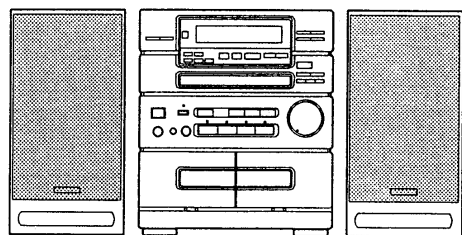


aiwa

NSX - 320



COMPACT DISC STEREO SYSTEM

- BASIC TAPE MECHANISM : 2ZM - 3 PR3
- BASIC CD MECHANISM : KSL - 2101ABM

• TYPE. V

[SUPPLEMENT]

■ Only the modifications are stated in this manual.

Use this manual with NSX - 320 (TYPE.HE) service manual (S/M Code No.0237)

MANUAL
SERVICE

SPECIFICATIONS

<FM section>

Frequency range	FM 1 (OIRT) 65 MHz to 74 MHz (10 kHz step) FM 2 (CCIR) 87.5 MHz to 108 MHz (50kHz step)
Usable sensitivity (IHF)	1.4 μ V (75 ohms) 14.2 dBf
Alternate channel selectivity	50 dB ($\pm$ 400 kHz)
Signal-to-noise ratio	STEREO: 70 dB MONO: 76 dB
Harmonic distortion	0.3 % (MONO), 1 kHz 0.5 % (STEREO, L-R), 1 kHz
Frequency response	30 Hz to 15 kHz (+0.5 dB, - 3 dB)
Stereo separation	33 dB at 1 kHz
Antenna	75 ohms (unbalanced)

<MW section>

Frequency range	531/530 kHz to 1,602/1,710 kHz (9/10 kHz step)
Usable sensitivity	350 μ V/m
Selectivity	22 dB (9 kHz)
Signal-to-noise ratio	53 dB (100 dB input)
Antenna	Loop antenna

<LW section>

Frequency range	144 kHz to 290 kHz
Sensitivity	1,400 μ V/m
Antenna	Loop antenna

<Timer section>

Program timer	On-timer, capable of free setting
Sleep timer	Capable of setting in 10-minute increments, 240 minutes maximum

<Amplifier section>

Power output	20W + 20W (6 ohms, T.H.D. 1% 1 kHz)
Harmonic distortion	0.055% (10 W, 1 kHz, 6 ohms)
Input sensitivity	VIDEO/AUX: 400 mV

<Cassette deck section>

Track format	4 tracks, 2 channels
Frequency response	CrO ₂ tape: 50 - 16,000 Hz Normal tape: 50 - 15,000 Hz
Signal-to-noise ratio	60 dB (DOLBY NR ON, CrO ₂ tape peak level)
Tape speed	4.8 cm/sec. (1 $\frac{7}{8}$ ips)
Recording system	AC bias
Erase system	AC erase
Motor	DC servomotor $\times$ 1
Heads	Playback head $\times$ 1 (deck 1) Recording/playback/erase head $\times$ 1 (deck 2)

<CD player section>

Disc	Compact disc
Scanning method	Non contact optical scanner (semiconductor laser application)
Laser	Semiconductor laser (λ = 780 nm)
Rotation speed	Approx. 500 rpm - 200 rpm (CLV)
Error correction	Cross Interleave, Reed Solomon code
No. of channels	2 channels
D-A conversion	16-bit linear
Wow/flutter	Unmeasurable
Signal-to-noise ratio	90 dB (1 kHz, 0 dB)
Harmonic distortion	0.05% (1 kHz, 0 dB)

<Speaker SX-N320>

Cabinet type	3way, bass reflex (Magnetism sealed type)
Speaker	130 mm (5 $\frac{1}{8}$ in.) cone type woofer 50 mm (2 in.) cone type tweeter 20 mm (1 $\frac{3}{16}$ in.) ceramic type super tweeter
Impedance	6 ohms
Music power	40 W
Output sound pressure level	87 dB/W/m
Dimensions (W $\times$ H $\times$ D)	180 $\times$ 302.5 $\times$ 200 mm (7 $\frac{1}{8}$ $\times$ 12 $\times$ 8 $\frac{3}{4}$ in.)
Weight	2.6 kg (5.7 lb.)

<General>

Power requirements	AC 230V, 50 Hz
Power consumption	125 W
Dimensions (W $\times$ H $\times$ D)	Center unit: 260 $\times$ 302.5 $\times$ 329.5 mm (10 $\frac{1}{4}$ $\times$ 12 $\times$ 13 in.) System: 620 $\times$ 302.5 $\times$ 329.5 mm (24 $\frac{1}{2}$ $\times$ 12 $\times$ 13 in.) Center unit: 6.2 kg (13.64 lb.) System: 11.4 kg (25.08 lb.)
Weight	FM feeder antenna (1) MW/LW loop antenna (1) Remote control (1)
Accessories	

- Design and specifications are subject to change without notice.
- Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
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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”.

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

V		XX		A
		KANRI		
REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
	00000000000000		FRONT CB	A
	82-MA2-203-010		GUIDE,FL 2	A
	87-033-147-010		CLAMP,FUSE	A
C 250	87-018-131-080		CAP,TC-U 1000P-50 B	A
FL 201	83-NE2-602-010		FL 10BT-128GK	A
IC 202	82-NE6-617-010		IC,GPIU581X	A
J 701	81-MX4-630-010		JACK,3.5	A
MVR801	83-NE2-605-010		VR,50KBX2 RK16812 MG	A
VR 701	81-MX4-637-010		VR 10KA RK11K1130	A
C 209	87-010-197-080		C-CAP,S 0.01-25 B	A
C 210	87-010-196-080		C-CAP,S 0.1-25 F	A
C 211	87-010-180-080		C-CAP,S 1500P-50 B	A
C 401	87-010-196-080		C-CAP,S 0.1-25 F	A
C 701	87-010-805-080		C-CAP,S 1-16F	A
C 702	87-010-179-080		C-CAP,S 1200P-50 B	A
C 705	87-010-172-080		C-CAP,S 330P-50 SL	A
C 706	87-012-141-080		C-CAP,S 0.22-16 F	A
C 708	87-010-172-080		C-CAP,S 330P-50 SL	A
C 804	87-010-192-080		C-CAP,S 0.022-50 F	A
C 807	87-010-149-080		C-CAP,S 5P-50 CH	A
C 808	87-010-149-080		C-CAP,S 5P-50 CH	A
C 809	87-010-183-080		C-CAP,S 2700P-50 B	A
C 810	87-010-183-080		C-CAP,S 2700P-50 B	A
C 813	87-010-182-080		C-CAP,S 2200P-50 B	A
C 814	87-010-182-080		C-CAP,S 2200P-50 B	A
C 815	87-010-316-080		C-CAP,S 33P-50 CH	A
C 816	87-010-316-080		C-CAP,S 33P-50 CH	A
C 817	87-010-194-080		C-CAP,S 0.047-25 F	A
C 818	87-010-194-080		C-CAP,S 0.047-25 F	A
C 819	87-010-182-080		C-CAP,S 2200P-50 B	A
C 820	87-010-182-080		C-CAP,S 2200P-50 B	A
C 823	87-010-176-080		C-CAP,S 680P-50 SL	A
C 824	87-010-176-080		C-CAP,S 680P-50 SL	A
C 841	87-010-197-080		C-CAP,S 0.01-25 B	A
C 842	87-010-197-080		C-CAP,S 0.01-25 B	A
D 203	87-020-027-080		C-DIODE,1SS184	A
D 301	87-020-125-080		C-DIODE,1SS181	A
D 302	87-020-125-080		C-DIODE,1SS181	A
D 303	87-020-125-080		C-DIODE,1SS181	A
D 304	87-020-125-080		C-DIODE,1SS181	A
D 305	87-020-125-080		C-DIODE,1SS181	A
D 306	87-020-125-080		C-DIODE,1SS181	A
D 307	87-020-125-080		C-DIODE,1SS181	A
D 308	87-020-125-080		C-DIODE,1SS181	A
D 401	87-020-125-080		C-DIODE,1SS181	A
D 501	87-020-125-080		C-DIODE,1SS181	A
IC 401	87-017-375-080		IC,TC4094BF	A
IC 402	87-017-375-080		IC,TC4094BF	A
IC 701	87-001-607-080		IC,NJM4558M	A
IC 801	87-001-607-080		IC,NJM4558M	A
IC 802	87-002-272-080		IC,TC4052 BF	A
Q 201	89-327-125-080		C-TR,2SC2712GR	A
Q 301	87-026-226-080		C-TR,DTA143EK	A
Q 401	87-026-238-080		C-TR,DTC144WK	A
Q 508	87-026-230-080		C-TR,DTA114YK	A
Q 601	87-026-238-080		C-TR,DTC144WK	A
Q 602	87-026-238-080		C-TR,DTC144WK	A
Q 603	87-026-238-080		C-TR,DTC144WK	A
Q 901	87-026-318-080		C-TR,DTC363EK	A
Q 902	87-026-318-080		C-TR,DTC363EK	A
	00000000000000		FRONT AI	A
C 201	87-010-392-040		CAP,E 33-35 SME	A
C 202	87-010-545-040		CAP E 0.22-50 SME	A
C 203	87-010-545-040		CAP E 0.22-50 SME	A
C 204	87-010-263-040		CAP,E 100-10	A
C 205	87-010-401-040		CAP,E 1-50 SME	A
C 206	87-015-695-040		E/CAP 1UF 50V TAPG	A
C 207	87-010-248-040		CAP,E 220-10 SME	A
C 208	87-010-405-040		CAP,E 10-50 SME	A

C	501	87-010-384-040	CAP,E 100-25 SME	A.....
C	703	87-010-401-040	CAP,E 1-50 SME	A.....
C	704	87-015-694-040	E/CAP 0.47-50	A.....
C	707	87-010-544-040	CAP,E 0.1-50 SME	A.....
C	709	87-010-248-040	CAP,E 220-10 SME	A.....
C	801	87-010-384-040	CAP,E 100-25 SME	A.....
C	802	87-010-248-040	CAP,E 220-10 SME	A.....
C	825	87-010-402-040	CAP,E 2.2-50 SME	A.....
C	826	87-010-402-040	CAP,E 2.2-50 SME	A.....
C	827	87-010-401-040	CAP,E 1-50 SME	A.....
C	828	87-010-401-040	CAP,E 1-50 SME	A.....
C	901	87-015-696-040	CAP,E 2.2-50 7L	A.....
D	201	87-001-914-080	ZENER UTZJ 6.2B	A.....
D	202	87-001-911-080	ZENER,UTZJ4.7A (TAPG)	A.....
D	204	87-017-437-080	DIODE,1N4148M	A.....
D	205	87-001-914-080	ZENER UTZJ 6.2B	A.....
D	309	87-017-437-080	DIODE,1N4148M	A.....
D	313	87-017-437-080	DIODE,1N4148M	A.....
D	314	87-017-437-080	DIODE,1N4148M	A.....
D	701	87-001-913-080	ZENER UTZJ5.6B	A.....
L	202	87-003-098-080	COIL,2.2UH	A.....
L	203	87-003-098-080	COIL,2.2UH	A.....
LED	401	87-002-816-080	LED,SEL 2415E GRN	A.....
LED	402	87-002-816-080	LED,SEL 2415E GRN	A.....
LED	403	87-002-816-080	LED,SEL 2415E GRN	A.....
LED	404	87-002-816-080	LED,SEL 2415E GRN	A.....
LED	405	87-002-816-080	LED,SEL 2415E GRN	A.....
LED	406	87-002-816-080	LED,SEL 2415E GRN	A.....
LED	407	87-002-738-080	LED,SEL2210R TP6	A.....
LED	408	87-002-738-080	LED,SEL2210R TP6	A.....
LED	409	87-002-738-080	LED,SEL2210R TP6	A.....
LED	410	87-002-738-080	LED,SEL2210R TP6	A.....
Q	501	87-026-610-080	TR, KTC3198GR	A.....
Q	502	87-026-609-080	TR, KTA1266GR	A.....
Q	503	87-026-610-080	TR, KTC3198GR	A.....
Q	504	87-026-609-080	TR, KTA1266GR	A.....
Q	505	89-109-521-080	TR,2SA952K	A.....
Q	506	89-109-521-080	TR,2SA952K	A.....
Q	507	89-332-665-080	TR,2SC3266GR	A.....
S	301	87-036-259-080	SW,TACT SKHVBB	A.....
S	302	87-036-259-080	SW,TACT SKHVBB	A.....
S	303	87-036-259-080	SW,TACT SKHVBB	A.....
S	304	87-036-259-080	SW,TACT SKHVBB	A.....
S	305	87-036-259-080	SW,TACT SKHVBB	A.....
S	306	87-036-259-080	SW,TACT SKHVBB	A.....
S	307	87-036-259-080	SW,TACT SKHVBB	A.....
S	308	87-036-259-080	SW,TACT SKHVBB	A.....
S	309	87-036-259-080	SW,TACT SKHVBB	A.....
S	310	87-036-259-080	SW,TACT SKHVBB	A.....
S	311	87-036-259-080	SW,TACT SKHVBB	A.....
S	312	87-036-259-080	SW,TACT SKHVBB	A.....
S	313	87-036-259-080	SW,TACT SKHVBB	A.....
S	314	87-036-259-080	SW,TACT SKHVBB	A.....
S	315	87-036-259-080	SW,TACT SKHVBB	A.....
S	316	87-036-259-080	SW,TACT SKHVBB	A.....
S	317	87-036-259-080	SW,TACT SKHVBB	A.....
S	318	87-036-259-080	SW,TACT SKHVBB	A.....
S	319	87-036-259-080	SW,TACT SKHVBB	A.....
S	320	87-036-259-080	SW,TACT SKHVBB	A.....
S	321	87-036-259-080	SW,TACT SKHVBB	A.....
S	322	87-036-259-080	SW,TACT SKHVBB	A.....
S	323	87-036-259-080	SW,TACT SKHVBB	A.....
X	201	87-008-394-080	CF CST 4.19 MGW	A.....
		00000000000000	MAIN CB	A.....
		81-653-648-010	ANT TERM EARTH PAL	A.....
		81-MX4-619-010	AM PACK 4	A.....
		81-MX4-645-210	F-CABLE 7P-2.0	A.....
		82-NE8-655-010	FE PACK OIRT	A.....
C	101	87-010-398-090	CAP,E 2200-35V	A.....
C	102	87-010-399-090	CAP, E 3300-35 SME	A.....
CF	801	87-008-261-010	FLTR,SFE10.7MA5-A	A.....
CF	802	87-008-261-010	FLTR,SFE10.7MA5-A	A.....
D	101	87-002-225-010	DIODE DBF 40C-K10	A.....
IC	211	87-020-899-010	IC STK4122-MK2	A.....
IC	301	87-020-758-010	IC NJM 2068 SD	A.....
IC	351	87-020-758-010	IC NJM 2068 SD	A.....
IC	401	87-002-727-010	IC,NJM4558L	A.....
IC	501	87-001-874-010	HA12134A	A.....
IC	601	87-002-218-010	IC,XRC5451AP	A.....
IC	602	87-017-374-010	IC,TC4094BP	A.....
IC	603	87-017-374-010	IC,TC4094BP	A.....
IC	604	87-017-448-010	IC,GD4052B	A.....

IC 720	87-001-376-010	IC LC7218	A.....
IC 721	87-017-434-010	IC, KIA6043S	A.....
IC 741	87-020-949-010	IC, LA1266	A.....
J 250	87-049-855-010	JACK, 6.3 W/S	A.....
J 254	87-033-226-010	TERMINAL, SP 4P (JT)	A.....
J 652	80-MT3-616-010	JACK, PIN 2P	A.....
J 801	87-033-230-010	TERMINAL, ANT AJ-2016	A.....
L 451	82-NV3-610-010	COIL, OSC BIAS 85K	A.....
L 701	81-631-643-010	COIL 1 POLE MPX	A.....
L 702	81-631-643-010	COIL 1 POLE MPX	A.....
L 741	81-631-611-010	COIL, QUAD (SINGLE)	A.....
L 742	87-008-491-010	FLTR, PACFAZ 450	A.....
L 941	87-006-208-010	COIL, ANT LW	A.....
L 942	87-007-305-010	COIL OSC LW S	A.....
Q 101	89-213-702-010	TR 2SB1370E	A.....
Q 115	89-213-702-010	TR 2SB1370E	A.....
SFR721	87-024-352-080	SFR, 4.7K DIA6 H	A.....
W 101	83-NE2-618-010	F-CABEL, 5P-2.5	A.....
W 601	83-NE2-691-010	F-CABLE 6P-2.0	A.....
X 701	87-030-163-010	VIB, XTAL 7.2MHZ (NDK)	A.....
	00000000000000	MAIN AI	A.....
C 104	87-010-980-080	CAP, E 330-16 FS	A.....
C 105	87-010-101-080	CAP, E 220-16 SME	A.....
C 106	87-010-408-080	CAP, E 47-50 SME	A.....
C 107	87-010-408-080	CAP, E 47-50 SME	A.....
C 108	87-010-408-080	CAP, E 47-50 SME	A.....
C 109	87-010-263-080	CAP, E 100-10	A.....
C 110	87-010-263-080	CAP, E 100-10	A.....
C 112	87-010-260-080	CAP, E 47-25 SME	A.....
C 113	87-010-403-080	CAP, E 3.3-50 SME	A.....
C 116	87-018-127-080	CAP, TC-U 470P-50 B	A.....
C 123	87-010-404-080	CAP, E 4.7-50 SME	A.....
C 124	87-010-404-080	CAP, E 4.7-50 SME	A.....
C 215	87-018-131-080	CAP, TC-U 1000P-50 B	A.....
C 216	87-018-131-080	CAP, TC-U 1000P-50 B	A.....
C 217	87-010-401-080	CAP, E 1-50 SME	A.....
C 218	87-010-401-080	CAP, E 1-50 SME	A.....
C 221	87-010-402-080	CAP, E 2.2-50 SME	A.....
C 222	87-010-402-080	CAP, E 2.2-50 SME	A.....
C 223	87-010-260-080	CAP, E 47-25 SME	A.....
C 224	87-010-260-080	CAP, E 47-25 SME	A.....
C 225	87-010-260-080	CAP, E 47-25 SME	A.....
C 226	87-010-260-080	CAP, E 47-25 SME	A.....
C 227	87-018-214-080	CAP TC U 0.1-50 F	A.....
C 228	87-018-214-080	CAP TC U 0.1-50 F	A.....
C 236	87-010-408-080	CAP, E 47-50 SME	A.....
C 243	87-018-104-080	CAP, TC-U 10P-50 SL	A.....
C 244	87-018-104-080	CAP, TC-U 10P-50 SL	A.....
C 303	87-018-124-080	CAP, TC-U 270P-50 B	A.....
C 304	87-018-124-080	CAP, TC-U 270P-50 B	A.....
C 309	87-018-134-080	CAP, TC-U 0.01-16 Y	A.....
C 310	87-018-134-080	CAP, TC-U 0.01-16 Y	A.....
C 313	87-018-205-080	CAP, TC-U 0.022-25 F	A.....
C 314	87-010-260-080	CAP, E 47-25 SME	A.....
C 351	87-018-121-080	CAP, TC-U 150P-50 B	A.....
C 352	87-018-121-080	CAP, TC-U 150P-50 B	A.....
C 353	87-018-124-080	CAP, TC-U 270P-50 B	A.....
C 354	87-018-124-080	CAP, TC-U 270P-50 B	A.....
C 355	87-010-260-080	CAP, E 47-25 SME	A.....
C 361	87-018-134-080	CAP, TC-U 0.01-16 Y	A.....
C 362	87-018-134-080	CAP, TC-U 0.01-16 Y	A.....
C 365	87-018-205-080	CAP, TC-U 0.022-25 F	A.....
C 401	87-010-402-080	CAP, E 2.2-50 SME	A.....
C 402	87-010-402-080	CAP, E 2.2-50 SME	A.....
C 407	87-010-401-080	CAP, E 1-50 SME	A.....
C 408	87-010-401-080	CAP, E 1-50 SME	A.....
C 415	87-018-121-080	CAP, TC-U 150P-50 B	A.....
C 416	87-018-121-080	CAP, TC-U 150P-50 B	A.....
C 451	87-018-123-080	CAP, TC-U 220P-50 B	A.....
C 452	87-018-123-080	CAP, TC-U 220P-50 B	A.....
C 453	87-018-131-080	CAP, TC-U 1000P-50 B	A.....
C 455	87-018-131-080	CAP, TC-U 1000P-50 B	A.....
C 456	87-010-260-080	CAP, E 47-25 SME	A.....
C 459	87-018-198-080	CAP, TC-U 2700P-16 X	A.....
C 501	87-010-405-080	CAP, E 10-50 SME	A.....
C 502	87-010-405-080	CAP, E 10-50 SME	A.....
C 503	87-018-195-080	CAP, TC-U 1200P-16 X	A.....
C 504	87-018-195-080	CAP, TC-U 1200P-16 X	A.....
C 505	87-010-401-080	CAP, E 1-50 SME	A.....
C 506	87-010-401-080	CAP, E 1-50 SME	A.....
C 507	87-018-131-080	CAP, TC-U 1000P-50 B	A.....
C 508	87-018-131-080	CAP, TC-U 1000P-50 B	A.....

C 509	87-010-371-080	CAP,E 470-6.3	A.....
C 515	87-010-545-080	CAP,E 0.22-50 SME	A.....
C 516	87-010-545-080	CAP,E 0.22-50 SME	A.....
C 517	87-010-400-080	CAP,E 0.47-50 SME	A.....
C 518	87-010-400-080	CAP,E 0.47-50 SME	A.....
C 522	87-018-115-080	CAP,TC-U 47P-50 SL	A.....
C 525	87-010-405-080	CAP,E 10-50 SME	A.....
C 527	87-010-401-080	CAP,E 1-50 SME	A.....
C 581	87-010-405-080	CAP,E 10-50 SME	A.....
C 582	87-010-405-080	CAP,E 10-50 SME	A.....
C 601	87-010-401-080	CAP,E 1-50 SME	A.....
C 602	87-010-401-080	CAP,E 1-50 SME	A.....
C 605	87-018-121-080	CAP,TC-U 150P-50 B	A.....
C 606	87-018-121-080	CAP,TC-U 150P-50 B	A.....
C 607	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 608	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 609	87-010-401-080	CAP,E 1-50 SME	A.....
C 610	87-010-401-080	CAP,E 1-50 SME	A.....
C 611	87-010-404-080	CAP,E 4.7-50 SME	A.....
C 612	87-010-404-080	CAP,E 4.7-50 SME	A.....
C 615	87-018-198-080	CAP,TC-U 2700P-16 X	A.....
C 616	87-018-198-080	CAP,TC-U 2700P-16 X	A.....
C 617	87-018-122-080	CAP,TC-U 180P-50 B	A.....
C 618	87-018-122-080	CAP,TC-U 180P-50 B	A.....
C 621	87-010-400-080	CAP,E 0.47-50 SME	A.....
C 622	87-010-400-080	CAP,E 0.47-50 SME	A.....
C 623	87-010-404-080	CAP,E 4.7-50 SME	A.....
C 624	87-010-404-080	CAP,E 4.7-50 SME	A.....
C 628	87-010-404-080	CAP,E 4.7-50 SME	A.....
C 630	87-010-405-080	CAP,E 10-50 SME	A.....
C 631	87-010-401-080	CAP,E 1-50 SME	A.....
C 632	87-010-401-080	CAP,E 1-50 SME	A.....
C 633	87-010-101-080	CAP,E 220-16 SME	A.....
C 635	87-010-405-080	CAP,E 10-50 SME	A.....
C 636	87-010-404-080	CAP,E 4.7-50 SME	A.....
C 699	87-018-127-080	CAP,TC-U 470P-50 B	A.....
C 700	87-010-221-080	CAP,E 470-10	A.....
C 701	87-010-384-080	CAP,E 100-25 SME	A.....
C 702	87-010-404-080	CAP,E 4.7-50 SME	A.....
C 703	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 705	87-010-248-080	CAP,E 220-10 SME	A.....
C 706	87-018-214-080	CAP TC U 0.1-50 F	A.....
C 710	87-018-149-080	CAP,TC-U 15P-50 CH	A.....
C 713	87-018-199-080	CAP,TC-U 3300P-16 X	A.....
C 714	87-018-199-080	CAP,TC-U 3300P-16 X	A.....
C 715	87-018-195-080	CAP,TC-U 1200P-16 X	A.....
C 716	87-018-195-080	CAP,TC-U 1200P-16 X	A.....
C 720	87-018-121-080	CAP,TC-U 150P-50 B	A.....
C 721	87-010-401-080	CAP,E 1-50 SME	A.....
C 722	87-010-401-080	CAP,E 1-50 SME	A.....
C 723	87-010-405-080	CAP,E 10-50 SME	A.....
C 724	87-014-057-080	CAP,PP 1000P-100 J	A.....
C 725	87-010-401-080	CAP,E 1-50 SME	A.....
C 726	87-010-403-080	CAP,E 3.3-50 SME	A.....
C 731	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 732	87-018-131-080	CAP,TC-U 1000P-50 B	A.....
C 734	87-018-131-080	CAP,TC-U 1000P-50 B	A.....
C 741	87-010-402-080	CAP,E 2.2-50 SME	A.....
C 742	87-018-125-080	CAP,TC-U 330P-50 B	A.....
C 743	87-010-382-080	CAP,E 22-25 SME	A.....
C 744	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 745	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 746	87-010-401-080	CAP,E 1-50 SME	A.....
C 748	87-010-404-080	CAP,E 4.7-50 SME	A.....
C 749	87-010-403-080	CAP,E 3.3-50 SME	A.....
C 750	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 751	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 752	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 754	87-010-260-080	CAP,E 47-25 SME	A.....
C 755	87-010-401-080	CAP,E 1-50 SME	A.....
C 756	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 757	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 758	87-010-404-080	CAP,E 4.7-50 SME	A.....
C 759	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 760	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 761	87-018-131-080	CAP,TC-U 1000P-50 B	A.....
C 771	87-018-214-080	CAP TC U 0.1-50 F	A.....
C 772	87-018-214-080	CAP TC U 0.1-50 F	A.....
C 777	87-010-248-080	CAP,E 220-10 SME	A.....
C 778	87-018-119-080	CAP,TC-U 100P-50 B	A.....
C 780	87-018-109-080	CAP,TC-U 22P-50 SL	A.....
C 789	87-018-131-080	CAP,TC-U 1000P-50 B	A.....

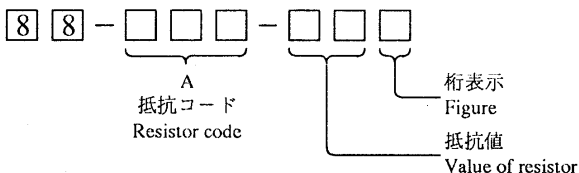
C	816	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C	817	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C	818	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C	819	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C	820	87-010-260-080	CAP,E 47-25 SME	A.....
C	821	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C	826	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C	830	87-018-214-080	CAP TC U 0.1-50 F	A.....
C	941	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C	942	87-018-105-080	CAP,TC-U 12P-50 SL	A.....
C	944	87-018-104-080	CAP,TC-U 10P-50 SL	A.....
C	945	87-014-050-080	CAP,PP 510P-100 J	A.....
C	946	87-010-401-080	CAP,E 1-50 SME	A.....
C	949	87-018-214-080	CAP TC U 0.1-50 F	A.....
C	983	87-010-544-080	CAP,E 0.1-50	A.....
C	990	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
D	106	87-001-574-080	DIODE 1SR139-200	A.....
D	107	87-001-574-080	DIODE 1SR139-200	A.....
D	108	87-020-691-080	DIODE,1SS132	A.....
D	109	87-020-691-080	DIODE,1SS132	A.....
D	113	87-001-916-080	ZENER UTZJ10B	A.....
D	114	87-002-743-080	ZENER,MTZJ 33B	A.....
D	203	87-020-691-080	DIODE,1SS132	A.....
D	206	87-020-691-080	DIODE,1SS132	A.....
D	451	87-001-559-080	DIODE ISS 131 (T-72)	A.....
D	452	87-020-691-080	DIODE,1SS132	A.....
D	523	87-001-913-080	ZENER UTZJ5.6B	A.....
D	610	87-002-843-080	DIODE,1SS108	A.....
D	740	87-001-913-080	ZENER UTZJ5.6B	A.....
D	744	87-020-691-080	DIODE,1SS132	A.....
D	745	87-020-691-080	DIODE,1SS132	A.....
D	941	87-020-691-080	DIODE,1SS132	A.....
D	942	87-020-691-080	DIODE,1SS132	A.....
D	943	87-020-691-080	DIODE,1SS132	A.....
L	401	87-005-580-080	COIL,10MHJ	A.....
L	402	87-005-580-080	COIL,10MHJ	A.....
L	403	87-005-525-080	COIL, 22MH-J	A.....
L	404	87-005-525-080	COIL, 22MH-J	A.....
L	832	87-003-098-080	COIL,2.2UH	A.....
Q	103	89-332-665-080	TR,2SC3266GR	A.....
Q	104	87-026-610-080	TR, KTC3198GR	A.....
Q	105	87-026-462-080	TR, 2SC1740S (RS)	A.....
Q	106	89-332-665-080	TR,2SC3266GR	A.....
Q	107	87-026-462-080	TR, 2SC1740S (RS)	A.....
Q	108	87-026-462-080	TR, 2SC1740S (RS)	A.....
Q	109	87-026-609-080	TR, KTA1266GR	A.....
Q	110	87-026-462-080	TR, 2SC1740S (RS)	A.....
Q	111	87-026-462-080	TR, 2SC1740S (RS)	A.....
Q	112	87-026-611-080	TR,KTA1266	A.....
Q	203	89-406-555-080	TR,2SD655E	A.....
Q	204	89-406-555-080	TR,2SD655E	A.....
Q	206	87-026-292-080	TRANSISTOR,DTA 144WS	A.....
Q	207	87-026-462-080	TR, 2SC1740S (RS)	A.....
Q	208	87-026-462-080	TR, 2SC1740S (RS)	A.....
Q	301	87-026-218-080	TR,DTC144ES	A.....
Q	302	87-026-218-080	TR,DTC144ES	A.....
Q	303	87-026-218-080	TR,DTC144ES	A.....
Q	304	87-026-218-080	TR,DTC144ES	A.....
Q	351	89-503-655-680	FET,2SK365 GR,BL	A.....
Q	352	89-503-655-680	FET,2SK365 GR,BL	A.....
Q	353	87-026-463-080	TR, 2SA933S (RS)	A.....
Q	354	87-026-463-080	TR, 2SA933S (RS)	A.....
Q	355	87-026-218-080	TR,DTC144ES	A.....
Q	356	87-026-218-080	TR,DTC144ES	A.....
Q	357	87-026-463-080	TR, 2SA933S (RS)	A.....
Q	358	87-026-463-080	TR, 2SA933S (RS)	A.....
Q	401	87-026-463-080	TR, 2SA933S (RS)	A.....
Q	402	87-026-463-080	TR, 2SA933S (RS)	A.....
Q	403	87-026-218-080	TR,DTC144ES	A.....
Q	404	87-026-218-080	TR,DTC144ES	A.....
Q	405	87-026-463-080	TR, 2SA933S (RS)	A.....
Q	406	87-026-463-080	TR, 2SA933S (RS)	A.....
Q	451	89-333-317-080	TR,2SC3331T	A.....
Q	452	89-333-317-080	TR,2SC3331T	A.....
Q	453	87-026-609-080	TR, KTA1266GR	A.....
Q	454	89-109-705-080	TR,2SA970GR	A.....
Q	456	87-026-289-080	TR, DTC 143 XS (TP)	A.....
Q	521	87-026-462-080	TR, 2SC1740S (RS)	A.....
Q	522	87-026-462-080	TR, 2SC1740S (RS)	A.....
Q	701	89-502-464-080	FET,2SK246Y	A.....
Q	702	89-318-154-080	TR,2SC1815Y	A.....
Q	721	87-026-214-080	TR,DTA114YS	A.....

Q 723	87-026-463-080	TR, 2SA933S (RS)	A.....
Q 741	87-026-462-080	TR, 2SC1740S (RS)	A.....
Q 775	87-026-462-080	TR, 2SC1740S (RS)	A.....
Q 776	87-026-462-080	TR, 2SC1740S (RS)	A.....
Q 805	89-319-233-080	TR,2SC1923(O)	A.....
Q 806	87-026-214-080	TR,DTA114YS	A.....
Q 807	87-026-214-080	TR,DTA114YS	A.....
Q 809	87-026-215-080	TR,DTC114YS	A.....
Q 941	89-320-011-080	TR,2SC2001K	A.....
Q 942	89-320-011-080	TR,2SC2001K	A.....
Q 961	89-505-445-080	FET,2SK544E	A.....
R 105	87-022-050-080	RESIS METAL 1W-0.22J	A.....
R 106	87-022-050-080	RESIS METAL 1W-0.22J	A.....
R 243	87-022-184-080	RES METAL 0.33-1W	A.....
R 244	87-022-184-080	RES METAL 0.33-1W	A.....
SFR301	87-024-349-080	SFR,1K DIA6 H	A.....
SFR302	87-024-349-080	SFR,1K DIA6 H	A.....
SFR351	87-024-349-080	SFR,1K DIA6 H	A.....
SFR352	87-024-349-080	SFR,1K DIA6 H	A.....
SFR401	87-024-352-080	SFR,4.7K DIA6 H	A.....
SFR402	87-024-352-080	SFR,4.7K DIA6 H	A.....
SFR451	87-024-356-080	SFR,47K DIA6 H	A.....
SFR452	87-024-356-080	SFR,47K DIA6 H	A.....
SFR722	87-024-354-080	SFR,22K DIA6 H	A.....
SFR723	87-024-355-080	SFR,33K DIA6 H	A.....
TC 701	87-011-221-080	TRIMER.30P VCT51	A.....
TC 942	87-011-221-080	TRIMER.30P VCT51	A.....
C 520	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 521	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 840	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
C 853	87-018-134-080	CAP,TC-U 0.01-16 Y	A.....
	00000000000000	M-LINE	A.....
	81-MX4-210-010	GUIDE,PLAY	A.....
	82-NE8-656-010	IC,UPD78044GF-051	A.....
	83-NE2-611-010	PT,3NE2 EKZ	A.....
	87-035-358-010	FUSE,400MA 250V T E	A.....
	87-050-034-010	AC CORD ASSY,E	A.....
	87-085-185-010	BUSHING,AC CORD E	A.....
C 260	87-018-124-080	CAP,TC-U 270P-50 B	A.....

○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

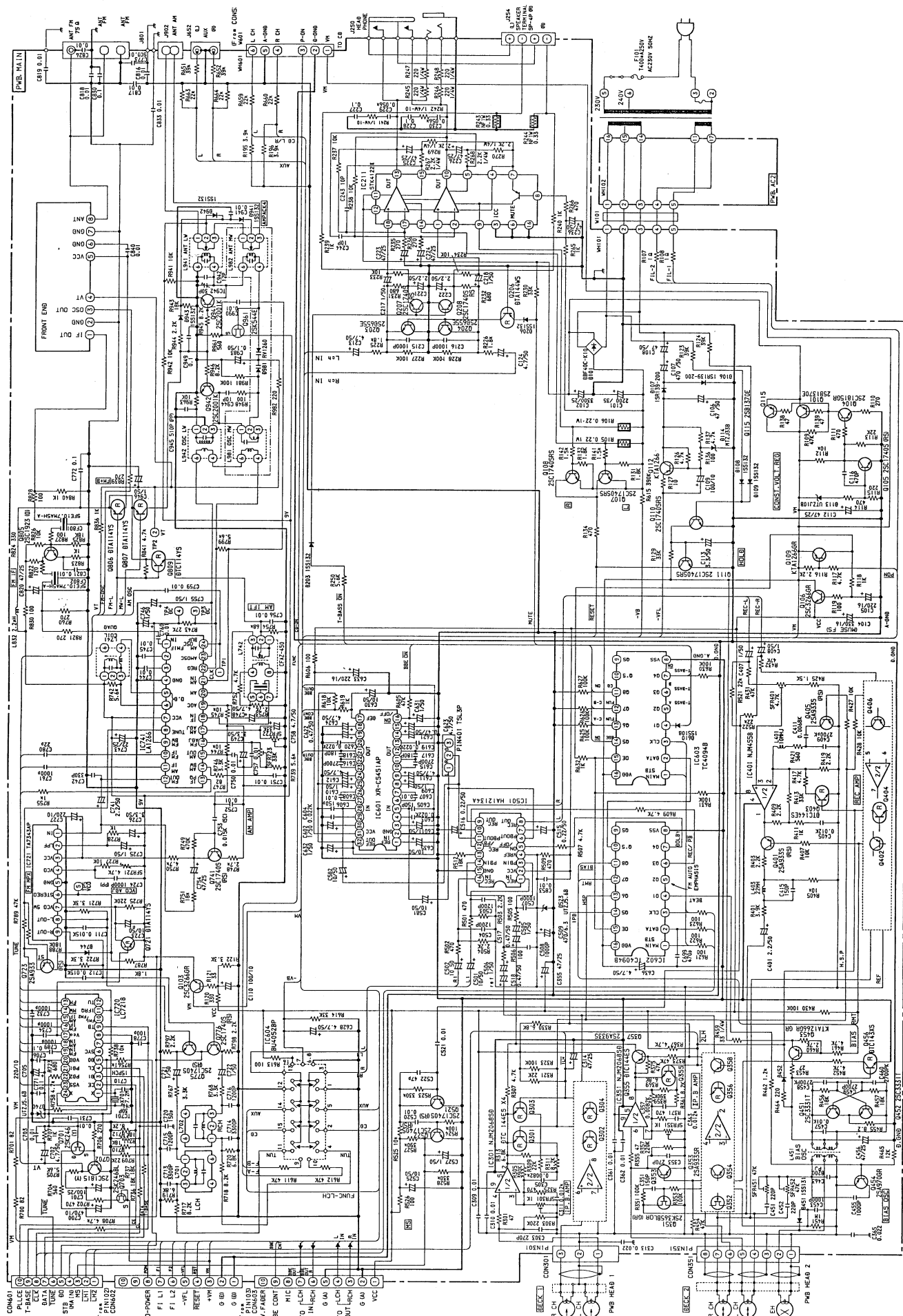


チップ抵抗

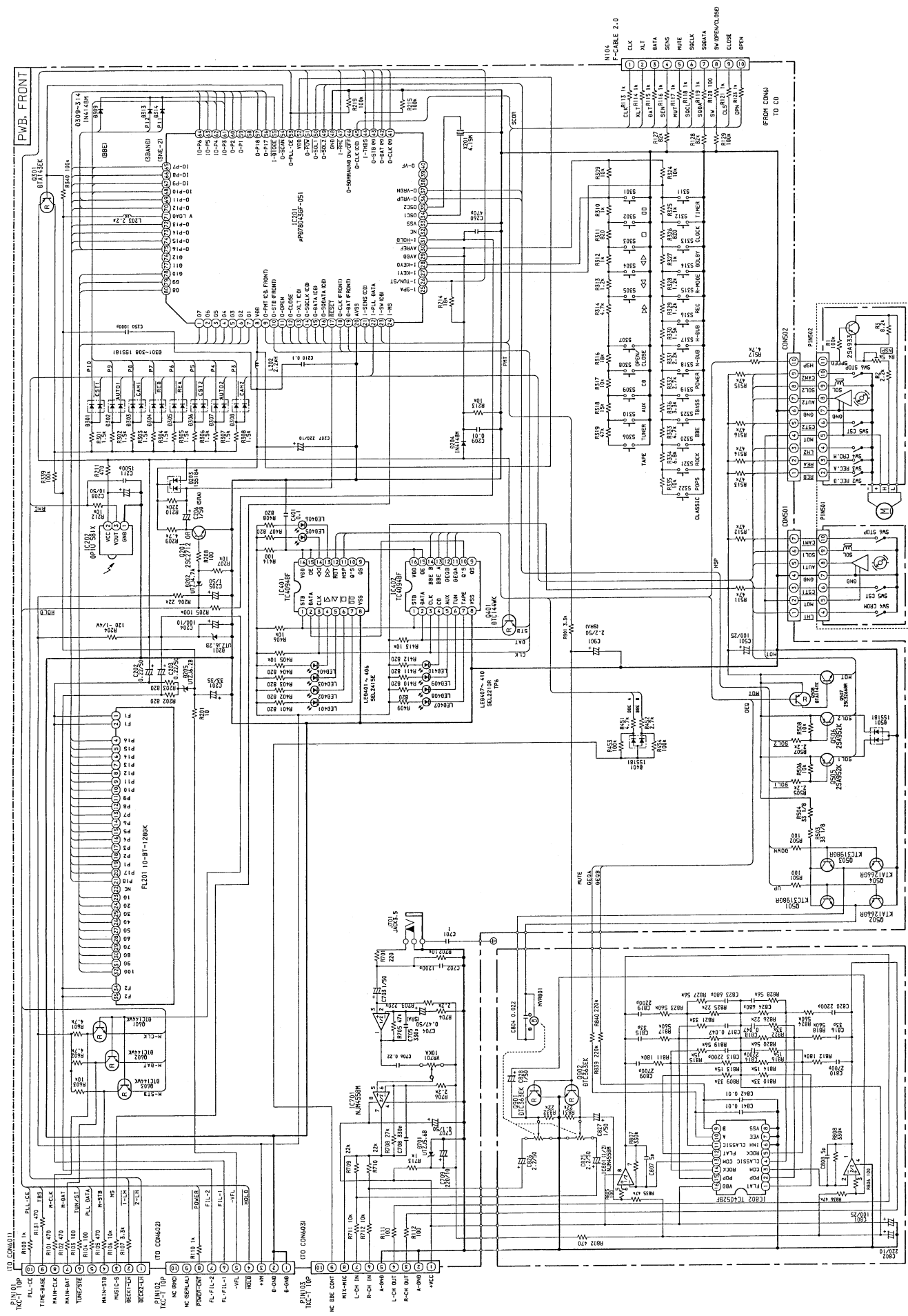
Chip resistor

Wattage 容量	Type 種類	Tolerance 許容誤差	Symbol 記号	Dimensions／寸法 (mm)				Resistor code : A 抵抗コード : A
				Form/外形	L	W	t	
1/32W	1608	±5%	CJ		1.6	0.8	0.35	108
1/10W	2125	±5%	CJ		2	1.25	1.45	118
1/8W	3216	±5%	CJ		3.2	1.6	0.5 ~0.7	128

SCHEMATIC DIAGRAM - 1



SCHEMATIC DIAGRAM - 2



■ ACCESSORIES/PACKAGE 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”.

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

V	.....	XX	.....	A	.....
		KANRI			
REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX	
	83-NE2-916-010		IB,V(S)-1	A	.....
	81-748-632-010		FEEDER ANT FMN	A	.....
	83-NE2-650-010		RC,RC-TN320(EX)	A	.....
	87-006-226-010		AM LOOP ANT CON2	A	.....

MECHANICAL 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”.

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

V	.....	XX	.....	A	.....
		KANRI			
REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX	
	81-MX4-032-010		BADGE,AIWA N	A	.....
	83-NE2-017-110		BOX,CASS 1 EX	A	.....
	83-NE2-018-110		BOX,CASS 2 EX	A	.....
	83-NE2-020-310		CAB,FR E	A	.....
	83-NE2-046-010		CAB,STEEL	A	.....
	83-NE2-077-010		PANEL,REAR VBNM	A	.....
	81-MX4-007-010		KEY,POWER	A	.....
	81-MX4-010-010		KEY,PLAY	A	.....
	81-MX4-011-010		KEY,DUBB	A	.....
	81-MX4-019-010		KNOB,MIC	A	.....
	83-NE2-002-010		KEY,TU	A	.....
	83-NE2-003-010		KEY,CD	A	.....
	83-NE2-022-010		KEY,FUN	A	.....
	83-NE2-023-010		KNOB ASSY,VOL	A	.....
	81-532-080-010		LBL,CASS-COMPT	A	.....
	81-MX4-014-110		WINDOW BOX 1	A	.....
	81-MX4-020-010		IND,FUN	A	.....
	83-NE2-004-010		WINDOW,DISPLAY	A	.....
	83-NE2-075-010		PANEL,TRAY HM	A	.....
	80-VT1-202-010		FELT,12.5-15.5-2	A	.....
	81-MX4-223-010		SPR-P,CASS	A	.....
	82-NE8-206-010		HLDR CD 0.8	A	.....
	82-NE8-210-010		HLDR,CD 3 0.8	A	.....
	82-NF5-226-010		HLDR,LOCK 1N	A	.....
	82-NF5-227-010		HLDR,LOCK 2N	A	.....
	82-NF5-228-010		SPR-C,LOCK	A	.....
	82-NF5-229-010		PLATE,LOCK	A	.....
	83-NE2-201-010		SPR-T EJECT 1(SIN)	A	.....
	83-NE2-202-010		SPR-T EJECT 2(SIN)	A	.....
	87-063-165-010		OIL-DMPR 150	A	.....
	87-084-077-010		NYLON RIVET DIA 3.5 - 4.5	A	.....
	87-085-221-010		FOOT,H 13.5	A	.....
	87-067-579-010		BVT 2+3-8 W/O SLOT	A	.....
	87-067-581-010		BVT2+3-15 W/O SLOT	A	.....
	87-067-584-010		BVT2+3-6 W/O SLOT	A	.....
	87-067-585-010		BVTT +4-6	A	.....
	87-067-633-010		BVT2+3-8 W/CONVEX	A	.....
	87-067-641-010		UTT2+3-8 W/O SLOT BLK	A	.....
	87-067-688-010		BVTT +3-6	A	.....
	87-067-716-010		BVTT+3-6 BLK	A	.....
	87-067-761-010		BVT2+3-10 BLK	A	.....
	87-078-019-010		S-SCREW,IT+4-6	A	.....
	87-571-032-410		VIT+2-3	A	.....
	87-591-094-410		QIT + 3 - 6 GOLD	A	.....

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
THMS	THERMISTOR
TR	TRANSISTOR
TRIMMER	CAP, TRIMMER
TUN-CAP	VARIABLE CAPACITOR
VIB, CER	RESONATOR, CERAMIC
VIB, XTAL	RESONATOR, CRYSTAL
VR	VOLUME
ZENER	DIODE, ZENER
サージサプレッサ	SERGESUPPRESSOR
セラコン	CAP, CERA

MECHANICAL SECTION

DESCRIPTION	REFERENCE NAME
ADHESHIVE	SHEET ADHESHIVE
AZ	AZIMUTH
BAR-ANT	BAR-ANTENNA
BAT	BATTERY
BAT, CONTACT ASSY	BATTERY CONTACT ASSY
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
KNOB, VOL REV	KNOB, VOLUME REV
LBL	LABEL
LID, BATT	LID, BATTERY
LID, CASS	LID, CASSETTE
LVR	LEVER
P-SP	P-SPRING
PANEL, CONT	PANEL, CONTORL
PANEL, FR	PANEL, FRONT
PRGM	PROGRAM
PULLY, LOAD MO	PULLY, LOADING 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
SW	SWITCH
T-SP	T-SPRING
TERM	TERMINAL
TRIG	TRIGGER
TUN	TUNING
VOL	VOLUME
W	WASHER
WHL	WHEEL
WORM-WHL	WORM-WHEEL
ジクアーム	ARM, SHAFT
ジクガイド	GUIDE, SHAFT
ストラップ	STRAP
ヒンジ	HINGE

サービス技術ニュース	
番号	連絡内容
G - -	
G - -	
G - -	

アイワ株式会社
AIWA CO.,LTD.

Tokyo Japan