN
LED364	87-A40-380-080		LED,SEL6510C-TP5 GRN
LED365	87-A40-380-080		LED,SEL6510C-TP5 GRN
S401	87-A90-095-080		SW,TACT EVQ11G04M
S402	87-A90-095-080		SW,TACT EVQ11G04M
S403	87-A90-095-080		SW,TACT EVQ11G04M
S404	87-A90-095-080		SW,TACT EVQ11G04M
S405	87-A90-095-080		SW,TACT EVQ11G04M
S406	87-A90-095-080		SW,TACT EVQ11G04M
S407	87-A90-095-080		SW,TACT EVQ11G04M
S408	87-A90-095-080		SW,TACT EVQ11G04M
S409	87-A90-095-080		SW,TACT EVQ11G04M
S410	87-A90-095-080		SW,TACT EVQ11G04M
S411	87-A90-095-080		SW,TACT EVQ11G04M
S412	87-A90-095-080		SW,TACT EVQ11G04M
S413	87-A90-095-080		SW,TACT EVQ11G04M
S414	87-A90-095-080		SW,TACT EVQ11G04M
S421	87-A90-095-080		SW,TACT EVQ11G04M
S422	87-A90-095-080		SW,TACT EVQ11G04M
S423	87-A90-095-080		SW,TACT EVQ11G04M
S424	87-A90-095-080		SW,TACT EVQ11G04M
S425	87-A90-095-080		SW,TACT EVQ11G04M
S426	87-A90-095-080		SW,TACT EVQ11G04M
S427	87-A90-095-080		SW,TACT EVQ11G04M
S428	87-A90-095-080		SW,TACT EVQ11G04M
S429	87-A90-095-080		SW,TACT EVQ11G04M
S430	87-A90-095-080		SW,TACT EVQ11G04M
S433	87-A90-095-080		SW,TACT EVQ11G04M<70HC,50HC,30HC>
S434	87-A90-095-080		SW,TACT EVQ11G04M<70HC,50HC,30HC>
S441	87-A90-095-080		SW,TACT EVQ11G04M
S442	87-A90-095-080		SW,TACT EVQ11G04M
S443	87-A90-095-080		SW,TACT EVQ11G04M
S444	87-A90-095-080		SW,TACT EVQ11G04M
S445	87-A90-095-080		SW,TACT EVQ11G04M
S446	87-A90-095-080		SW,TACT EVQ11G04M
S447	87-A90-095-080		SW,TACT EVQ11G04M
S449	87-A90-095-080		SW,TACT EVQ11G04M
S450	87-A90-095-080		SW,TACT EVQ11G04M
S451	87-A90-095-080		SW,TACT EVQ11G04M
S452	87-A90-095-080		SW,TACT EVQ11G04M<EXCEPT 50LH,25>
S453	87-A90-095-080		SW,TACT EVQ11G04M<EXCEPT 50LH,25>
S454	87-A90-095-080		SW,TACT EVQ11G04M<EXCEPT 50LH,25>
SW101	87-A90-535-010		SW,RTYR EC16B24304
X101	87-A70-075-080		VIB,CER 4.19MHZ CRHF
SW C.B			
C603	87-010-560-040		CAP,E 10-50 GAS<70HC,50HC,30HC>
C604	87-A10-189-040		CAP,E 220-10<70HC,50HC,30HC>
C605	87-010-491-040		CAP,E 0.22-50 GAS<70HC,50HC,30HC>
C606	87-010-322-080		C-CAP,S 100P-50 CH<70HC,50HC,30HC>
C607	87-010-321-080		CHIP CAPACITOR,82P(J)
C608	87-010-196-080		<70HC,50HC,30HC> CHIP CAPACITOR,0.1-25
C609	87-010-186-080		CAP,CHIP 4700P<70HC,50HC,30HC>
C610	87-010-188-080		CAP,CHIP 6800P<70HC,50HC,30HC>
C611	87-010-322-080		C-CAP,S 100P-50 CH<70HC,50HC,30HC>
C612	87-010-177-080		C-CAP,S 820P-50 SL<70HC,50HC,30HC>
C613	87-010-560-040		CAP,E 10-50 GAS<70HC,50HC,30HC>
C614	87-010-552-040		CAP,E 22-16 GAS<70HC,50HC,30HC>
CN104	87-A60-076-010		CONN,12P H 9604S-12F
CN104	87-099-757-010		<EXCEPT 70HC,50HC,30HC> CONN,16P 9604S F<70HC,50HC,30HC>
S431	87-A90-095-080		SW,TACT EVQ11G04M
S432	87-A90-095-080		SW,TACT EVQ11G04M
S448	87-A90-095-080		SW,TACT EVQ11G04M

JACK C.B

REF. NO	PART NO.	KANRI NO.	DESCRIPTION
C501	87-018-209-080		CAP, CER 0.1-50V
C502	87-018-209-080		CAP, CER 0.1-50V
C503	87-018-209-080		CAP, CER 0.1-50V
C504	87-010-188-080		CAP,CHIP 6800P
C505	87-010-188-080		CAP,CHIP 6800P
C601	87-010-196-080		CHIP CAPACITOR,0.1-25 <70HC,50HC,30HC>
C602	87-018-209-080		CAP, CER 0.1-50V
C651	87-010-178-080		CHIP CAP 1000P<70EZ,50EZ,30EZ>
C652	87-010-178-080		CHIP CAP 1000P<70EZ,50EZ,30EZ>
FB501	87-008-372-080		FILTER, EMI BL OIRNI
FB601	87-008-372-080		FILTER, EMI BL OIRNI <70HC,50HC,30HC>
FB602	87-008-372-080		FILTER, EMI BL OIRNI
J501	87-A60-606-010		JACK,PIN 3P R/W/Y W/O SW H
J601	87-A60-188-010		JACK,6.3 BLK MONO W/SW MIC <70HC,50HC,30HC>
J602	87-A60-188-010		JACK,6.3 BLK MONO W/SW MIC <70HC,50HC,30HC>
J603	87-A60-550-010		JACK,DIA6.3 BLK ST W/SW KM
TUNER C.B			
C701	87-010-260-080		CAP, ELECT 47-25V
C702	87-010-404-080		CAP, ELECT 4.7-50V
C703	87-012-286-080		CAP, U 0.01-25
C704	87-012-286-080		CAP, U 0.01-25
C709	87-012-195-080		C-CAP,U 100P-50CH
C711	87-010-263-080		CAP, ELECT 100-10V
C712	87-010-196-080		CHIP CAPACITOR,0.1-25
C713	87-012-286-080		CAP, U 0.01-25
C714	87-012-286-080		CAP, U 0.01-25
C715	87-012-195-080		C-CAP,U 100P-50CH<70EZ,50EZ,30EZ>
C717	87-012-286-080		CAP, U 0.01-25
C719	87-012-286-080		CAP, U 0.01-25
C720	87-012-195-080		C-CAP,U 100P-50CH<70EZ,50EZ,30EZ>
C721	87-012-176-080		CAP 15P
C722	87-012-176-080		CAP 15P
C723	87-012-274-080		CHIP CAP,U 1000P-50B
C725	87-012-274-080		CHIP CAP,U 1000P-50B
C727	87-010-196-080		CHIP CAPACITOR,0.1-25
C728	87-010-248-080		CAP, ELECT 220-10V
C753	87-012-195-080		C-CAP,U 100P-50CH<70EZ,50EZ,30EZ>
C755	87-012-286-080		CAP, U 0.01-25
C756	87-012-286-080		CAP, U 0.01-25
C757	87-012-188-080		C-CAP,U 47P-50 CH
C758	87-012-167-080		C-CAP,U 5P-50 CH
C761	87-010-196-080		CHIP CAPACITOR,0.1-25
C762	87-012-286-080		CAP, U 0.01-25<70EZ,50EZ,30EZ>
C763	87-010-829-080		CAP, U 0.047-16
C764	87-012-337-080		C-CAP,U 56P-50 CH <EXCEPT 70EZ,50EZ,30EZ>
C765	87-012-286-080		CAP, U 0.01-25
C766	87-012-286-080		CAP, U 0.01-25
C768	87-012-286-080		CAP, U 0.01-25<70EZ,50EZ,30EZ>
C769	87-010-260-080		CAP, ELECT 47-25V
C770	87-010-829-080		CAP, U 0.047-16
C771	87-010-383-080		CAP, ELECT 33-25V
C772	87-010-829-080		CAP, U 0.047-16
C773	87-015-785-080		CHIP CAPACITOR, 0.1FZ-25Z <70EZ,50EZ,30EZ>
C773	87-010-196-080		CHIP CAPACITOR,0.1-25 <EXCEPT 70EZ,50EZ,30EZ>
C774	87-010-263-080		CAP, ELECT 100-10V
C775	87-010-404-080		CAP, ELECT 4.7-50V
C776	87-012-286-080		CAP, U 0.01-25
C777	87-010-400-080		CAP, ELECT 0.47-50V
C778	87-010-401-080		CAP, ELECT 1-50V
C779	87-010-401-080		CAP, ELECT 1-50V
C780	87-010-196-080		CHIP CAPACITOR,0.1-25

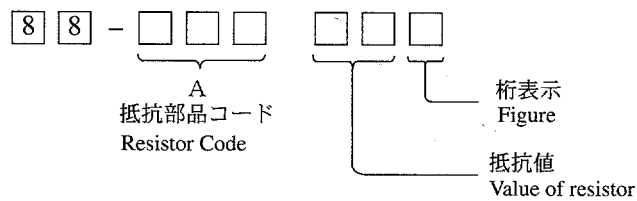
REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
C781	87-010-405-080		CAP, ELECT 10-50V	CN601	87-099-028-010		CONN,11P 6216 H
C782	87-010-405-080		CAP, ELECT 10-50V	CN602	87-099-211-010		CONN,4P 6216V<70EZ,50EZ,30EZ>
C783	87-012-286-080		CAP, U 0.01-25	FFE801	A8-6ZA-191-130		6ZA-1 FEENM<70EZ,50EZ,30EZ>
C784	87-012-286-080		CAP, U 0.01-25	FFE801	A8-8ZA-190-030		8ZA-1 FEUNM<EXCEPT 70EZ,50EZ,30EZ>
C785	87-010-805-080		CAP, S 1-16	J801	87-A60-657-010		TERMINAL,4P HSP-154V5-02
C786	87-010-805-080		CAP, S 1-16				<EXCEPT 70EZ,50EZ,30EZ>
C787	87-012-280-080		CAP, U 3300P-50	J802	87-033-241-010		TERMINAL,ANT AJ-2039<70EZ,50EZ,30EZ>
			<EXCEPT 70EZ,50EZ,30EZ>	L771	87-A50-266-010		COIL,FM DET-2N(TOK)
C787	87-012-282-080		CAP, U 4700P-50<70EZ,50EZ,30EZ>	L772	87-A90-733-010		FLTR,PCFAZH-450 (TOK)
C788	87-012-280-080		CAP, U 3300P-50	L781	87-005-847-080		COIL,2.2UH(CECS)
			<EXCEPT 70EZ,50EZ,30EZ>	L791	87-A50-027-010		COIL,1 POLE MPX(TOK)<EXCEPT 50LH,25>
C788	87-012-282-080		CAP, U 4700P-50<70EZ,50EZ,30EZ>	L791	87-A50-209-010		COIL,1POLE MPX(MIT)<50LH,25>
C789	87-012-275-080		C-CAP,U 1200P-50 B	L792	87-A50-027-010		COIL,1 POLE MPX(TOK)<EXCEPT 50LH,25>
C790	87-012-275-080		C-CAP,U 1200P-50 B	L792	87-A50-209-010		COIL,1POLE MPX(MIT)<50LH,25>
C791	87-010-405-080		CAP, ELECT 10-50V	L832	87-005-847-080		COIL,2.2UH(CECS)
C793	87-012-273-080		C-CAP,U 820P-50 B	L851	87-005-847-080		COIL,2.2UH(CECS)<70EZ,50EZ,30EZ>
			<EXCEPT 70EZ,50EZ,30EZ>	L941	87-A50-020-010		COIL,ANT LW(COI)<70EZ,50EZ,30EZ>
C793	87-012-276-080		CAP, CHIP SS 1500P BK<70EZ,50EZ,30EZ>	L942	87-A50-019-010		COIL,OSC LW(COI)<70EZ,50EZ,30EZ>
C794	87-010-406-080		CAP, ELECT 22-50	L981	87-NF4-650-010		COIL,AM PACK 4N(TOK)
C795	87-010-596-080		CAP, S 0.047-16				<EXCEPT 70EZ,50EZ,30EZ>
			<EXCEPT 70EZ,50EZ,30EZ>	L981	87-NF4-651-010		COIL,AM PACK2N(TOM)<70EZ,50EZ,30EZ>
C795	87-010-829-080		CAP, U 0.047-16<70EZ,50EZ,30EZ>	TC942	87-011-164-010		CAPACITOR,TRIMMER 30P<70EZ,50EZ,30EZ>
C796	87-010-403-080		CAP, ELECT 3.3-50V	X721	87-A70-061-010		VIB,XTAL 4.500MHZ CSA-309
C797	87-012-278-080		C-CAP,U 2200P-50 B<50LH,25>	X851	87-A70-091-010		VIB,XTAL 4.332MHZ CSA-309
C797	87-012-276-080		CAP, CHIP SS 1500P BK<EXCEPT 50LH,25>				<70EZ,50EZ,30EZ>
C798	87-012-278-080		C-CAP,U 2200P-50 B<50LH,25>	PROLOGIC C.B			
C798	87-012-276-080		CAP, CHIP SS 1500P BK<EXCEPT 50LH,25>	C750	87-010-196-080		CHIP CAPACITOR,0.1-25
C799	87-010-829-080		CAP, U 0.047-16				<EXCEPT 70HC,70EZ>
C812	87-012-286-080		CAP, U 0.01-25	C751	87-010-193-080		CHIP CAPACITOR,0.033
C813	87-010-197-080		CAP, CHIP 0.01 DM				<EXCEPT 70HC,70EZ>
			<EXCEPT 70EZ,50EZ,30EZ>	C752	87-010-993-080		C-CAP,S 0.056-25 B
C814	87-012-286-080		CAP, U 0.01-25				<EXCEPT 70HC,70EZ>
C818	87-010-197-080		CAP, CHIP 0.01 DM<70EZ,50EZ,30EZ>	C753	87-010-196-080		CHIP CAPACITOR,0.1-25
C819	87-010-197-080		CAP, CHIP 0.01 DM				<EXCEPT 70HC,70EZ>
			<EXCEPT 70EZ,50EZ,30EZ>	C754	87-010-196-080		CHIP CAPACITOR,0.1-25
C820	87-010-260-080		CAP, ELECT 47-25V				<EXCEPT 70HC,70EZ>
C821	87-012-286-080		CAP, U 0.01-25	C755	87-010-196-080		CHIP CAPACITOR,0.1-25
C822	87-012-286-080		CAP, U 0.01-25				<EXCEPT 70HC,70EZ>
C823	87-012-286-080		CAP, U 0.01-25	C756	87-010-402-080		CHIP CAPACITOR,0.1-25
C828	87-010-196-080		CHIP CAPACITOR,0.1-25				<EXCEPT 70HC,70EZ>
C829	87-010-196-080		CHIP CAPACITOR,0.1-25	C801	87-010-176-080		CAP, ELECT 2.2-50V<EXCEPT 70HC,70EZ>
C859	87-012-286-080		CAP, U 0.01-25<70EZ,50EZ,30EZ>	C802	87-010-176-080		C-CAP,S 680P-50 SL<EXCEPT 70HC,70EZ>
C861	87-012-199-080		CAP 220P<70EZ,50EZ,30EZ>				C-CAP,S 680P-50 SL<EXCEPT 70HC,70EZ>
C862	87-012-199-080		CAP 220P<70EZ,50EZ,30EZ>	C807	87-010-405-080		CAP, ELECT 10-50V<EXCEPT 70HC,70EZ>
C863	87-012-270-080		CAP, U 470P-50<70EZ,50EZ,30EZ>	C808	87-010-405-080		CAP, ELECT 10-50V<EXCEPT 70HC,70EZ>
			<EXCEPT 70EZ,50EZ,30EZ>	C809	87-016-456-080		CAP,E 22-16 LLA<EXCEPT 70HC,70EZ>
C864	87-010-405-080		CAP, ELECT 10-50V<70EZ,50EZ,30EZ>	C810	87-010-178-080		CHIP CAP 1000P<EXCEPT 70HC,70EZ>
C865	87-010-196-080		CHIP CAPACITOR,0.1-25<70EZ,50EZ,30EZ>	C811	87-010-380-080		CAP, ELECT 47-16V<EXCEPT 70HC,70EZ>
C866	87-010-405-080		CAP, ELECT 10-50V<70EZ,50EZ,30EZ>				<EXCEPT 70HC,70EZ>
C867	87-012-286-080		CAP, U 0.01-25<70EZ,50EZ,30EZ>	C813	87-016-472-080		CAP,E 22-16 SME(K)<EXCEPT 70HC,70EZ>
C868	87-012-184-080		C-CAP,U 33P-50 CH<70EZ,50EZ,30EZ>	C814	87-010-196-080		CHIP CAPACITOR,0.1-25
			<EXCEPT 70EZ,50EZ,30EZ>				<EXCEPT 70HC,70EZ>
C869	87-012-180-080		C-CAP,U 22P-50 CH<70EZ,50EZ,30EZ>	C815	87-010-112-080		CAP, ELECT 100-16V<EXCEPT 70HC,70EZ>
C940	87-012-286-080		CAP, U 0.01-25<70EZ,50EZ,30EZ>	C816	87-010-263-080		CAP, ELECT 100-10V<EXCEPT 70HC,70EZ>
C942	87-012-172-080		CAPACITOR CHIP U 10P CH				<EXCEPT 70HC,70EZ>
			<70EZ,50EZ,30EZ>	C817	87-010-314-080		C-CAP,S 22P-50V<EXCEPT 70HC,70EZ>
C947	87-012-286-080		CAP, U 0.01-25<70EZ,50EZ,30EZ>	C818	87-010-401-080		CAP, ELECT 1-50V<EXCEPT 70HC,70EZ>
C949	87-A10-039-080		C-CAP,U 470P-50 J CH<70EZ,50EZ,30EZ>	C819	87-010-404-080		CAP, ELECT 4.7-50V<EXCEPT 70HC,70EZ>
C952	87-012-286-080		CAP, U 0.01-25<70EZ,50EZ,30EZ>	C820	87-010-404-080		CAP, ELECT 4.7-50V<EXCEPT 70HC,70EZ>
C958	87-012-286-080		CAP, U 0.01-25<70EZ,50EZ,30EZ>	C821	87-010-404-080		CAP, ELECT 4.7-50V<EXCEPT 70HC,70EZ>
C959	87-010-196-080		CHIP CAPACITOR,0.1-25				<EXCEPT 70HC,70EZ>
C960	87-010-196-080		CHIP CAPACITOR,0.1-25	C822	87-010-404-080		CAP, ELECT 4.7-50V<EXCEPT 70HC,70EZ>
			<EXCEPT 70EZ,50EZ,30EZ>	C823	87-010-378-080		CAP, ELECT 10-16V<EXCEPT 70HC,70EZ>
C961	87-012-170-080		C-CAP,U 8P-50 CH	C824	87-010-378-080		CAP, ELECT 10-16V<EXCEPT 70HC,70EZ>
			<EXCEPT 70EZ,50EZ,30EZ>	C825	87-010-401-080		CAP, ELECT 1-50V<EXCEPT 70HC,70EZ>
C962	87-010-401-080		CAP, ELECT 1-50V<70EZ,50EZ,30EZ>	C826	87-010-401-080		CAP, ELECT 1-50V<EXCEPT 70HC,70EZ>
CF801	87-008-423-010		CERAMIC FILTER, SFE10.7				<EXCEPT 70HC,70EZ>
			<70EZ,50EZ,30EZ>	C827	87-010-178-080		CHIP CAP 1000P<EXCEPT 70HC,70EZ>
CF801	87-008-261-010		FILTER, SFE10.7MA5-A	C828	87-010-178-080		CHIP CAP 1000P<EXCEPT 70HC,70EZ>
			<EXCEPT 70EZ,50EZ,30EZ>	C829	87-016-081-080		C-CAP,S 0.1-16 RK<EXCEPT 70HC,70EZ>
CF802	82-785-747-010		CF MS2 GHY R<70EZ,50EZ,30EZ>	C830	87-010-248-080		CAP, ELECT 220-10V<EXCEPT 70HC,70EZ>
CF802	87-008-261-010		FILTER, SFE10.7MA5-A	C831	87-012-140-080		CAP 470P<EXCEPT 70HC,70EZ>
			<EXCEPT 70EZ,50EZ,30EZ>	C832	87-010-186-080		CAP,CHIP 4700P<EXCEPT 70HC,70EZ>

REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
C835	87-A10-229-080		C-CAP,S 0.68-10 K W5 <EXCEPT 70HC,70EZ>	C120	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C836	87-010-186-080		CAP,CHIP 4700P<EXCEPT 70HC,70EZ>	C121	87-010-401-080		CAP, ELECT 1-50V<70HC,70EZ>
C837	87-010-404-080		CAP, ELECT 4.7-50V<EXCEPT 70HC,70EZ>	C122	87-010-311-080		CAP 12P<70HC,70EZ>
C838	87-012-393-080		C-CAP,S 0.22-16 R K<EXCEPT 70HC,70EZ>	C123	87-010-311-080		CAP 12P<70HC,70EZ>
				C124	87-010-263-080		CAP, ELECT 100-10V<70HC,70EZ>
C839	87-012-393-080		C-CAP,S 0.22-16 R K<EXCEPT 70HC,70EZ>	C125	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C840	87-010-404-080		CAP, ELECT 4.7-50V<EXCEPT 70HC,70EZ>	C126	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C841	87-010-404-080		CAP, ELECT 4.7-50V<EXCEPT 70HC,70EZ>	C127	87-010-555-040		CAP,E 100-10 GAS<70HC,70EZ>
C842	87-012-393-080		C-CAP,S 0.22-16 R K<EXCEPT 70HC,70EZ>	C128	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C843	87-012-393-080		C-CAP,S 0.22-16 R K<EXCEPT 70HC,70EZ>	C129	87-010-384-080		CAP, ELECT 100-25V<70HC,70EZ>
C844	87-016-081-080		C-CAP,S 0.1-16 RK<EXCEPT 70HC,70EZ>	C131	87-010-263-080		CAP, ELECT 100-10V<70HC,70EZ>
C847	87-016-081-080		C-CAP,S 0.1-16 RK<EXCEPT 70HC,70EZ>	C132	87-010-401-080		CAP, ELECT 1-50V<70HC,70EZ>
C848	87-016-081-080		C-CAP,S 0.1-16 RK<EXCEPT 70HC,70EZ>	C133	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C851	87-016-081-080		C-CAP,S 0.1-16 RK<EXCEPT 70HC,70EZ>	C134	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C852	87-010-314-080		C-CAP,S 22P-50V<EXCEPT 70HC,70EZ>	C135	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C853	87-016-460-080		C-CAP,S 0.22-16 B<EXCEPT 70HC,70EZ>	C136	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C854	87-016-460-080		C-CAP,S 0.22-16 B<EXCEPT 70HC,70EZ>	C137	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C855	87-010-196-080		CHIP CAPACITOR,0.1-25 <EXCEPT 70HC,70EZ>	C138	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
				C139	87-010-314-080		C-CAP,S 22P-50V<70HC,70EZ>
C856	87-016-526-080		C-CAP,S 0.47-16 BK<EXCEPT 70HC,70EZ>	C140	87-010-552-040		CAP,E 22-16 GAS<70HC,70EZ>
C857	87-010-183-080		C-CAP,S 2700P-50 B<EXCEPT 70HC,70EZ>	C141	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C858	87-010-176-080		C-CAP,S 680P-50 SL<EXCEPT 70HC,70EZ>	C142	87-010-182-080		C-CAP,S 2200P-50 B<70HC,70EZ>
C859	87-016-552-080		C-CAP,S 0.082-16 B K <EXCEPT 70HC,70EZ>	C143	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
				C144	87-010-312-080		C-CAP,S 15P-50 CH<70HC,70EZ>
C860	87-016-552-080		C-CAP,S 0.082-16 B K	C145	87-012-154-080		C-CAP,S 150P-50 CH<70HC,70EZ>
			<EXCEPT 70HC,70EZ>	C146	87-012-154-080		C-CAP,S 150P-50 CH<70HC,70EZ>
C861	87-010-183-080		C-CAP,S 2700P-50 B<EXCEPT 70HC,70EZ>	C147	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C862	87-010-176-080		C-CAP,S 680P-50 SL<EXCEPT 70HC,70EZ>	C148	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C863	87-A10-830-080		C-CAP,S 0.33-16 K<EXCEPT 70HC,70EZ>	C149	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C864	87-010-403-080		CAP, ELECT 3.3-50V<50HC,30HC>	C150	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C865	87-010-263-080		CAP, ELECT 100-10V<EXCEPT 70HC,70EZ>	C151	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C866	87-010-263-080		CAP, ELECT 100-10V<EXCEPT 70HC,70EZ>	C152	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C867	87-010-404-080		CAP, ELECT 4.7-50V<EXCEPT 70HC,70EZ>	C153	87-010-178-080		CHIP CAP 1000P<70HC,70EZ>
C868	87-018-134-080		CAPACITOR,TC-U 0.01-16 <EXCEPT 70HC,70EZ>	C154	87-010-178-080		CHIP CAP 1000P<70HC,70EZ>
				C155	87-A10-369-080		C-CAP,S 0.47-16 K B<70HC,70EZ>
C869	87-010-196-080		CHIP CAPACITOR,0.1-25 <EXCEPT 70HC,70EZ>	C157	87-012-154-080		C-CAP,S 150P-50 CH<70HC,70EZ>
				C158	87-012-154-080		C-CAP,S 150P-50 CH<70HC,70EZ>
C870	87-010-314-080		C-CAP,S 22P-50V<EXCEPT 70HC,70EZ>	C159	87-010-178-080		CHIP CAP 1000P<70HC,70EZ>
C871	87-010-378-080		CAP, ELECT 10-16V<EXCEPT 70HC,70EZ>	C160	87-010-178-080		CHIP CAP 1000P<70HC,70EZ>
C891	87-010-322-080		C-CAP,S 100P-50 CH<50EZ,30EZ>	C161	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C892	87-010-322-080		C-CAP,S 100P-50 CH<50EZ,30EZ>	C162	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
CN801	87-099-557-010		CONN,11P TUC-P11X-B1 <EXCEPT 70HC,70EZ>	C163	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
				C164	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
CN802	87-099-559-010		CONN,13P TUC-P13X-B1 <EXCEPT 70HC,70EZ>	C165	87-A10-369-080		C-CAP,S 0.47-16 K B<70HC,70EZ>
				C166	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
FB802	87-008-372-080		FILTER, EMI BL OIRNI <EXCEPT 70HC,70EZ>	C167	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
				C169	87-012-154-080		C-CAP,S 150P-50 CH<70HC,70EZ>
R827	87-A00-296-080		C-RES,100K-1/8W F<EXCEPT 70HC,70EZ>	C170	87-012-154-080		C-CAP,S 150P-50 CH<70HC,70EZ>
				C171	87-010-178-080		CHIP CAP 1000P<70HC,70EZ>
				C172	87-010-178-080		CHIP CAP 1000P<70HC,70EZ>
AC-3 C.B<70HC,70EZ>				C173	87-018-209-080		CAP, CER 0.1-50V<70HC,70EZ>
C101	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	C174	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C102	87-010-374-080		CAP, ELECT 47-10V<70HC,70EZ>	C175	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C103	87-010-314-080		C-CAP,S 22P-50V<70HC,70EZ>	C177	87-A10-369-080		C-CAP,S 0.47-16 K B<70HC,70EZ>
C104	87-010-313-080		CAP, CHIP 18P<70HC,70EZ>	C178	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C105	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>				
C106	87-010-197-080		CAP, CHIP 0.01 DM<70HC,70EZ>	C179	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C107	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	C180	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C108	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	C181	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C109	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	C182	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C110	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	C183	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C111	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	C184	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C112	87-010-404-080		CAP, ELECT 4.7-50V<70HC,70EZ>	C185	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C113	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	C186	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C114	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	C187	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C115	87-010-374-080		CAP, ELECT 47-10V<70HC,70EZ>	C188	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C116	87-012-140-080		CAP 470P<70HC,70EZ>	C189	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C117	87-010-198-080		CAP, CHIP 0.022<70HC,70EZ>	C190	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>
C118	87-010-401-080		CAP, ELECT 1-50V<70HC,70EZ>	C191	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
C119	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	C192	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>
				C193	87-010-154-080		CAP CHIP 10P<70HC,70EZ>

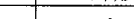
REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
C194	87-010-154-080		CAP CHIP 10P<70HC,70EZ>	CN102	87-099-561-010		CONN,15P TUC-P15X-B1<70HC,70EZ>
C195	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>	FB102	87-008-372-080		FILTER, EMI BL OIRNI<70HC,70EZ>
C196	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	FB103	87-008-372-080		FILTER, EMI BL OIRNI<70HC,70EZ>
C197	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>	FB104	87-008-372-080		FILTER, EMI BL OIRNI<70HC,70EZ>
C198	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	FB105	87-008-372-080		FILTER, EMI BL OIRNI<70HC,70EZ>
C199	87-A10-369-080		C-CAP,S 0.47-16 K B<70HC,70EZ>	FB106	87-008-372-080		FILTER, EMI BL OIRNI<70HC,70EZ>
C201	87-010-154-080		CAP CHIP 10P<70HC,70EZ>	FB107	87-008-474-080		F-BEAD,EMI BL02RNI<70HC,70EZ>
C202	87-010-154-080		CAP CHIP 10P<70HC,70EZ>	FB108	87-008-474-080		F-BEAD,EMI BL02RNI<70HC,70EZ>
C203	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	FB109	87-008-474-080		F-BEAD,EMI BL02RNI<70HC,70EZ>
C204	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	J101	87-A60-573-010		JACK, PIN 1P ORN<70HC,70EZ>
C205	87-A10-369-080		C-CAP,S 0.47-16 K B<70HC,70EZ>	L102	87-A50-095-010		COIL,68UH RCR875D<70HC,70EZ>
C206	87-010-401-080		CAP, ELECT 1-50V<70HC,70EZ>	L103	87-005-274-080		COIL,68UH K LAL03<70HC,70EZ>
C207	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>	L104	87-008-501-080		FLTR,DSS306-B101<70HC,70EZ>
C208	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>	L105	87-008-501-080		FLTR,DSS306-B101<70HC,70EZ>
C209	87-010-154-080		CAP CHIP 10P<70HC,70EZ>	L106	87-003-097-080		COIL,1UH<70HC,70EZ>
C210	87-010-154-080		CAP CHIP 10P<70HC,70EZ>	X101	87-A70-116-010		VIB,XTAL 10.00MHZ<70HC,70EZ>
C211	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	X102	87-A70-115-010		VIB,XTAL 12.288MHZ<70HC,70EZ>
C212	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>				
C213	87-A10-369-080		C-CAP,S 0.47-16 K B<70HC,70EZ>				
C214	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>	SUB C.B			
C215	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>	C101	87-015-681-080		CAP,E 10-16 7L
C216	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>	C103	87-015-681-080		CAP,E 10-16 7L
C219	87-010-993-080		C-CAP,S 0.056-25 B<70HC,70EZ>	C104	87-012-368-080		C-CAP,S 0.1-50 F
C220	87-A10-369-080		C-CAP,S 0.47-16 K B<70HC,70EZ>	C105	87-012-368-080		C-CAP,S 0.1-50 F
C222	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	CN101	87-009-348-010		CONN,5P PH H
C224	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>				
C225	87-012-155-080		C-CAP 180P-50CH<70HC>	AC SW C.B<70HC,50HC,50LH,30HC>			
C226	87-012-155-080		C-CAP 180P-50CH<70HC>				
C227	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>	△ F101	87-035-368-010		FUSE, 4A 250V<30HC>
C228	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>	△ F101	87-035-370-010		FUSE, 6.3A 250V<70HC,50HC,50LH>
				△ F102	87-035-368-010		FUSE, 4A 250V<30HC>
C230	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC>	△ F102	87-035-370-010		FUSE, 6.3A 250V<70HC,50HC,50LH>
C232	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC>	△ FC101	87-033-147-010		FUSE CLAMP<70HC,50HC,50LH,30HC>
C234	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC>				
C235	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC>	△ FC102	87-033-147-010		FUSE CLAMP<70HC,50HC,50LH,30HC>
C236	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	△ FC103	87-033-147-010		FUSE CLAMP<70HC,50HC,50LH,30HC>
				△ FC104	87-033-147-010		FUSE CLAMP<70HC,50HC,50LH,30HC>
C237	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	△ SW101	87-A90-165-010		SW,SL 1-2-3 SWS2301<70HC,50HC,50LH,30HC>
C238	87-010-314-080		C-CAP,S 22P-50V<70HC,70EZ>				
C239	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	△ T101	87-A60-317-010		TERMINAL, 1P MSC<70HC,50HC,50LH,30HC>
C240	87-010-314-080		C-CAP,S 22P-50V<70HC,70EZ>	△ T102	87-A60-317-010		TERMINAL, 1P MSC<70HC,50HC,50LH,30HC>
C241	87-010-405-080		CAP, ELECT 10-50V<70HC,70EZ>				
C242	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>				
C243	87-010-322-080		C-CAP,S 100P-50 CH<70HC,70EZ>	POWER-1 C.B			
C244	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>				
C250	87-018-131-080		CAP, CER 1000P-50V<70EZ>	△ F101	87-035-370-010		FUSE, 6.3A 250V<70EZ,50EZ,30EZ>
C280	87-010-401-080		CAP, ELECT 1-50V<70HC,70EZ>	△ F101	87-035-492-010		FUSE,6.3A 125V D UL<25>
				△ FC1	87-A90-160-080		FUSE CLAMP,FC 51F<70EZ,50EZ,30EZ,25>
C301	87-012-393-080		C-CAP,S 0.22-16 R K<70HC,70EZ>	△ FC2	87-A90-160-080		FUSE CLAMP,FC 51F<70EZ,50EZ,30EZ,25>
C302	87-012-393-080		C-CAP,S 0.22-16 R K<70HC,70EZ>	△ T1	87-A60-317-010		TERMINAL, 1P MSC<70EZ,50EZ,30EZ,25>
C303	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>				
C304	87-012-393-080		C-CAP,S 0.22-16 R K<70HC,70EZ>	△ T2	87-A60-317-010		TERMINAL, 1P MSC<70EZ,50EZ,30EZ,25>
C305	87-010-184-080		CHIP CAPACITOR 3300P(K)<70HC,70EZ>				
C306	87-010-183-080		C-CAP,S 2700P-50 B<70HC,70EZ>	POWER-2 C.B			
C307	87-016-669-080		C-CAP,S 0.1-25 K B<70HC,70EZ>				
C308	87-016-669-080		C-CAP,S 0.1-25 K B<70HC,70EZ>	△ PR105	87-026-682-080		PROTECTOR,10A 60V491<30HC,30EZ,25>
C309	87-010-184-080		CHIP CAPACITOR 3300P(K)<70HC,70EZ>	△ PR106	87-026-682-080		PROTECTOR,10A 60V491<30HC,30EZ,25>
C310	87-010-183-080		C-CAP,S 2700P-50 B<70HC,70EZ>	△ PT101	88-AR1-651-010		PT,8AR-1 (HR)<70HC,50HC>
				△ PT101	88-AR1-652-010		PT,8AR-1 (EZ)<70EZ,50EZ>
C311	87-012-393-080		C-CAP,S 0.22-16 R K<70HC,70EZ>	△ PT101	88-AR2-605-010		PT,8AR-2 (LH)<50LH>
C312	87-010-374-080		CAP, ELECT 47-10V<70HC,70EZ>				
C313	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>	△ PT101	88-AR3-602-010		PT,8AR-3 (HR)<30HC>
C315	87-010-404-080		CAP, ELECT 4.7-50V<70HC,70EZ>	△ PT101	88-AR3-603-010		PT,8AR-3 (EZ)<30EZ>
C316	87-010-404-080		CAP, ELECT 4.7-50V<70HC,70EZ>	△ PT101	88-AR4-601-010		PT,8AR-4 (U)<25>
C317	87-010-183-080		C-CAP,S 2700P-50 B<70HC,70EZ>				
C318	87-010-183-080		C-CAP,S 2700P-50 B<70HC,70EZ>				
C319	87-010-545-080		CAP, ELECT 0.22-50V<70HC,70EZ>				
C320	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>				
C321	87-010-263-080		CAP, ELECT 100-10V<70HC,70EZ>				
C401	87-010-196-080		CHIP CAPACITOR,0.1-25<70HC,70EZ>				
C402	87-010-404-080		CAP, ELECT 4.7-50V<70HC,70EZ>				
C403	87-010-401-080		CAP, ELECT 1-50V<70HC,70EZ>				
C404	87-018-131-080		CAP, CER 1000P-50V<70EZ>				
CN101	87-099-561-010		CONN,15P TUC-P15X-B1<70HC,70EZ>				

○ チップ抵抗部品コード / CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち
Chip Resistor Part Coding



チップ抵抗
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法 / Dimensions (mm)				抵抗コード : A Resistor Code : A
				外形 / Form	L	W	t	
1/16W	1608	5%	CJ		1.6	0.8	0.45	108
1/10W	2125	5%	CJ		2	1.25	0.45	118
1/8W	3216	5%	CJ		3.2	1.6	0.55	128

TRANSISTOR ILLUSTRATION



ECB

2SA965
2SA1296
CC5551
CSD1489
KTA1266
KTC3198



ECB

2SC4115



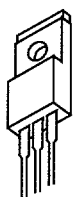
ECB

2SB1370



BCE

2SB1625
2SD2494
FN1016
FP1016



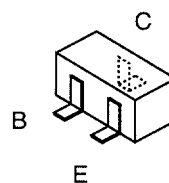
GDS

2SK2937

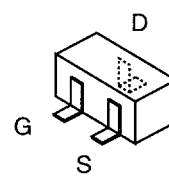


BCE

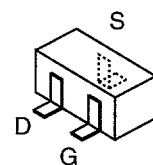
2SB1375



2SA1037
2SA1235
2SC2714
2SC3052
CMBT5401
CMBT5551
CSD1306
DTA144WK
DTC123JK
DTC124EK
RN1410
RTIN141C
RTIN144C
RTIP141C
RTIP144C



2SK2158

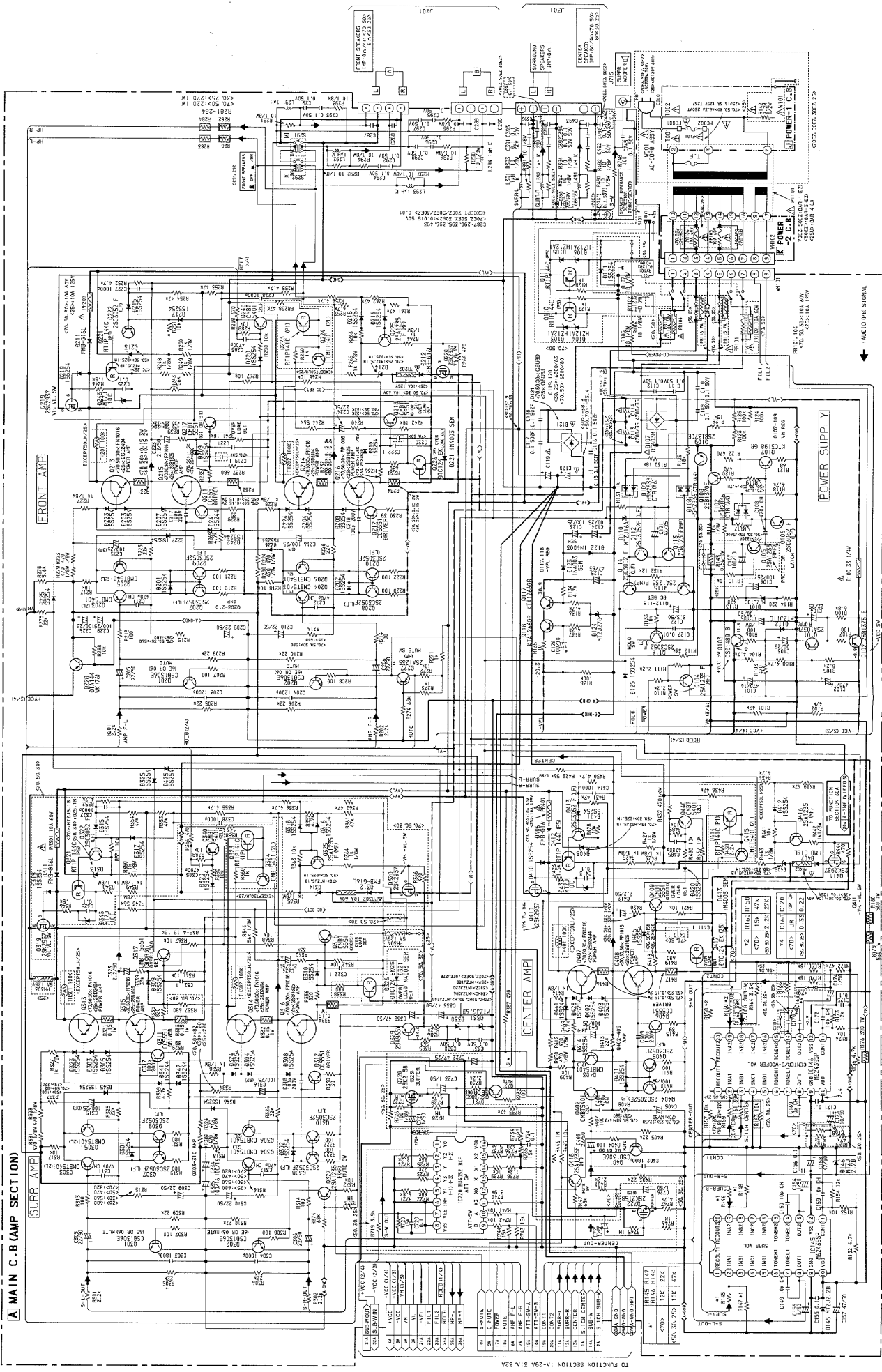


2SK360

A MAIN C.B (FUNCTION SECTION)

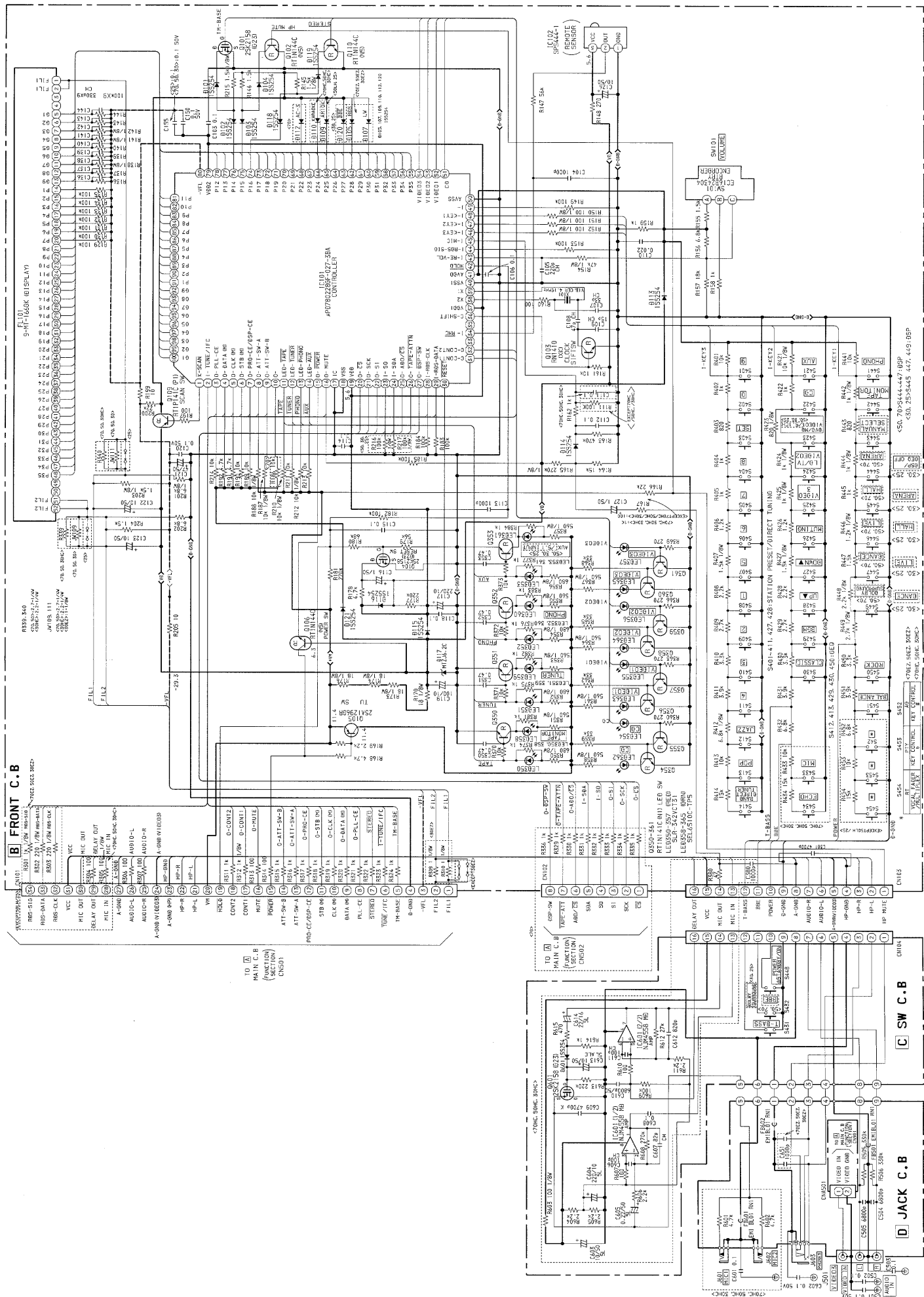


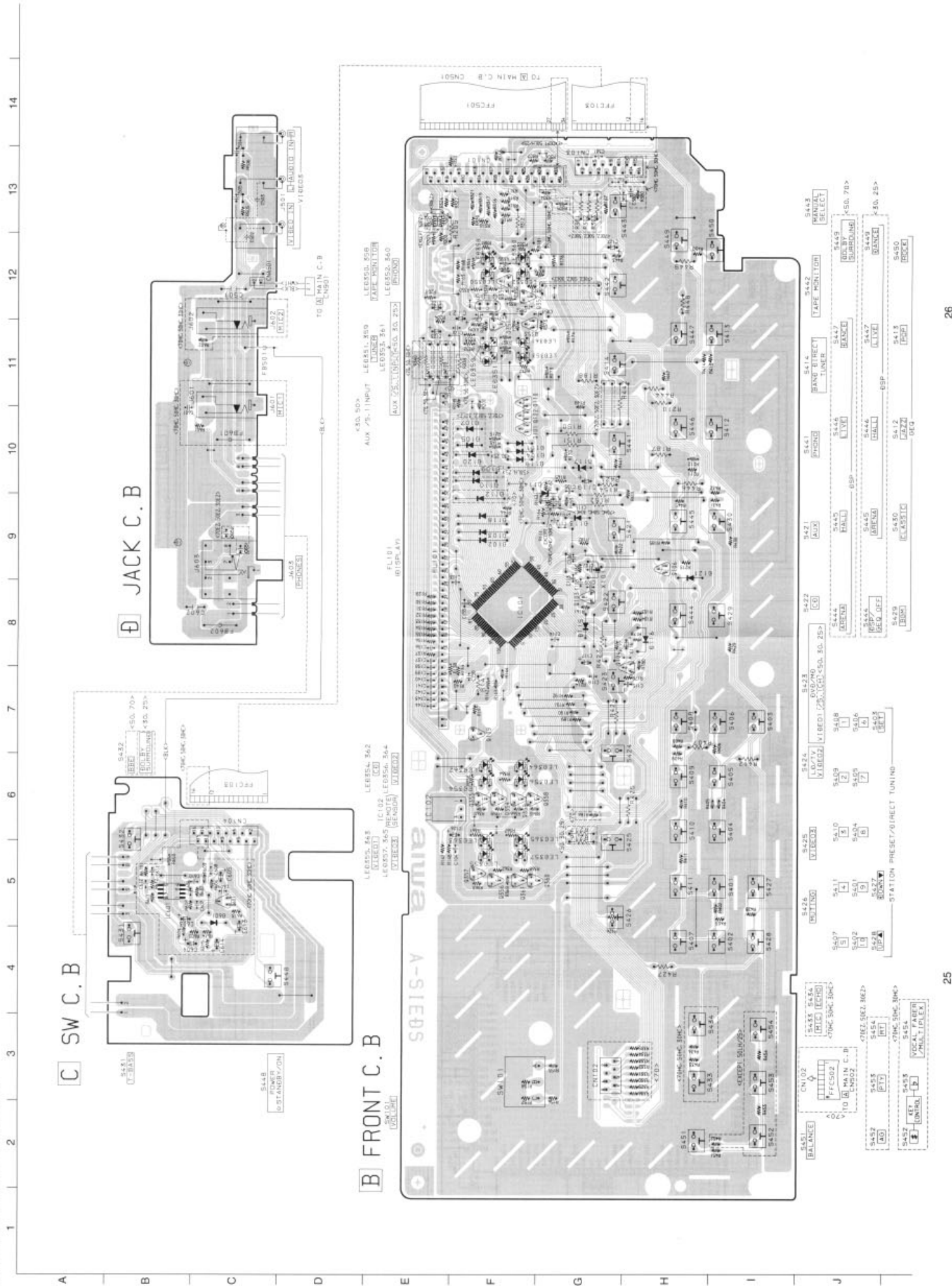
SCHEMATIC DIAGRAM-2 (MAIN-AMP SECTION)

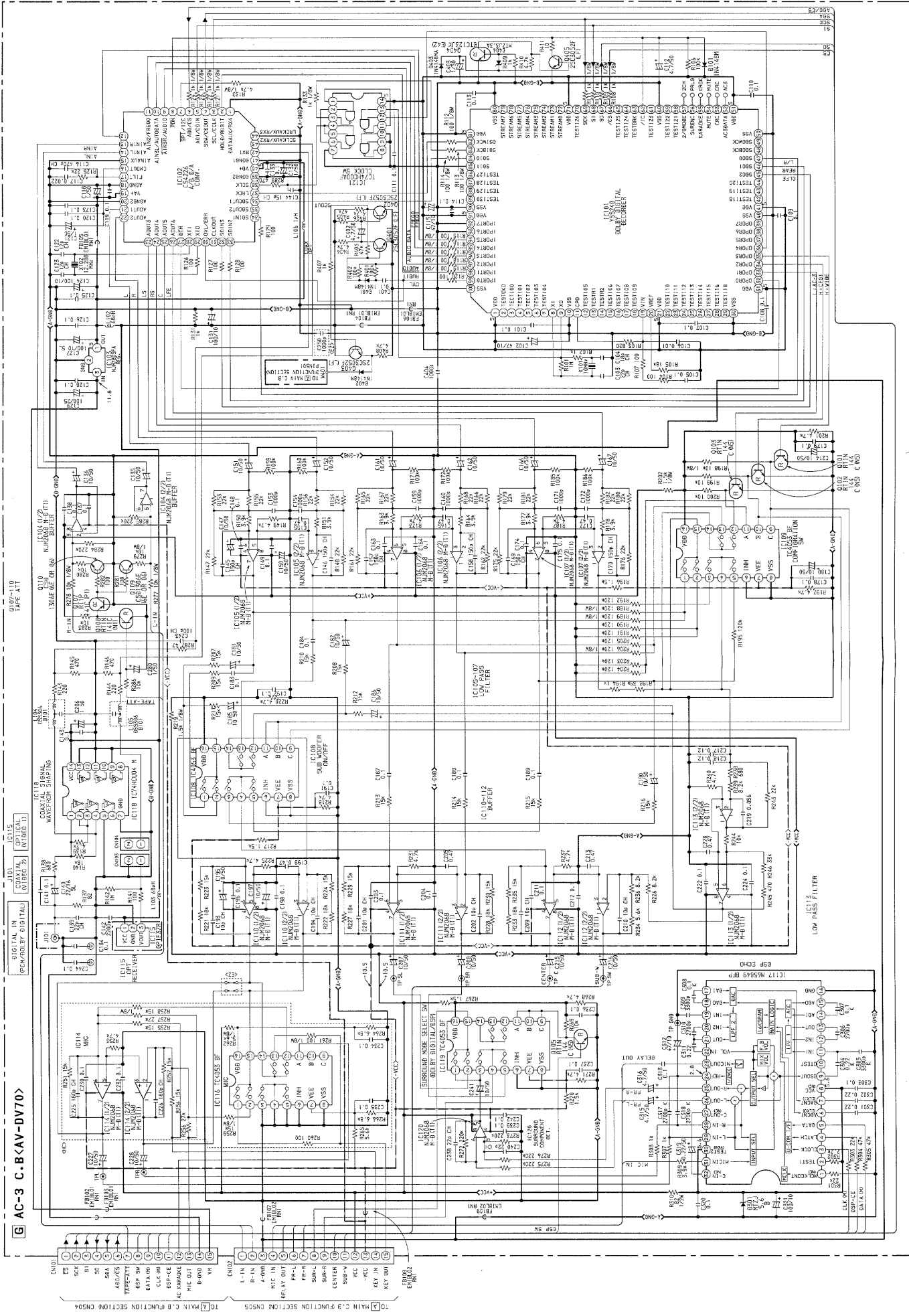


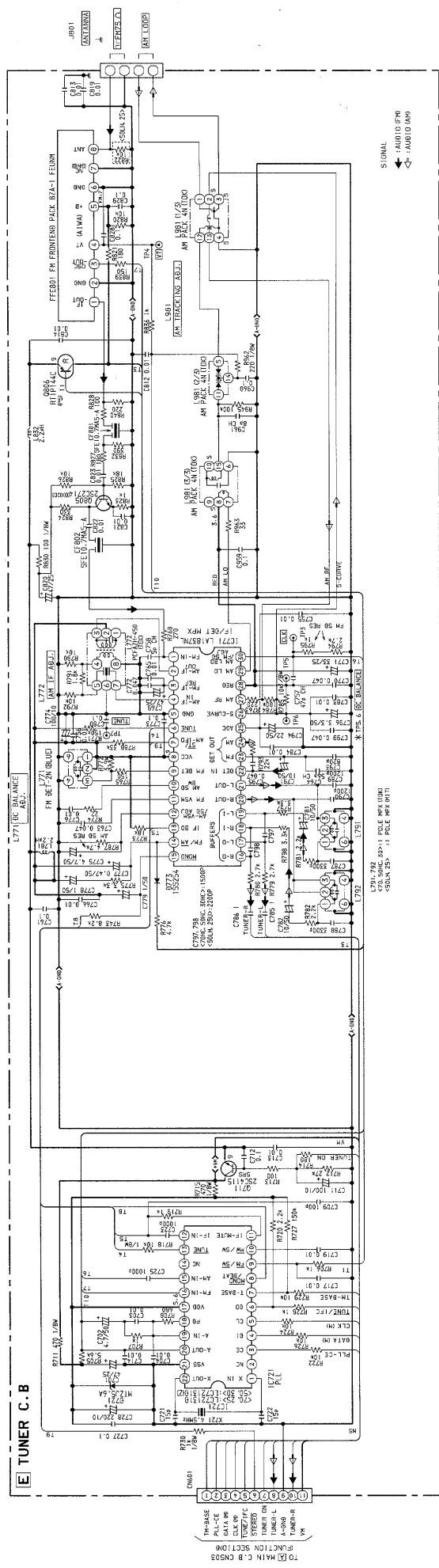
SUB C. B.



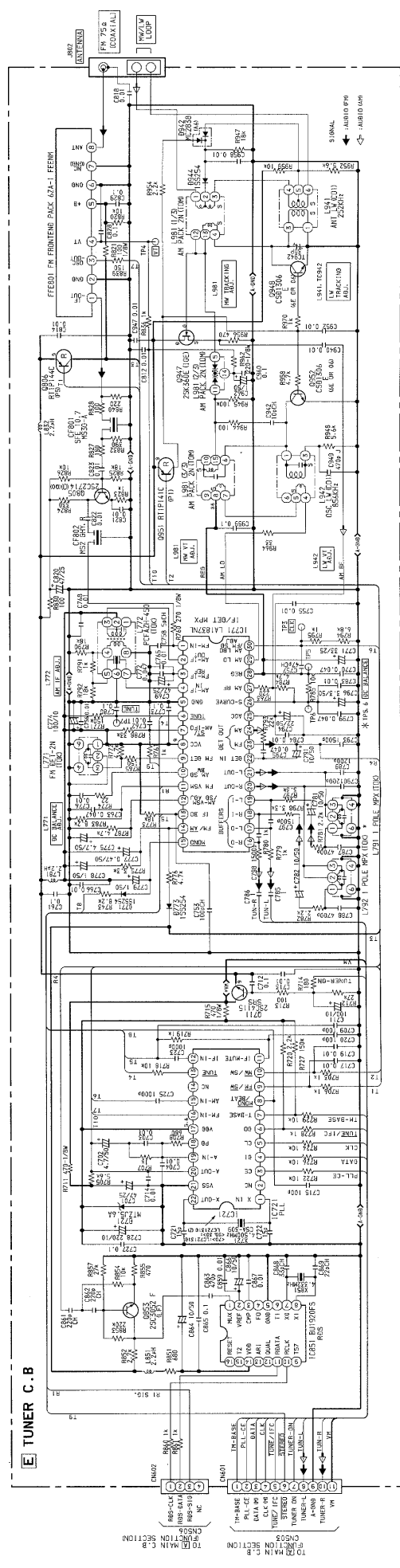


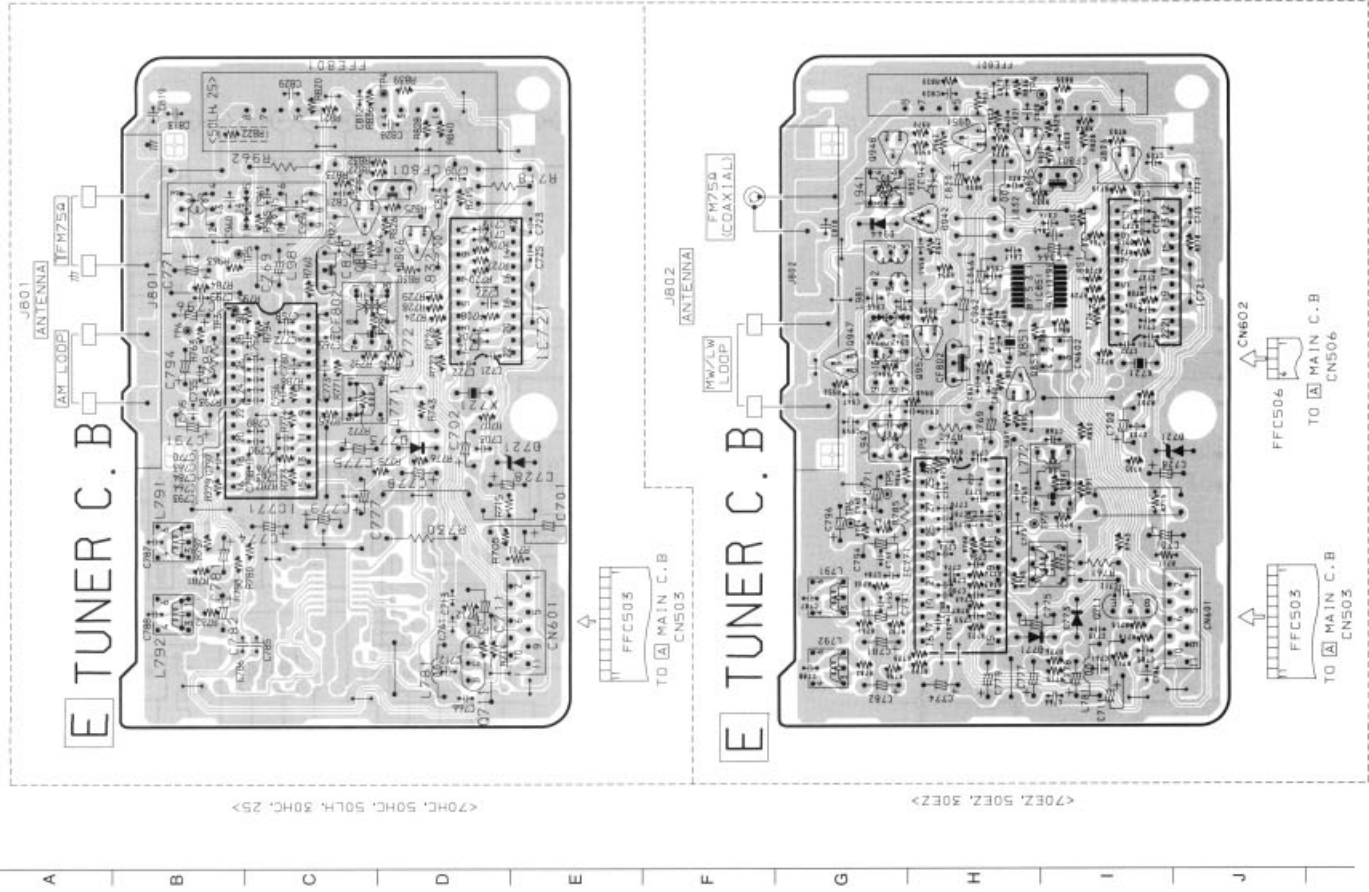






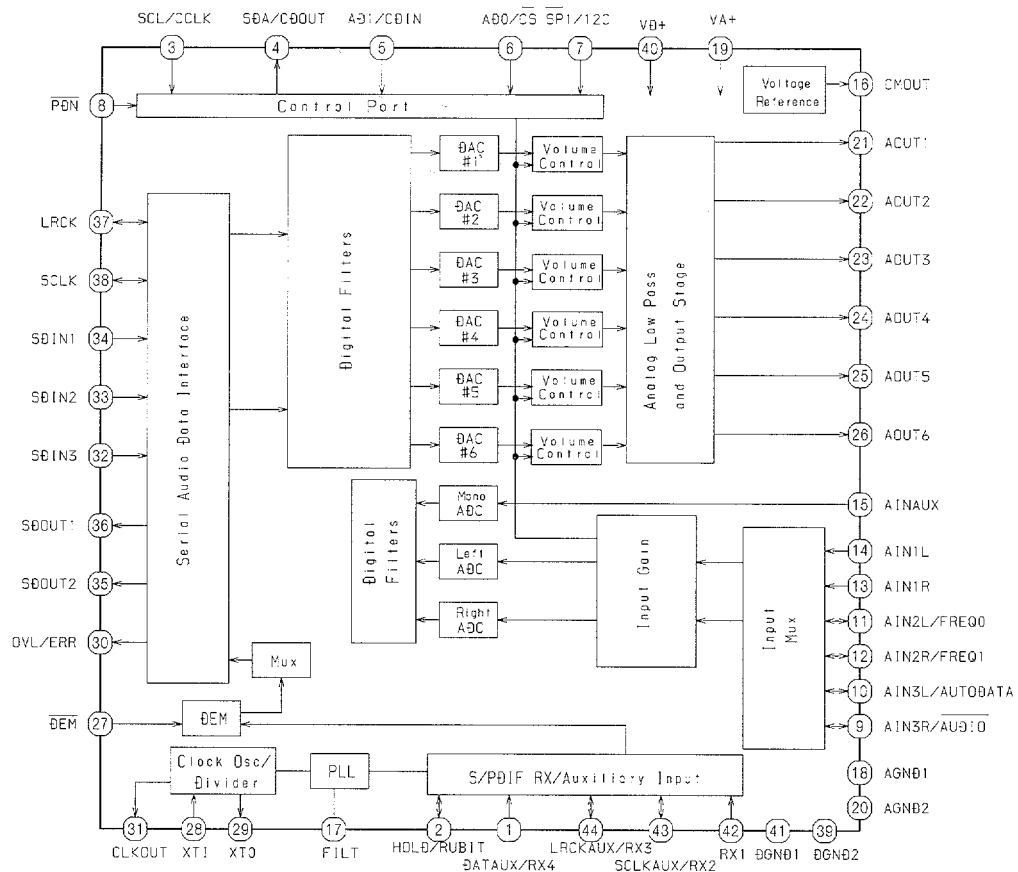
SCHEMATIC DIAGRAM-7 (TUNER SECTION) [AV-D30EZ, D50EZ, DV70EZ]



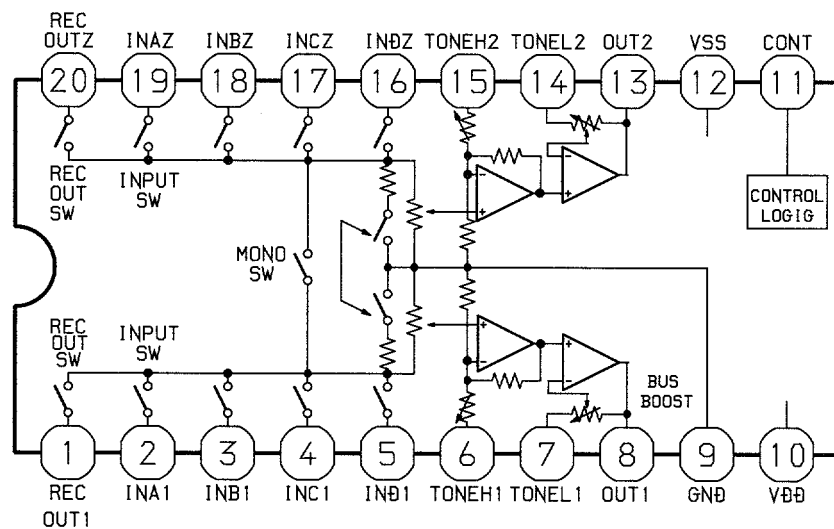


IC BLOCK DIAGRAM-1

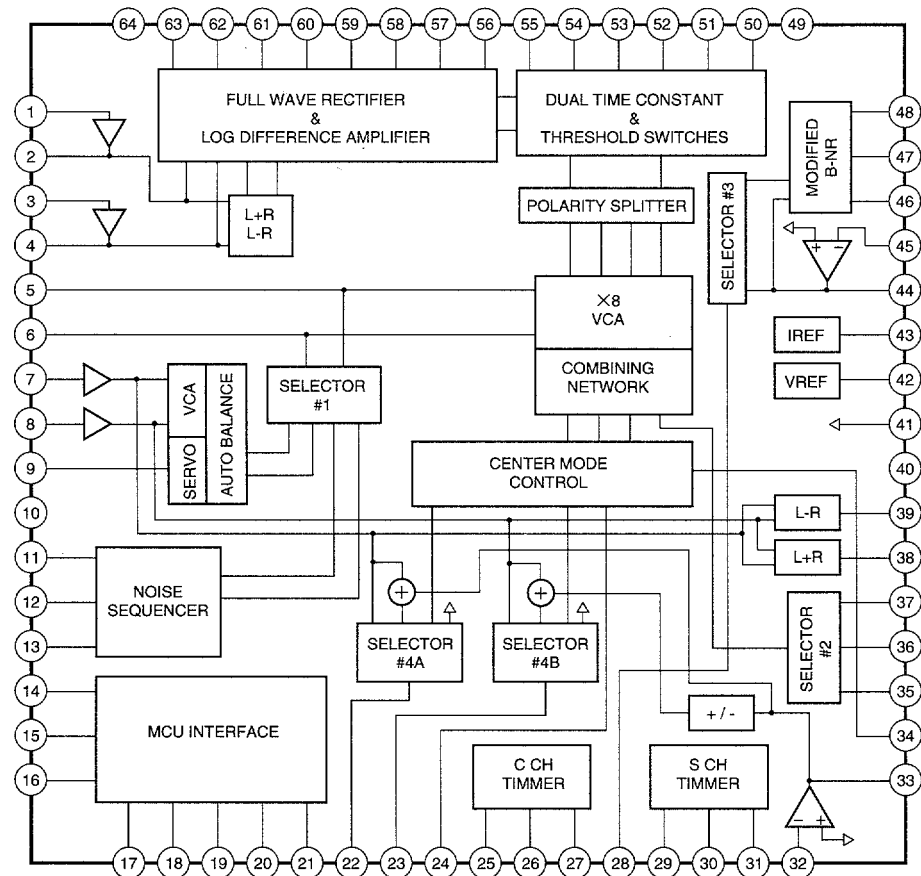
IC, CS4226



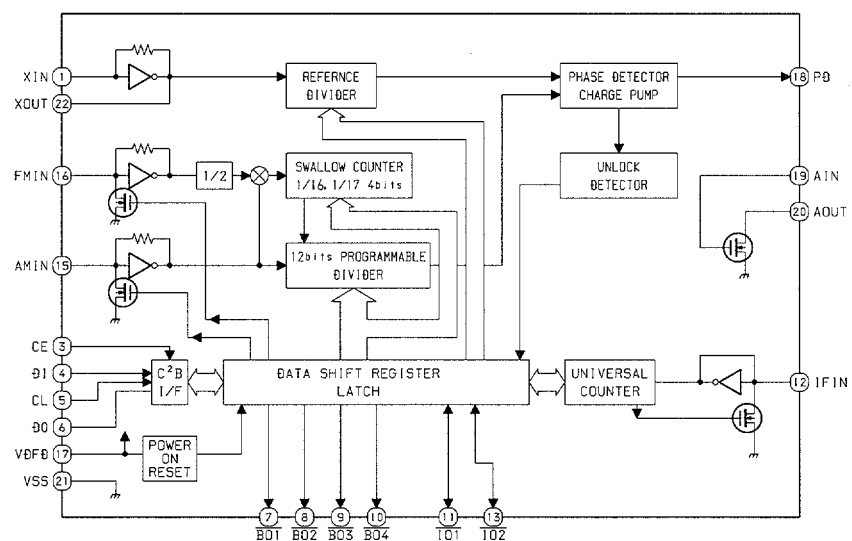
IC, M62439SP



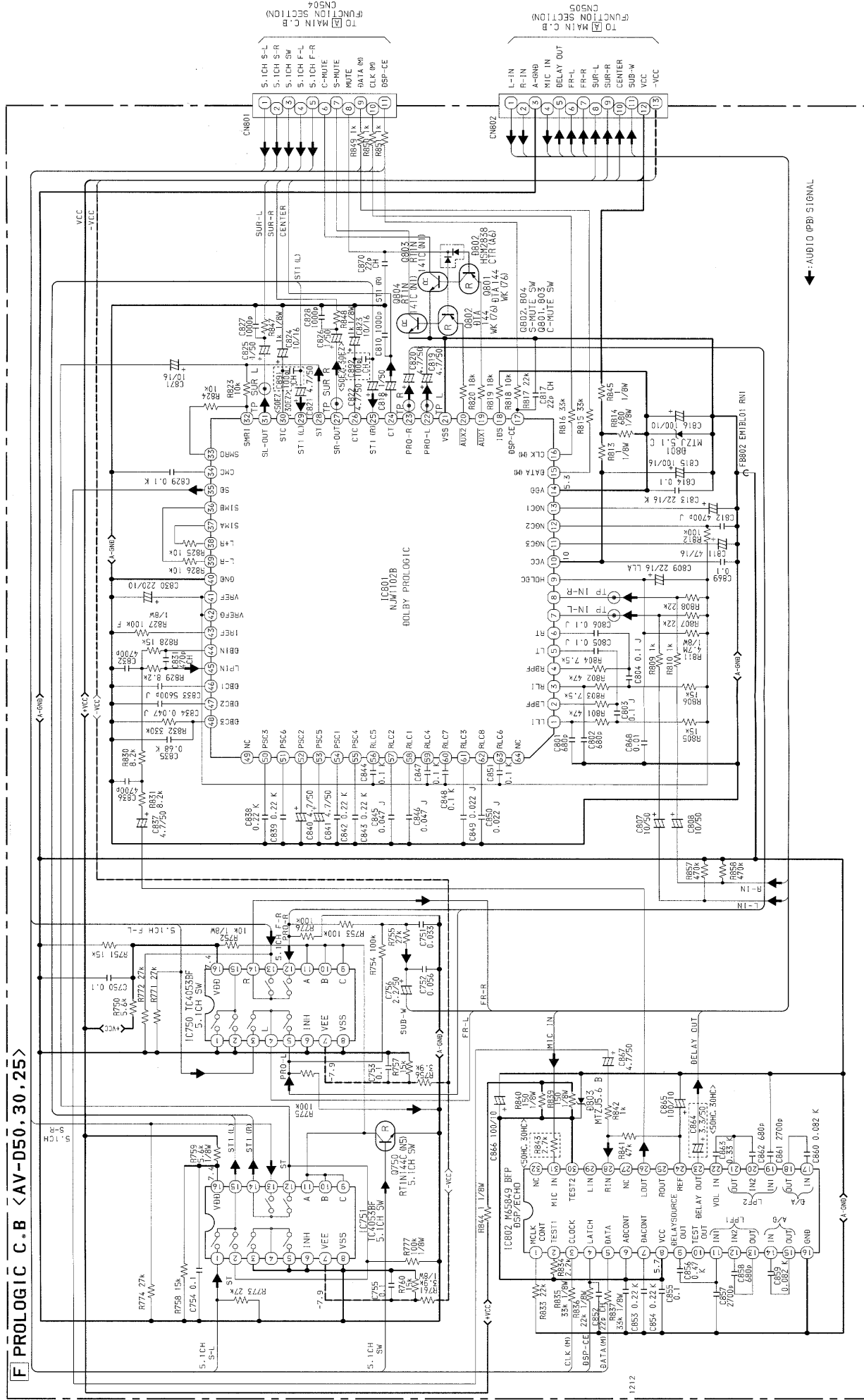
IC, NJW1102B



IC, LC72131



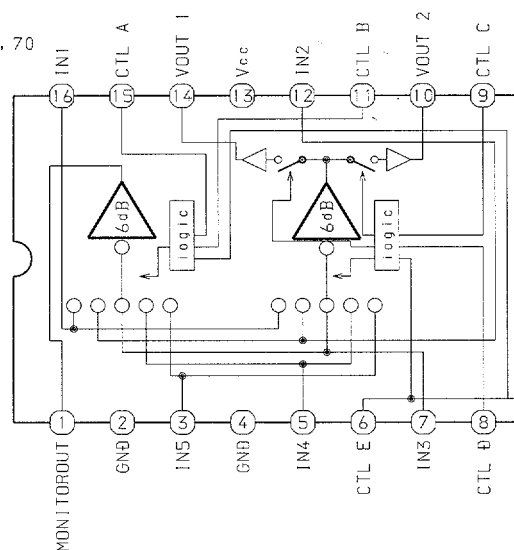
F PROLOGIC C.B. <AV-D50,30,25>



IC BLOCK DIAGRAM-2

IC, BA7625

BA7625
AV-030, 50, 70



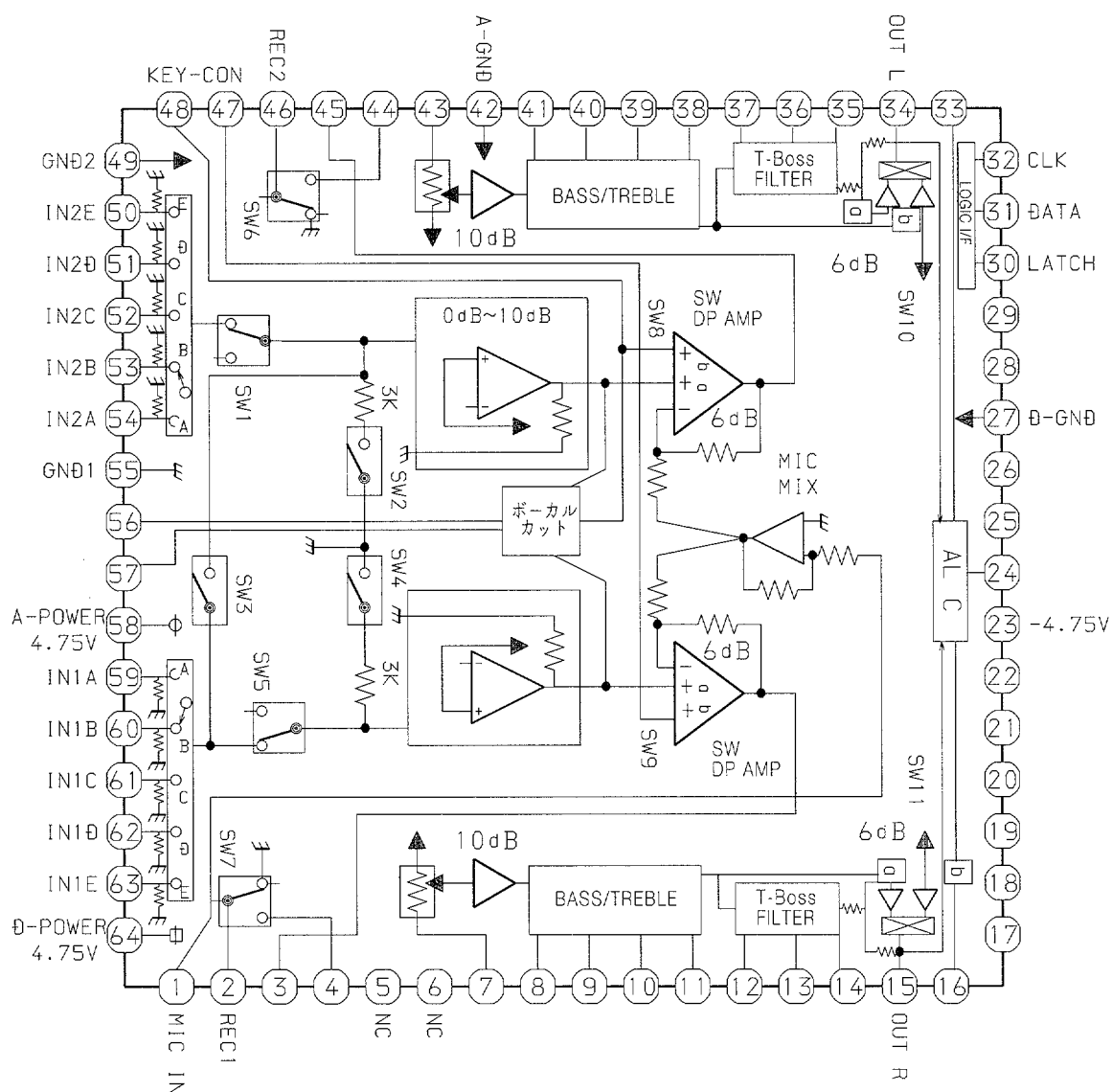
A	B	E	MONITOROUT
L	L	*	IN 1
H	L	*	IN 2
L	H	*	IN 3
H	H	L	IN 4
H	H	H	IN 5

C	D	E	V OUT 1
L	L	*	-
H	L	*	IN 2
L	H	*	IN 3
H	H	L	IN 4
H	H	H	IN 5

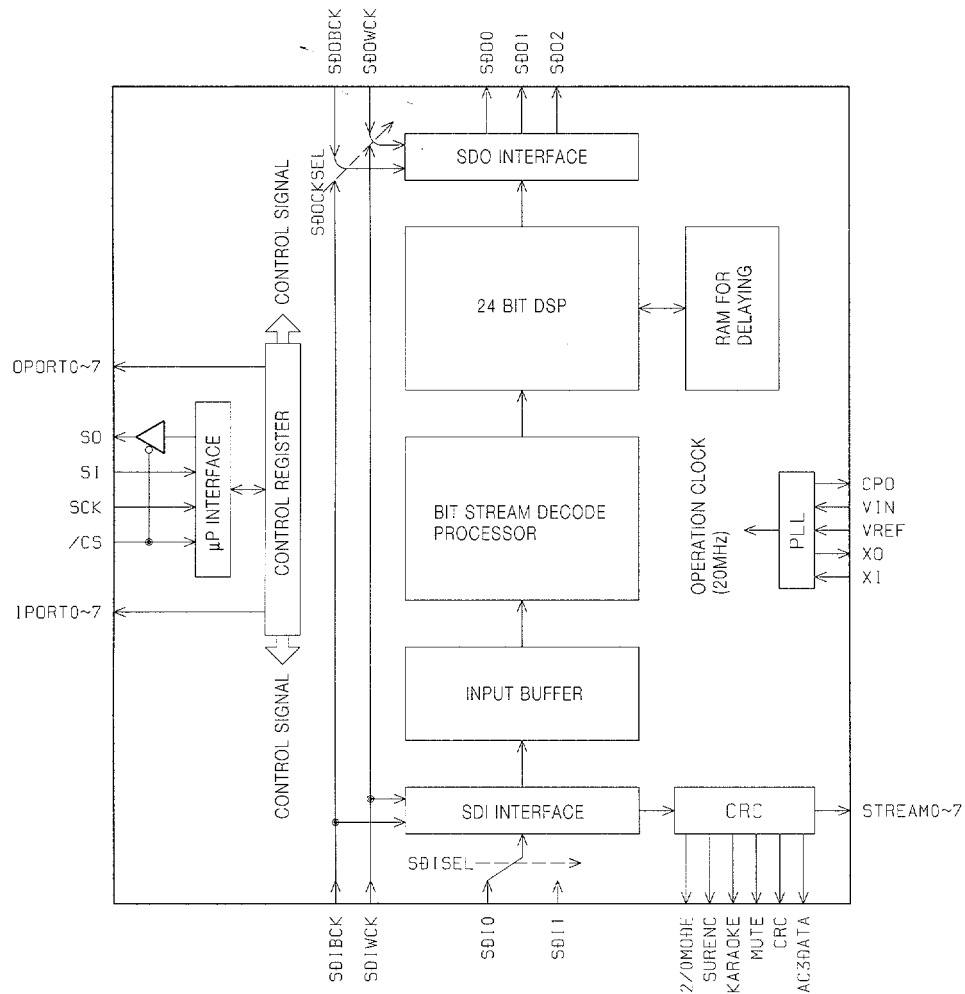
C	D	E	V OUT 2
L	L	*	IN 1
H	L	*	-
L	H	*	IN 3
H	H	L	IN 4
H	H	H	IN 5

* H/L nothing

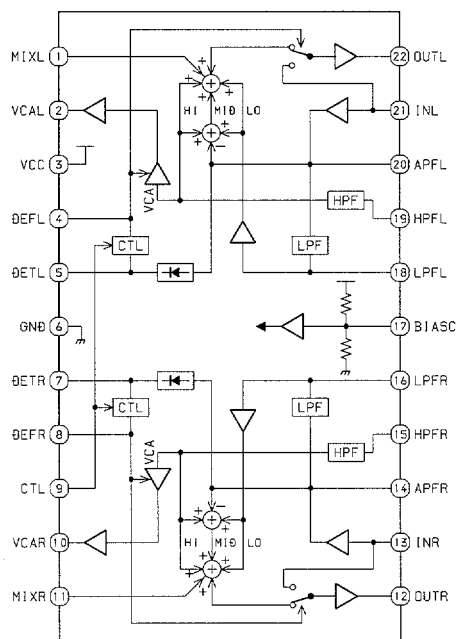
IC, M62445-FP-600D



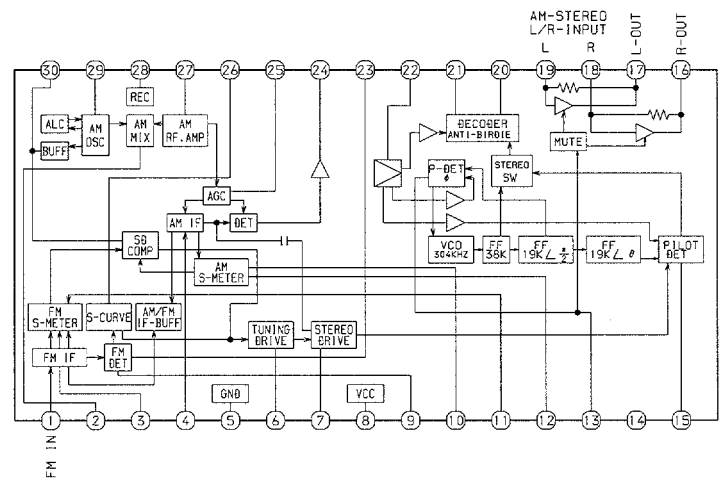
IC, YSS248



IC, BA3880S



IC, LA1837



IC DESCRIPTION

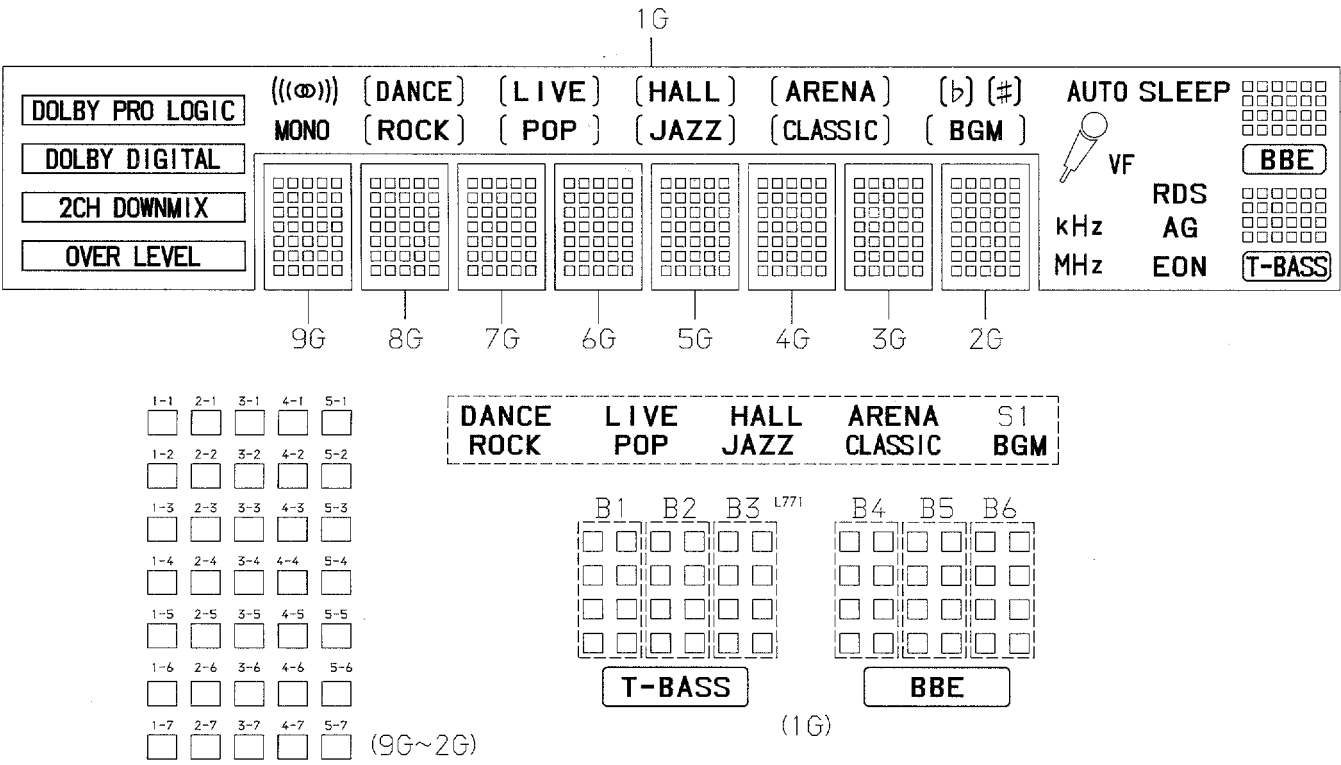
IC, μ PD780228GF-027

Pin No.	Pin Name	I/O	Description
1	$\overline{\text{K-SCAN}}$	O	Switch scan timing output
2	$\overline{\text{TUNE/IFC}}$	I	TUNE-IF count serial data input
3	PLL-CE	O	PLL IC chip enable output
4	DATA (M)	O	Data output for sound CTRL, PLL, DOLBY PRO LOGIC, DSF
5	CLK (M)	O	Clock output
6	STB (M)	O	Latch strobe output for sound CTRL
7	PRO-CE/DSP-CE	O	Chip enable for dolby prologic or DSP
8	ATT-SW-A	O	ATT-SW-A output for IC720 (4052)
9	ATT-SW-B	O	ATT-SW-B output for IC720 (4052)
10	OSD-CE	O	Chip enable for OSD
11	LED-TAPE	O	Tape LED $\overline{\text{ON/OFF}}$ output
12	LED-TUNER	O	Tuner LED $\overline{\text{ON/OFF}}$ output
13	LED-PHONO	O	Phono LED $\overline{\text{ON/OFF}}$ output
14	LED-AUX	O	AUX LED $\overline{\text{ON/OFF}}$ output
15	$\overline{\text{POWER}}$	O	System power supply $\overline{\text{ON/OFF}}$ output
16	MUTE	O	System mute $\overline{\text{ON/OFF}}$ output
17	IC	–	GND
18	VSS	–	GND
19	VDD	–	Power supply input
20	CS	O	Chip select output for DOLBY DIGITAL (AC3)
21	SCK	O	Clock output for DOLBY DIGITAL (AC3)
22	SI	O	Serial data input for DOLBY DIGITAL (AC3)
23	SO	I	Serial data output for DOLBY DIGITAL (AC3)
24	SDA	I	Serial data input for CODEC IC (CS4226)
25	$\text{ADO}/\overline{\text{CS}}$	O	Chip select output for CODEC IC (CS4226)
26	$\overline{\text{TAPE-ATTN}}$	O	ATT output for function tape
27	$\overline{\text{DSP-SW}}$	O	DSP SW (4053) output
28	RDS-CLK	I	Tuner RDS clock input
29	RDS-DATA	I	Tuner RDS data input
30	$\overline{\text{RESET}}$	I	Reset input
31	CONT1	O	Master VOL CTRL output for surround left/right
32	CONT2	O	Master VOL CTRL output for center & sub-woofer
33	OSD-CLK (F)	O	Clock output for OSD
34	$\overline{\text{RMC}}$	I	System remote control signal input
35	OSD-DATA (F)	O	Data output for OSD
36	C-SHIFT	O	Micon clock shift output
37	VDD1	–	Power supply input
38	X2	–	4.19 MHz oscillator circuit
39	X1	–	
40	VSS1	–	GND
41	AVDD	–	Power supply input

Pin No.	Pin Name	I/O	Description
42	HOLD	I	Power failure detected input "L" to stop clock and hold memory
43	RE-VOL	I	Rotary encoder signal input
44	RDS-SIG	I	Tuner signal input
45	MIC	I	Microphone input for auto VF display
46	KEY3	I	Key input (A/D)
47	KEY2	I	
48	KEY1	I	
49	SYNC DET	I	SYNC detector input for OSD
50	AVSS	–	GND
51	LED CD	O	CD LED ON/OFF output
52	LED-VIDEO1	O	VIDEO1 LED ON/OFF output
53	LED-VIDEO2	O	VIDEO2 LED ON/OFF output
54	LED-VIDEO3	O	VIDEO3 LED ON/OFF output
55	P35	O	FL segment P35 output
56	P34	O	FL segment P34 output
57	P33	O	FL segment P33 output
58	P32	O	FL segment P32 output
59	P31	O	FL segment P31 output
60	P30	I/O	FL segment P30 output/LW mode data input to diode
61	P29	I/O	FL segment P29 output/FMI (OIRT) data input to diode
62	P28	I/O	FL segment P28 output/RDS data input to diode
63	P27	I/O	FL segment P27 output/BBE data input to diode
64	P26	I/O	FL segment P26 output/AM stereo, wide band data input to diode
65	P25	I/O	FL segment P25 output/initial AM 10 kHz step data input to diode
66	P24	I/O	FL segment P24 output/VF, KEY CON, ECHO data input to diode
67	P23	I/O	FL segment P23 output/OSD data input to diode
68	P22	I/O	FL segment P22 output/DOLBY digital (AC3) data input to diode
69	P21	O	FL segment P21 output
70	P20	O	FL segment P20 output
71	P19	O	FL segment P19 output
72	P18	O	FL segment P18 output
73	P17	O	FL segment P17 output
74	P16	I/O	FL segment P16 output/tuner stereo detected input
75	P15	I/O	FL segment P15 output/headphone mute detected input
76	P14	I/O	FL segment P14 output/reference clock input for timer watch
77	P13	O	FL segment P13 output
78	P12	O	FL segment P12 output
79	VDD2	–	Power supply input
80	VFL	–	Power supply input for FL display
81	P11	O	FL segment P11 output
82	P10	O	FL segment P10 output

Pin No.	Pin Name	I/O	Description
83	P9	O	FL segment P9 output
84	P8	O	FL segment P8 output
85	P7	O	FL segment P7 output
86	P6	O	FL segment P6 output
87	P5	O	FL segment P5 output
88	P4	O	FL segment P4 output
89	P3	O	FL segment P3 output
90	P2	O	FL segment P2 output
91	P1	O	FL segment P1 output
92	G9	O	FL grid output G9
93	G8	O	FL grid output G8
94	G7	O	FL grid output G7
95	G6	O	FL grid output G6
96	G5	O	FL grid output G5
97	G4	O	FL grid output G4
98	G3	O	FL grid output G3
99	G2	O	FL grid output G2
100	G1	O	FL grid output G1

GRID ASSIGNMENT

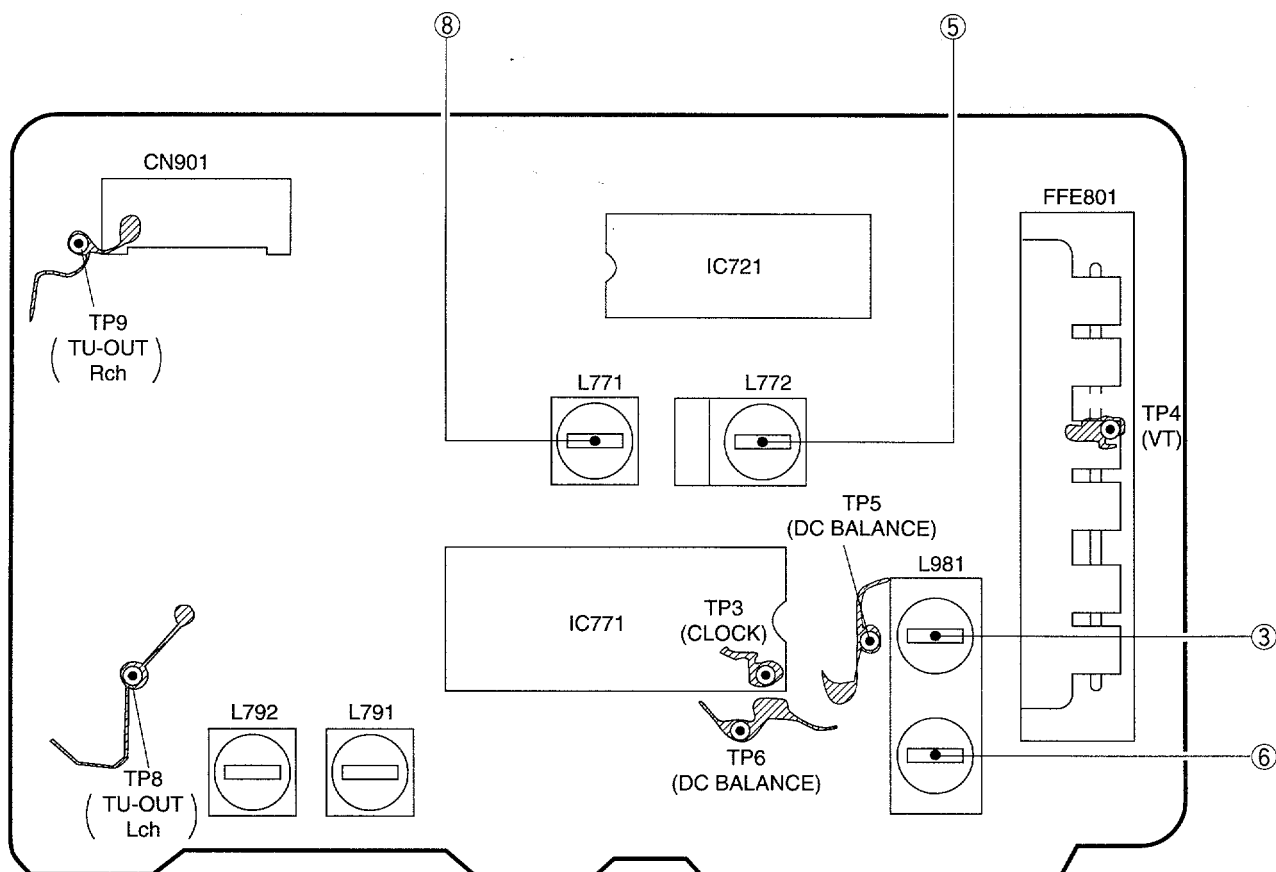


ANODO CONNECTION

ANODE CONNECTION		
	9G~2G	1G
P1	1-1	DOLBY PRO LOGIC
P2	2-1	DOLBY DIGITAL
P3	3-1	2CH DOWNMIX
P4	4-1	OVER LEVEL
P5	5-1	((⊙))
P6	1-2	MONO
P7	2-2	(DANCE)
P8	3-2	(ROCK)
P9	4-2	(LIVE)
P10	5-2	(POP)
P11	1-3	(HALL)
P12	2-3	(JAZZ)
P13	3-3	(ARENA)
P14	4-3	(CLASSIC)
P15	5-3	(BGM)
P16	1-4	(b)
P17	2-4	(#)
P18	3-4	b #

	9G~2G	1G
P19	4-4	S1
P20	5-4	AUTO
P21	1-5	VF
P22	2-5	kHz
P23	3-5	MHz
P24	4-5	SLEEP
P25	5-5	AG
P26	1-6	EON
P27	2-6	RDS
P28	3-6	BBE
P29	4-6	B6
P30	5-6	B5
P31	1-7	B4
P32	2-7	T-BASS
P33	3-7	B3
P34	4-7	B2
P35	5-7	B1

ELECTRICAL ADJUSTMENT [AV-D30HC, D50HC, D50LH, DV70HC]



1. AM VT Check

Setting:

Test point: TP4 (VT)

Method: [AV-D50LH]

Set to AM 1710 kHz and check that the test point is less than + 8.5 V.

Then set to AM 530 kHz and check that the test point is more than + 0.6 V.

Method: [AV-D30HC, D50HC, DV70HC]

Set to AM 1602 kHz and check that the test point is less than + 8.0 V.

Then set to AM 531 kHz and check that the test point is more than + 0.6 V.

2. FM VT Check

Setting

Test point: TP4 (VT)

Method

Set to FM 108.0 MHz and check that the test point is less than + 8.0 V.

Then set to FM 87.5 MHz and check that the test point is more than + 0.5 V.

3. AM VT Adjustment

Setting:

Test point: TP4 (VT)

Adjustment location: L981 (3/3)

Method:

Set to AM 1710 kHz and adjust L981 (3/3) that the test point is 8.5 ± 0.05 V.

Then set to AM 530 kHz and check that the test point is more than + 0.3 V.

4. Clock Frequency Check

Setting:

Test point: TP3 (CLOCK)

Method: [AV-D50LH]

Set to AM 1710 kHz and check that the test point is $2160 \text{ kHz} \pm 45 \text{ kHz}$.

Method: [AV-D30HC, D50HC, DV70HC]

Set to AM 1602 kHz and check that the test point is $2052 \text{ kHz} \pm 45 \text{ kHz}$.

5. AM IF Adjustment

Setting:

Test point: TP8 (Lch), TP9 (Rch),
Adjustment location: L772

Method:

Set to AM 999 kHz and adjust L772 that the test point is becomes maximum .

6. AM Tracking Adjustment

Setting:

Test point: TP8 (Lch), TP9 (Rch),
Adjustment location: L981 (1/3)

Method:

Set to AM 999 kHz and adjust L981 (1/3) that the test point is becomes maximum .

7. FM Tracking Check

Setting:

Test point: TP8 (Lch), TP9 (Rch),

Method:

Set to FM 98.0 MHz and check that the test point is less than 9 dBμV.

8. FM DC Balance Adjustment

Setting:

Test point: TP5, TP6
Adjustment location: L771

Method:

Set to FM 98.0 MHz and adjust L771 that the test point is 0 ± 0.04 V.

PRACTICAL SERVICE FIGURE [AV-D30HC, D50HC, D50LH, DV70HC]

TUNER SECTION

< FM SECTION >

IHF sensitivity: (THD 3 %)	Less than 10 dBμV (87.5 MHz)
	Less than 9 dBμV (98.0 MHz/108 MHz)
S/N 50 dB quieting sensitivity:	Less than 35 dBμV (98.0 MHz)
Signal to noise ratio:	More than 66 dB (98.0 MHz)
Distortion:	Less than 2.0% (98.0 MHz)
Stereo separation:	More than 30 dB (98.0 MHz)
Intermediate frequency:	10.7 MHz

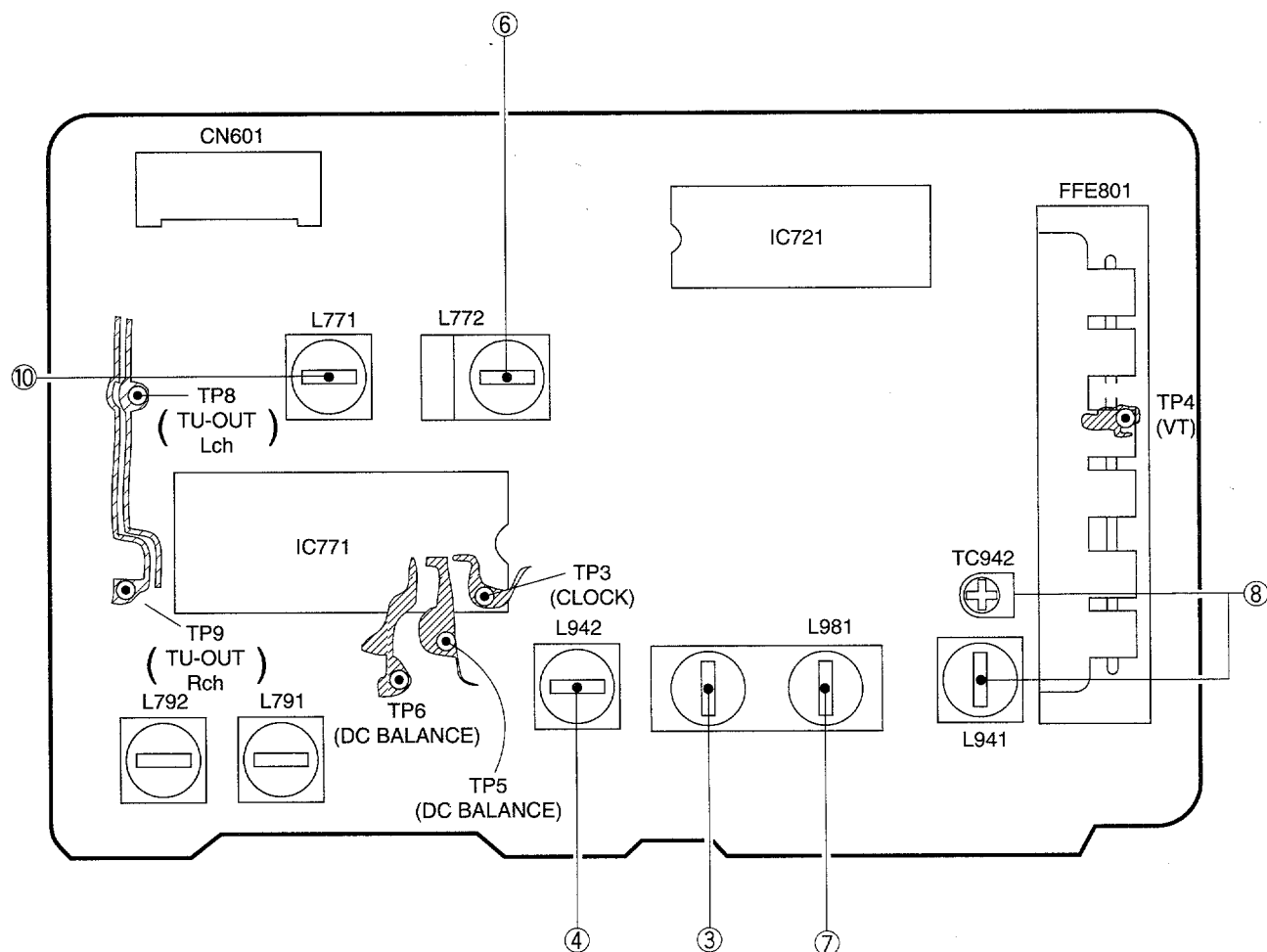
< AM SECTION > [AV-D50LH]

Sensitivity: (S/N 20 dB)	Less than 60 dBμV (600 kHz)
	Less than 58 dBμV (1000/1400 kHz)
Distortion:	Less than 1.5% (1000 kHz)
Auto stop level:	37 dB ~ 62 dB (1000 kHz)
Intermediate frequency:	450 kHz

< AM SECTION > [AV-D30HC, D50HC, DV70HC]

Sensitivity: (S/N 20 dB)	Less than 60 dBμV (603 kHz)
	Less than 58 dBμV (999/1404 kHz)
Distortion:	Less than 1.5% (999 kHz)
Auto stop level:	37 dB ~ 62 dB (999 kHz)
Intermediate frequency:	450 kHz

ELECTRICAL ADJUSTMENT [AV-D30EZ, D50EZ, DV70EZ]



1. MW VT Check

Setting:

Test point: TP4 (VT)

Method:

Set to MW 1602 kHz and check that the test point is less than + 8.0 V.

Then set to MW 531 kHz and check that the test point is more than + 0.6 V.

2. FM VT Check

Setting

Test point: TP4 (VT)

Method

Set to FM 108.0 MHz and check that the test point is less than + 8.0 V.

Then set to FM 87.5 MHz and check that the test point is more than + 0.5 V.

3. MW VT Adjustment

Setting:

Test point: TP4 (VT)

Adjustment location: L981 (3/3)

Method:

Set to MW 1710 kHz and adjust L981 (3/3) that the test point is 8.5 ± 0.05 V.

Then set to MW 530 kHz and check that the test point is more than + 0.3 V.

4. LW VT Adjustment

Setting:

Test point: TP4 (VT)

Adjustment location: L942

Method:

Set to LW 144 kHz and adjust L942 that the test point is 1.3 ± 0.05 V.

Then set to LW 290 kHz and check that the test point is more than + 8.0 V.

5. Clock Frequency Check

Setting:

Test point: TP3 (CLOCK)

Method:

Set to MW 1602 kHz and check that the test point is $2052 \text{ kHz} \pm 45 \text{ kHz}$.

6. AM IF Adjustment

Setting:

Test point: TP8 (Lch), TP9 (Rch)

Adjustment location: L772

Method:

Set to AM 999 kHz and adjust L772 that the test point becomes maximum.

7. AM Tracking Adjustment

Setting:

Test point: TP8 (Lch), TP9 (Rch)

Adjustment location: L981 (1/3)

Method:

Set to AM 999 kHz and adjust L981 (1/3) that the test point is becomes maximum.

8. LW Tracking Adjustment

Setting:

Test point: TP8 (Lch), TP9 (Rch)

Adjustment location: L941, TC942

Method:

Set up TC942 to center adjustment.

Set to LW 144 kHz and adjust L941 that the test point is becomes maximum.

Then set to LW290 kHz and adjust TC942 that the test point is becomes maximum.

Repeat above procedure 2-3 times.

9. FM Tracking Check

Setting:

Test point: TP8 (Lch), TP9 (Rch)

Method:

Set to FM 98.0 MHz and check that the test point is less than 10 dB μ V.

10. FM DC Balance Adjustment

Setting:

Test point: TP5, TP6

Adjustment location: L771

Method:

Set to FM 98.0 MHz and adjust L771 that the test point is 0 ± 0.04 V.

PRACTICAL SERVICE FIGURE [AV-D30EZ, D50EZ, DV70EZ]

TUNER SECTION

<FM SECTION>

IHF sensitivity: (THD 3 %)	Less than 11 dB μ V (87.5 MHz)
	Less than 10 dB μ V (98.0 MHz/108 MHz)
S/N 50 dB quieting sensitivity:	Less than 38 dB μ V (98.0 MHz)
Signal to noise ratio:	More than 66 dB (98.0 MHz)
Distortion:	Less than 2.0% (98.0 MHz)
Stereo separation:	More than 12 dB (98.0 MHz)
Intermediate frequency:	10.7 MHz

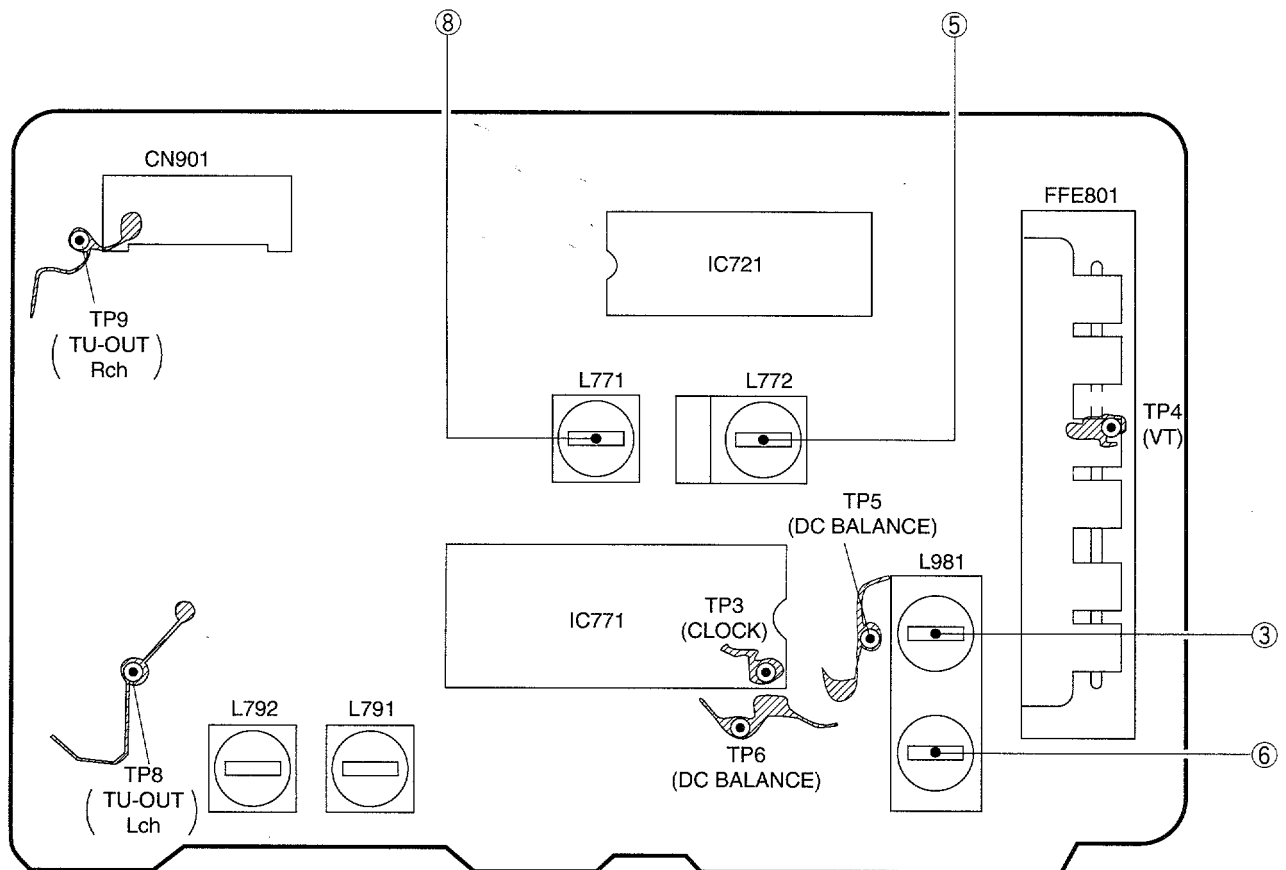
<MW SECTION>

Sensitivity: (S/N 20 dB)	Less than 60 dB μ V (603 kHz)
	Less than 58 dB μ V (999/1404 kHz)
Distortion:	Less than 1.5% (999 kHz)
Auto stop level:	37 dB ~ 62 dB (999 kHz)
Intermediate frequency:	450 kHz

<LW SECTION>

Sensitivity:	Less than 70 dB μ V (144 kHz)
	Less than 68 dB μ V (198/290 kHz)

ELECTRICAL ADJUSTMENT [AV-D25]



1. AM VT Check

Setting:

Test point: TP4 (VT)

Method:

Set to AM 1710 kHz and check that the test point is less than + 8.5 V.

Then set to AM 530 kHz and check that the test point is more than + 0.6 V.

2. FM VT Check

Setting:

Test point: TP4 (VT)

Method:

Set to FM 108.0 MHz and check that the test point is less than + 8.0 V.

Then set to FM 87.5 MHz and check that the test point is more than + 0.5 V.

3. AM VT Adjustment

Setting:

Test point: TP4 (VT)

Adjustment location: L981 (3/3)

Method:

Set to AM 1710 kHz and adjust L981 (3/3) that the test point is 8.5 ± 0.05 V.

Then set to AM 530 kHz and check that the test point is more than + 0.3 V.

4. Clock Frequency Check

Setting:

Test point: TP3 (CLOCK)

Method:

Set to AM 1710 kHz and check that the test point is $2160 \text{ kHz} \pm 45 \text{ kHz}$.

5. AM IF Adjustment

Setting:

Test point: TP8 (Lch), TP9 (Rch),

Adjustment location: L772

Method:

Set to AM 999 kHz and adjust L772 that the test point is becomes maximum.

6. AM Tracking Adjustment

Setting:

Test point: TP8 (Lch), TP9 (Rch),

Adjustment location: L981 (1/3)

Method:

Set to AM 999 kHz and adjust L981 (1/3) that the test point is becomes maximum.

7. FM Tracking Check

Setting:

Test point: TP8 (Lch), TP9 (Rch),

Method:

Set to FM 98.0 MHz and check that the test point is less than 9 dB μ V.

8. FM DC Balance Adjustment

Setting:

Test point: TP5, TP6

Adjustment location: L771

Method:

Set to FM 98.0 MHz and adjust L771 that the test point is 0 ± 0.04 V.

PRACTICAL SERVICE FIGURE [AV-D25]

TUNER SECTION

< FM SECTION >

IHF sensitivity: (THD 3 %)	Less than 10 dB μ V (87.5 MHz) Less than 9 dB μ V (98.0 MHz/108 MHz)
S/N 50 dB quieting sensitivity:	Less than 35 dB μ V (98.0 MHz)
Signal to noise ratio:	More than 66 dB (98.0 MHz)
Distortion:	Less than 2.0% (98.0 MHz)
Stereo separation:	More than 30 dB (98.0 MHz)
Intermediate frequency:	10.7 MHz

< AM SECTION >

Sensitivity: (S/N 20 dB)	Less than 60 dB μ V (600 kHz) Less than 58 dB μ V (1000/1400 kHz)
Distortion:	Less than 1.5% (1000 kHz)
Auto stop level:	37 dB ~ 62 dB (1000 kHz)
Intermediate frequency:	450 kHz

[illegible]

MECHANICAL PARTS LIST 1/1

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
1	88-AR4-005-010		PANEL,CTRL BLK<25>	20	88-AR1-203-010		HLDR,TU
1	88-AR3-012-010		PANEL,CTRL KARAOKE BLK<30HC>	21	88-AR4-601-010		PT,8AR-4 (U)<25>
1	88-AR3-008-010		PANEL,CTRL RDS BLK<30EZ>	21	88-AR3-602-010		PT,8AR-3 (HR)<30HC>
1	88-AR2-012-010		PANEL,CTRL BLK<50LH>	21	88-AR3-603-010		PT,8AR-3 (EZ)<30EZ>
1	88-AR2-014-010		PANEL,CTRL KARAOKE BLK<50HC>	21	88-AR2-605-010		PT,8AR-2 (LH)<50LH>
1	88-AR2-013-010		PANEL,CTRL RDS BLK<50EZ>	21	88-AR1-651-010		PT,8AR-1 (HR)<50HC,70HC>
1	88-AR1-004-010		PANEL,CTRL KARAOKE BLK<70HC>	21	88-AR1-652-010		PT,8AR-1 (EZ)<50EZ,70EZ>
1	88-AR1-016-010		PANEL,CTRL RDS BLK<70EZ>	22	88-AR1-644-010		FF-CABLE, 27P 1.25 400MM<25,50LH>
2	88-AR1-044-010		RING,FOOT BLK	22	88-AR1-645-010		FF-CABLE, 34P 1.25 400MM<EXCEPT 25,50LH>
3	88-AR1-045-010		KNOB,RTRY VOL BLK	23	88-911-161-110		FF-CABLE,11P 1.25
4	88-AR1-014-010		WINDOW,DISPLAY<EXCEPT 70HC,70EZ>	24	88-912-061-110		FF-CABLE, 12P 1.25<EXCEPT 30HC,50HC,70HC>
4	88-AR1-021-010		WINDOW,DISP DIGITAL<70HC,70EZ>	24	88-916-061-110		FF-CABLE, 16P 1.25<30HC,50HC,70HC>
5	82-NE6-067-010		BADGE,AIWA 30N	25	88-AR1-647-010		F-CABLE,12P 1.25 340MM<70HC,70EZ>
6	88-AR1-001-110		CABI,FR U BLK<25>	26	88-AR1-642-010		F-CABLE,9P -2.5
6	88-AR1-027-010		CABI,FR BLK<EXCEPT 25>	27	88-AR1-040-010		KEY,MIC BLK<30HC,50HC,70HC>
7	88-AR1-042-010		KEY,BALANCE BLK<EXCEPT 30HC,50HC,70HC>	28	87-064-185-010		HLDR,WIRE
8	88-AR3-026-110		KEY,10 BLK<25,30HC,30EZ>	29	88-AR1-202-010		HLDR,HT-SINK MAIN<EXCEPT 30HC,30EZ>
8	88-AR1-039-110		KEY,10 BLK<EXCEPT 25,30HC,30EZ>	30	88-AR2-201-010		HLDR,PWB PRO
9	88-AR2-007-110		KEY,FUN 5.1CH BLK<EXCEPT 70HC,70EZ>	31	88-AR2-203-010		HLDR,SIDE L
9	88-AR1-037-110		KEY,FUN BLK<70HC,70EZ>	32	88-AR2-204-010		HLDR,PWB HP
10	88-AR3-025-110		KEY,GEQ BLK<25,30HC,30EZ>	33	88-AR2-205-010		HLDR,PWB OSD
10	88-AR1-038-110		KEY,GEQ BLK<EXCEPT 25,30HC,30EZ>	34	88-AR1-211-010		HLDR,AC SW<30HC,50LH,50HC,70HC>
11	88-AR3-028-110		KEY,POWER BLK<25,30HC,30EZ>	35	88-AR3-027-110		KEY,KARAOKE BLK<30HC,30EZ>
11	88-AR1-036-110		KEY,POWER BLK<EXCEPT 25,30HC,30EZ>	35	88-AR1-041-110		KEY,KARAOKE BLK<50HC,70HC>
12	88-AR1-209-010		GUIDE,FL	35	88-AR1-019-110		KEY,RDS BLK<50EZ,70EZ>
13	88-AR3-013-010		FOOT,REAR<25,30HC,30EZ>	36	88-AR1-218-010		HLDR,PWB H8.9
13	82-AA1-029-110		FOOT (SG)<EXCEPT 25,30HC,30EZ>	A	87-067-703-010		TAPPING SCREW, BVT2+3-10
14	87-050-053-010		AC CORD ASSY,U-2<25>	B	87-067-584-010		TAPPING SCREW, BVT2+3-6
14	87-A80-083-010		AC CORD,HC BLK<30HC,70HC>	C	81-MK1-210-010		S-SCREW,VFT2+3-16
14	87-050-079-010		AC-CORD ASSY,E<EXCEPT 25,30HC,70HC>	D	88-AR1-217-010		S-SCREW,BFT2+3-8
15	87-085-189-010		BUSHING, CORD (U)<25>	E	87-591-094-410		TAPPING SCREW, QIT+3-6
15	87-085-185-010		BUSHING, AC CORD (E)<EXCEPT 25>	F	87-067-975-010		S-SCREW,IT+4-8
16	88-AR1-043-010		BTN,SP BLK	G	87-067-673-010		TAPPING SCREW, BUTT+3-8 (B)
17	88-AR4-004-010		CABI,STEEL BLK<25>	H	87-067-632-010		TAPPING SCREW, BVT2+3-15
17	88-AR1-003-010		CABI,STEEL BLK 0.72<EXCEPT 25,70HC,70EZ>	I	87-067-581-010		TAPPING SCREW, BVT2+3-15
17	88-AR1-035-110		CABI,STEEL BLK 0.92<70HC,70EZ>	J	87-067-641-010		UTT2+3-8(W/O SLOT)BL
18	88-AR4-002-010		PANEL,REAR UBN<25>	K	87-067-579-010		TAPPING SCREW, BVT2+3-8<70HC,70EZ>
18	88-AR3-019-010		PANEL,REAR HCBNM<30HC>				
18	88-AR3-022-010		PANEL,REAR EZBNM<30EZ>				
18	88-AR2-005-010		PANEL,REAR LHBNM<50LH>				
18	88-AR2-006-010		PANEL,REAR HCBNM<50HC>				
18	88-AR2-004-010		PANEL,REAR EZBNM<50EZ>				
18	88-AR1-029-010		PANEL,REAR HCBNM<70HC>				
18	88-AR1-031-010		PANEL,REAR EZBNM<70EZ>				
19	87-033-209-010		TERMINAL, EARTH				

ACCESSORIES LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
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REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
1	88-AR1-911-010		IB,H(EC-K)M<70HC>	3	87-006-225-010		AM LOOP ANT NC2<25>
1	88-AR1-906-010		IB,E(9L)M<70EZ>	4	87-043-115-010		ANT,FEEDER FM<70HC>
1	88-AR2-911-010		IB,H(EC-K)M<50HC>	4	87-043-106-010		WIRE, FM ANT (Z)<70EZ>
1	88-AR2-906-010		IB,E(9L)M<50EZ>	4	87-043-115-010		ANT,FEEDER FM<50HC,50LH>
1	88-AR2-902-010		IB,LH(ESP)M<50LH>	4	87-043-106-010		WIRE, FM ANT (Z)<50EZ>
1	88-AR3-911-010		IB,H(EC-K)M<30HC>	4	87-043-115-010		ANT,FEEDER FM<30HC>
1	88-AR3-906-010		IB,E(9L)M<30EZ>	4	87-043-106-010		WIRE, FM ANT (Z)<30EZ>
1	88-AR4-903-010		IB,U(ESF)M<25>	4	87-043-115-010		ANT,FEEDER FM<25>
2	88-AR1-655-010		RC UNIT,RC-8AR02<70HC,70EZ>	5	87-009-724-010		PLUG,CONVERSION IR39<70HC>
2	88-AR2-654-010		RC UNIT,RC-8AR03<50HC,50EZ,50LH>	5	87-099-789-010		PLUG,ADPTR IR44<50HC,50LH>
2	88-AR2-654-010		RC UNIT,RC-8AR03<30HC,30EZ>	5	87-099-789-010		PLUG,ADPTR IR44<30HC>
2	88-AR2-654-010		RC UNIT,RC-8AR03<25>				
3	87-006-225-010		AM LOOP ANT NC2<70HC,70EZ>				
3	87-006-225-010		AM LOOP ANT NC2<50HC,50EZ,50LH>				
3	87-006-225-010		AM LOOP ANT NC2<30HC,30EZ>				

REFERENCE NAME LIST

ELECTRICAL SECTION

DESCRIPTION	REFERENCE NAME
ANT	ANTENNAS
C-	CHIP
C-CAP	CAP, CHIP
C-CAP TN	CAP, CHIP TANTALUM
C-COIL	COIL, CHIP
C-DI	DIODE, CHIP
C-DIODE	DIODE, CHIP
C-FET	FET, CHIP
C-FOTR	FILTER, CHIP
C-JACK	JACK, CHIP
C-LED	LED, CHIP
C-RES	RES, CHIP
C-SFR	SFR, CHIP
C-SLIDE SW	SLIDE SWITCH, CHIP
C-SW	SWITCH, CHIP
C-TR	TRANSISTOR, CHIP
C-VR	VOLUME, CHIP
C-ZENER	ZENER, CHIP
CAP, CER	CAP, CERA-SOL
CAP, E	CAP, ELECT
CAP, M/F	CAP, FILM
CAP, TC	CAP, CERA-SOL
CAP, TC-U	CAP, CERA-SOL SS
CAP, TN	CAP, TANTALUM
CERA FIL	FILTER, CERAMIC
CF	FILTER, CERAMIC
DL	DELAY LINE
E/CAP	CAP, ELECT
FILT	FILTER
FLTR	FILTER
FUSE RES	RES, FUSE
MOT	MOTOR
P-DIODE	PHOTO DIODE
P-SNSR	PHOTO SENSER
P-TR	PHOTO TRANSISTOR
POLY VARI	VARIABLE CAPACITOR
PPCAP	CAP, PP
PT	POWER TRANSFORMER
PTR, RES	PTR, MELF
RC	REMOTE CONTROLLER
RES NF	RES, NON-FLAMMABLE
RESO	RESONATOR
SHLD	SHIELD
SOL	SOLENOID
SPKR	SPEAKER
SW, LVR	SWITCH, LEVER
SW, RTRY	SWITCH, ROTARY
SW, SL	SWITCH, SLIDE
TC CAP	CAP, CERA-SOL
THMS	THERMISTOR
TR	TRANSISTOR
TRIMMER	CAP, TRIMMER
TUN-CAP	VARIABLE CAPACITOR
VIB, CER	RESONATOR, CERAMIC
VIB, XTAL	RESONATOR, CRYSTAL
VR	VOLUME
ZENER	DIODE, ZENER

MECHANICAL SECTION

DESCRIPTION	REFERENCE NAME
ADHESHIVE	SHEET ADHESHIVE
AZ	AZIMUTH
BAR-ANT	BAR-ANTENNA
BAT	BATTERY
BATT	BATTERY
BRG	BEARING
BTN	BUTTON
CAB	CABINET
CASS	CASSETTE
CHAS	CHASSIS
CLR	COLLAR
CONT	CONTROL
CRSR	CURSOR
CU	CUSHION
CUSH	CUSHION
DIR	DIRECTION
DUBB	DUBBING
FL	FRONT LOADING
FLY-WHL	FLYWHEEL
FR	FRONT
FUN	FUNCTION
G-CU	G-CUSHION
HDL	HANDOL
HIMERON	CLOTH
HINGE, BAT	HINGE, BATTERY
HLDR	HOLDER
HT-SINK	HEAT SINK
IB	INSTRUCTION BOOKLET
IDLE	IDLER
IND, L-R	INDICATOR, L-R
KEY, CONT	KEY, CONTROL
KEY, PRGM	KEY, PROGRAM
KNOB, SL	KNOB, SLIDE
LBL	LABEL
LID, BATT	LID, BATTERY
LID, CASS	LID, CASSETTE
LVR	LEVER
P-SP	P-SPRING
PANEL, CONT	PANEL, CONTROL
PANEL, FR	PANEL, FRONT
PRGM	PROGRAM
PULLY, LOAD MO	PULLY, LOAD MOTOR
RBN	RIBBON
S-	SPECIAL
SEG	SEGMENT
SH	SHEET
SHLD-SH	SHIELD-SHEET
SL	SLIDE
SP	SPRING
SP-SCREW	SPECIAL-SCREW
SPACER, BAT	SPACER, BATTERY
SPR	SPRING
SPR-P	P-SPRING
SPR-PC-PUSH	P-SPRING, C-PUSH
T-SP	T-SPRING
TERM	TERMINAL
TRIG	TRIGGER
TUN	TUNING
VOL	VOLUME
W	WASHER
WHL	WHEEL
WORM-WHL	WORM-WHEEL

サービス技術ニュース	
番号	連絡内容
G- -	
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