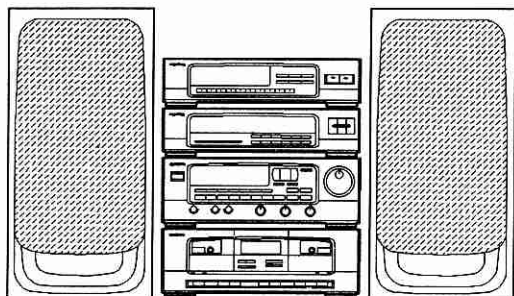


# aiwa



## Z-D9100M



COMPACT DISC STEREO SYSTEM

- BASIC TAPE MECHANISM: 2ZM-1P1N,R1N
- BASIC CD MECHANISM: KSM-2101ABM

- TYPE: LH,HE,K,EE

### REVISION PUBLISHING

- This Service Manual is the "Revision Publishing" and replaces "Simple Manual" ( S/M Code No. 09-947-071-90I ).

- ♠ This service manual contains service information for only altered and added sections of Model Z - D9100M.  
If requiring other service information, see the service manual of Model Z - D7000M (S/M Code No. 0266).

CENTER SYSTEM	AMPLIFIER	CASSETTE DECK	TUNER	GRAPHIC EQUALIZER	SPEAKER	CD PLAYER (OPTIONAL)	TURNTABLE (OPTIONAL)
Z - D9100M LH,HE	MX - Z9100M	FX - WZ9100	TX - Z9100	GE - Z9100	SX - Z9100	DX - Z9100M	PX - E900
Z - D9100M K,EE	MX - Z9100M	FX - WZ9100	TX - Z9100	GE - Z9100	SX - Z9100	DX - Z9100M	PX - E800

## SPECIFICATIONS

### TUNER TX-Z9100

#### <FM section>

Frequency range	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	2.2 $\mu$ V (75 ohms) 18.2 dBf
Alternate channel selectivity	50 dB ( $\pm$ 400 kHz)
Signal-to-noise ratio	70 dB (STEREO), 78 dB (MONO)
Harmonic distortion	0.3 % (MONO), 1 kHz 0.8 % (STEREO), 1 kHz
Frequency response	20 Hz to 15 kHz (+0.5 dB/-3 dB)
Stereo separation	40 dB at 1 kHz
Antenna	75 ohms (unbalanced)

#### <AM section: YH,YLH>

Frequency range	YH: 531 (530) kHz to 1,602 (1,710) kHz YLH: 530 (531) kHz to 1,710 (1,602) kHz
Usable sensitivity	300 $\mu$ V/m
Selectivity	22 dB (9 kHz)
Signal-to-noise ratio	53 dB (100 dB input)
Antenna	Loop antenna

#### <MW section: YEE,YEZ>

Frequency range	522 kHz to 1,611 kHz
Usable sensitivity	400 $\mu$ V/m
Selectivity	22 dB (9 kHz)
Signal-to-noise ratio	53 dB (100 dB input)
Antenna	Loop antenna

#### <LW section: YEE,YEZ>

Frequency range	144 kHz to 290 kHz
Usable sensitivity	1,000 $\mu$ V/m
Antenna	Loop antenna

#### <Timer section and general>

Program timer	"Once" and/or "every"
Sleep timer	Capable of setting in 10-minute increments, 99 minutes maximum.
Dimensions(W $\times$ H $\times$ D)	360 $\times$ 88 $\times$ 315 mm (14 $\frac{1}{4}$ $\times$ 3 $\frac{1}{2}$ $\times$ 12 $\frac{1}{2}$ in.)
Weight	2.3 kg (5.28 lb.)

### AMPLIFIER MX-Z9100M

Power output	Front: HE, LH: 75 W+75 W (6 ohms, T.H.D. 10 %, 1 kHz) EE, EZ: 65 W+65 W (6 ohms, T.H.D. 1 %, 1 kHz) K: 65 W+65 W (6 ohms, T.H.D. 10 %, 1 kHz) 75 W+75 W (6 ohms, T.H.D. 1 %, 1 kHz) Rear: HE, LH: 12.5 W+12.5 W (16 ohm, T.H.D. 10%, 1 kHz) EE, EZ: 10 W+10 W (16 ohm, T.H.D. 1%, 1 kHz) K: 10 W+10 W (16 ohms, T.H.D. 1%, 1 kHz) Center: HE, LH: 25 W (8 ohms, T.H.D. 10%, 1 kHz) EE, EZ: 20 W (8 ohms, T.H.D. 1%, 1 kHz) K: 20 W (8 ohms, T.H.D. 1%, 1 kHz) 25 W (8 ohms, T.H.D. 10%, 1 kHz)
Harmonic distortion	0.08 % (25 W, 1 kHz, 6 ohms)
Input sensitivity(load impedance)	VIDEO 1/DAT: 300 mV (39 kohms) VIDEO 2/AUX: 500 mV (39 kohms) PHONO IN: 500mV or more (36 kohms)
Signal-to-noise ratio	80 dB
Power requirements	HE, LH: 120/220/240 V AC selectable, 50/60 Hz EE, EZ: 230 V AC, 50Hz K: 230 - 240 V AC, 50Hz
Power consumption	HE, LH: 140 W (System total 170 W) EE, EZ, K: 370 W (System total 410 W)
Dimensions(W $\times$ H $\times$ D)	360 $\times$ 128 $\times$ 332 mm (14 $\frac{1}{4}$ $\times$ 5 $\frac{1}{8}$ $\times$ 13 $\frac{1}{8}$ in.)
Weight	HE, LH: 7.2 kg (15.8 lb.) EE, K, EZ: 8.2 kg (18 lb.)

### CASSETTE DECK FX-WZ9100

Track format	4 tracks, 2 channels
Frequency response	METAL tape: 20 - 17,000 Hz CrO <sub>2</sub> tape: 20 - 16,000 Hz Normal tape: 20 - 15,000 Hz
Signal-to-noise ratio	70 dB (Dolby C NR ON, METAL tape peak level above 5 kHz)
Wow and flutter	0.12% (WRMS) $\pm$ 0.19% (WPEAK)
Tape speed	4.8 cm/sec. (1 $\frac{7}{8}$ ips) 9.5 cm/sec. (double speed)
Rewind time	120 sec. (C-60)
Fast forward time	120 sec. (C-60)
Recording system	AC bias
Erase system	AC erase
Motor	DC servomotor $\times$ 2
Heads	Playback head $\times$ 1 (deck 1) Record/playback/erasure head $\times$ 1 (deck 2)
Dimensions(W $\times$ H $\times$ D)	360 $\times$ 128 $\times$ 309.5 mm (14 $\frac{1}{4}$ $\times$ 5 $\frac{1}{8}$ $\times$ 12 $\frac{1}{4}$ in.)
Weight	3.0 kg (6.6 lb.)

### GRAPHIC EQUALIZER GE-Z9100

Input	210 mV (47 kohms)
Output	210 mV (47 kohms)
Dimensions (W $\times$ H $\times$ D)	360 $\times$ 88 $\times$ 308 mm (14 $\frac{1}{4}$ $\times$ 3 $\frac{1}{2}$ $\times$ 12 $\frac{1}{4}$ in.)
Weight	2.2 kg (4.84 lb.)

### SPEAKER SX-Z9100

Cabinet type	3 way, bass reflex
Speaker	220 mm cone type woofer 60 mm cone type tweeter 30 mm ceramic type super tweeter
Impedance	6 ohms
Music power	80 W
Output sound pressure level	90 dB/W/m
Dimensions(W $\times$ H $\times$ D)	290 $\times$ 530 $\times$ 230 mm (11 $\frac{1}{2}$ $\times$ 20 $\frac{7}{8}$ $\times$ 9 $\frac{1}{4}$ in.)
Weight	7.3 kg (16 lb. 2 oz)

### COMMON SECTION (See the suffix of MX-Z9100M)

Power requirements	HE, LH: 120/220/240 V AC, selectable, 50/60 Hz EE, EZ: 230 V AC, 50Hz K: 230 - 240 V AC, 50Hz
Dimensions(W $\times$ H $\times$ D)	940 $\times$ 530 $\times$ 332 mm (37 $\frac{1}{8}$ $\times$ 20 $\frac{7}{8}$ $\times$ 13 $\frac{1}{8}$ in.) (vertical placement) 1,300 $\times$ 530 $\times$ 332 mm (51 $\frac{1}{4}$ $\times$ 20 $\frac{7}{8}$ $\times$ 13 $\frac{1}{8}$ in.) (horizontal placement)
Weight	HE, LH: 29.3 kg (64.5 lb.) EE, K, EZ: 30.3 kg (66.7 lb.)

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- The word "BBE" and the "BBE symbol" are trademarks of BBE Sound, Inc.
- Under license from BBE Sound, Inc.

MODEL NO.

## MX - Z9100M

## 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.	カンリ NO.	DESCRIPTION	REF. NO	PART NO.	カンリ NO.	DESCRIPTION
IC				87-017-024-089 C-DIODE, DA204K			
84-VP1-637-110 IC, CXP82532-1140				MAIN C.B			
87-017-311-080 IC, M65831 FP (HE)				C1 87-018-208-089 CAP, TC-U 0.047-50 F			
87-027-938-019 IC, TC4053BP				C2 87-018-208-089 CAP, TC-U 0.047-50 F			
87-027-958-019 IC, TC4051BP				C3 87-018-208-089 CAP, TC-U 0.047-50 F			
87-017-448-019 IC, GD4052B				C4 87-018-208-089 CAP, TC-U 0.047-50 F			
87-002-727-019 IC, NJM4558L				C5 87-016-055-099 CAP, E 3300-42 HI-R			
87-002-218-010 IC, XRC5451AP				C6 87-016-055-099 CAP, E 3300-42 HI-R			
87-017-374-019 IC, TC4094BP				C7 87-016-160-099 CAP, E 5600-56 BSN			
87-017-885-010 IC, NJM2177AF				C8 87-016-160-099 CAP, E 5600-56 BSN			
87-002-872-040 IC, MC14053BF				C15 87-010-260-089 CAP, E 47-25 SME			
87-002-255-010 IC, TC9213P				C16 87-010-384-089 CAP, E 100-25 SME			
87-017-016-010 IC, LM3875				C17 87-010-764-089 CAP, E 47-63V			
87-001-396-019 IC, STK4182-MK2				C18 87-010-263-089 CAP, E 100-10			
87-017-019-010 IC, CXP81312-333Q				C27 87-010-405-089 CAP, E 10-50 SME (LH, HE)			
87-017-022-089 IC, NJM2068M-D(T1)				C27 87-010-406-089 CAP, E 22-50 SME (EE, K)			
87-002-214-010 IC, CS5339-KP				C28 87-010-101-089 CAP, E 220-16 SME			
87-017-018-019 IC, CXD2701Q				C40 87-010-545-080 CAP, E 0.22-50V SME			
87-017-934-010 IC, M5M44256BP-10				C60 87-010-403-089 CAP, E 3.3-50 SME			
87-002-279-010 IC, SM 5840 ES				C61 87-010-374-089 CAP, E 47-10			
87-017-446-080 IC, PCM69AU				C70 87-010-453-099 CAP, ELECT 4700-25V SME			
87-002-412-080 IC, SN74HCOONS				C71 87-010-405-089 CAP, E 10-50 SME			
87-002-409-080 IC, SN74HC74NS				C72 87-010-260-089 CAP, E 47-25 SME			
87-020-881-089 IC, NJM78L05A				C73 87-010-101-089 CAP, E 220-16 SME			
87-020-882-089 IC, NJM79L05				C74 87-010-381-089 CAP, E 330-16 SME			
87-001-536-019 IC, NJM78M05FA				C75 87-016-293-019 CAP, E 220-50 BP			
TRANSISTOR				C77 87-018-208-089 CAP, TC-U 0.047-50 F			
87-026-462-089 TR, 2SC1740S (RS)				C78 87-018-208-089 CAP, TC-U 0.047-50 F			
89-320-011-089 TR, 2SC2001K				C79 87-018-127-089 CAP, TC-U 470P-50 B			
87-026-464-089 TR, DTC114TS				C101 87-010-404-089 CAP, E 4.7-50 SME			
87-026-245-089 TR, DTC114ES				C102 87-010-404-089 CAP, E 4.7-50 SME			
89-113-187-889 TR, 2SA1318 TU				C103 87-010-406-089 CAP, E 22-50 SME			
89-213-702-019 TR, 2SB1370E				C104 87-010-374-089 CAP, E 47-10			
87-026-463-089 TR, 2SA933S (RS)				C105 87-010-263-089 CAP, E 100-10			
89-318-155-089 TR, 2SC1815GR				C106 87-010-221-089 CAP, E 470-10			
89-213-321-089 TR, 2SB1332R (T105)				C141 87-010-406-089 CAP, E 22-50 SME			
89-320-011-289 TR, 2SC2001KL				C191 87-010-405-089 CAP, E 10-50 SME			
87-026-215-089 TR, DTC114YS				C192 87-010-405-089 CAP, E 10-50 SME			
87-026-500-089 TR, 2SD2144S, UV (TP)				C193 87-010-405-089 CAP, E 10-50 SME			
89-333-317-889 TR, 2SC3331 TU				C194 87-010-405-089 CAP, E 10-50 SME			
89-406-555-089 TR, 2SD655E				C198 87-010-405-089 CAP, E 10-50 SME			
87-026-292-089 TR, DTA144WS				C199 87-010-405-089 CAP, E 10-50 SME			
87-026-211-089 C-TR, DTA144EK T147				C200 87-010-405-089 CAP, E 10-50 SME			
87-026-238-089 C-TR, DTC144WK				C201 87-018-134-089 CAP, TC-U 0.01-16 Y			
89-109-521-089 TR, 2SA952K				C202 87-018-134-089 CAP, TC-U 0.01-16 Y			
DIODE				C243 87-010-404-089 CAP, E 4.7-50 SME			
87-002-225-019 DIODE DBF 40C-K10				C244 87-010-404-089 CAP, E 4.7-50 SME			
87-002-597-069 DIODE DBF, 60C-K13				C250 87-010-401-089 CAP, E 1-50 SME			
87-001-912-089 ZENER, UTZJ 5.1B				C251 87-010-101-089 CAP, E 220-16 SME			
87-020-691-089 DIODE, 1SS132 T-72				C252 87-010-401-089 CAP, E 1-50 SME			
87-001-574-089 DIODE 1SR139-200 T31				C253 87-010-401-089 CAP, E 1-50 SME			
87-002-743-089 ZENER, MTZJ33B				C254 87-010-405-089 CAP, E 10-50 SME			
87-001-913-089 ZENER UTZJ5.6B				C255 87-010-405-089 CAP, E 10-50 SME			
87-001-911-089 ZENER, UTZJ4.7A (TAPG)				C256 87-010-401-089 CAP, E 1-50 SME			
87-017-430-090 DIODE, RK14 (EE, K)				C257 87-010-401-089 CAP, E 1-50 SME			
87-017-415-099 DIODE, RL203 (LH, HE)				C258 87-010-404-089 CAP, E 4.7-50 SME			
87-001-916-089 ZENER, UTZJ10B				C259 87-010-404-089 CAP, E 4.7-50 SME			
87-001-559-089 DIODE 1SS131 (T-72)				C260 87-010-400-089 CAP, E 0.47-50 SME			
87-002-430-089 ZENER, UTZJ8.2C				C261 87-010-400-089 CAP, E 0.47-50 SME			
87-027-606-089 ZENER, HZ7C2L				C262 87-010-404-089 CAP, E 4.7-50 SME			
87-027-301-080 ZENER, HZ3A1				C263 87-010-404-089 CAP, E 4.7-50 SME			
				C264 87-010-401-089 CAP, E 1-50 SME			

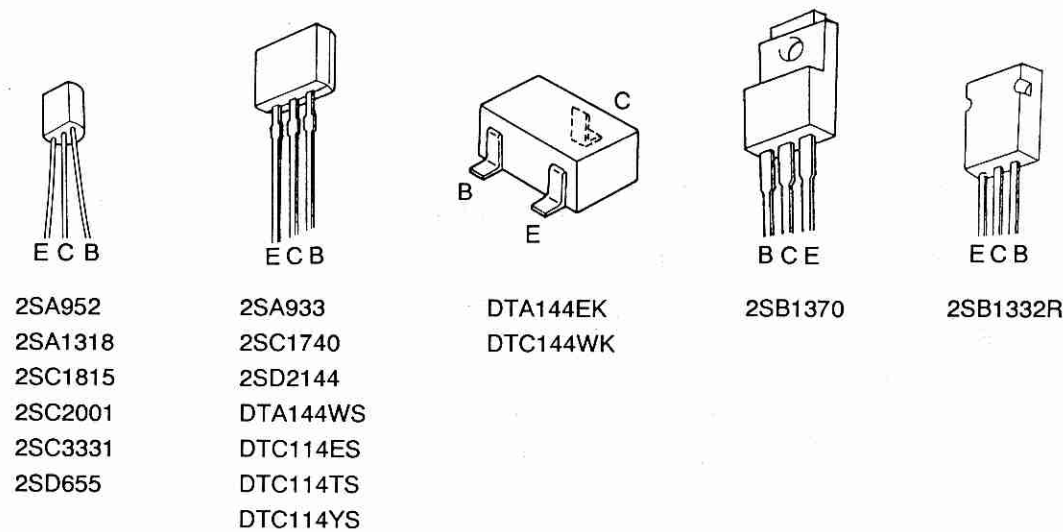
REF. NO	PART NO.	カンリ NO.	DESCRIPTION	REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C265	87-010-405-089		CAP, E 10-50 SME	J750	81-VP1-634-019		JACK, PIN 3P
C266	87-010-404-089		CAP, E 4.7-50 SME	J751	81-VP1-634-019		JACK, PIN 3P
C267	87-010-404-089		CAP, E 4.7-50 SME	J752	81-VP1-634-019		JACK, PIN 3P
C268	87-010-405-089		CAP, E 10-50 SME	J753	87-009-393-019		JACK, PIN 2P EARTH
C269	87-018-121-089		CAP, TC-U 150P-50 B	J759	87-009-393-019		JACK, PIN 2P EARTH
C270	87-018-121-089		CAP, TC-U 150P-50 B	J760	87-033-225-019		TERMINAL, SP-4P N
C273	87-018-134-089		CAP, TC-U 0.01-16 Y	L750	87-005-366-019		COIL, 1UH
C274	87-018-134-089		CAP, TC-U 0.01-16 Y	R29	87-025-476-089		RES, NF 33-1/4WJ<EE, K>
C275	87-018-198-089		CAP, TC-U 2700P-16 X	R40	87-022-050-089		RESIS METAL 1W-0.22J
C276	87-018-198-089		CAP, TC-U 2700P-16 X	R45	87-022-050-089		RESIS METAL 1W-0.22J
C277	87-018-122-089		CAP, TC-U 180P-50 B	R49	87-022-050-089		RESIS METAL 1W-0.22J
C278	87-018-122-089		CAP, TC-U 180P-50 B	R777	87-022-050-089		RESIS METAL 1W-0.22J
C281	87-010-544-089		CAP, E 0.1-50	R778	87-022-050-089		RESIS METAL 1W-0.22J
C282	87-010-544-089		CAP, E 0.1-50	R779	87-022-050-089		RESIS METAL 1W-0.22J
C283	87-010-545-089		CAP, E 0.22-50 SME	R780	87-022-050-089		RESIS METAL 1W-0.22J
C284	87-010-545-089		CAP, E 0.22-50 SME	RY1	87-045-285-010		RELAY, VB12MB
C285	87-010-403-089		CAP, E 3.3-50 SME	RY2	87-045-285-010		RELAY, VB12MB
C286	87-010-405-089		CAP, E 10-50 SME	RY3	87-045-344-010		RELAY, G5B-1 12V
C287	87-010-405-089		CAP, E 10-50 SME	VR141	84-VP2-632-019		VR, 50KBX2 RK14K1210
C289	87-010-401-089		CAP, E 1-50 SME	VR281	81-VP1-622-019		VR, 10KA RK11K112
C290	87-010-403-089		CAP, E 3.3-50 SME	VR282	81-VP1-622-019		VR, 10KA RK11K112
C291	87-018-195-089		CAP, TC-U 1200P-16 X	VR372	81-VP1-627-019		VOL, 100KW RK11K112
C292	87-018-195-089		CAP, TC-U 1200P-16 X	FRONT C. B			
C293	87-018-128-089		CAP, TC-U 390P-50 B	C1	87-010-401-089		CAP, E 1-50 SME
C294	87-018-128-089		CAP, TC-U 390P-50 B	C2	87-010-401-089		CAP, E 1-50 SME
C360	87-010-404-089		CAP, E 4.7-50 SME	C3	87-010-405-089		CAP, E 10-50 SME
C365	87-018-115-089		CAP, TC-U 47P-50 SL	C4	87-016-088-049		CAP, E 220-6.3 SR
C670	87-010-405-089		CAP, E 10-50 SME	C5	87-010-263-089		CAP, E 100-10
C671	87-010-400-089		CAP, E 0.47-50 SME	C7	87-010-074-089		CAP, E 4.7-35 5L
C681	87-016-072-089		CAP, E 0.47-50 FX	C15	87-018-209-089		CAP, TC-U 0.1-50 F
C682	87-016-072-089		CAP, E 0.47-50 FX	C16	87-018-134-089		CAP, TC-U 0.01-16 Y
C683	87-010-401-089		CAP, E 1-50 SME	C19	87-018-131-089		CAP, TC-U 1000P-50 B
C684	87-010-401-089		CAP, E 1-50 SME	C20	87-010-401-089		CAP, E 1-50 SME
C685	87-010-400-089		CAP, E 0.47-50 SME	C21	87-010-401-089		CAP, E 1-50 SME
C686	87-010-400-089		CAP, E 0.47-50 SME	C22	87-018-209-080		CAP, E TC-U 0.1
C687	87-010-401-089		CAP, E 1-50 SME	C23	87-010-406-089		CAP, E 22-50 SME<HE>
C688	87-010-401-089		CAP, E 1-50 SME	C24	87-010-404-089		CAP, E 4.7-50 SME<HE>
C689	87-016-096-089		CAP, E 47-16 FX	C25	87-010-382-080		CAP, E 22-22V
C690	87-016-096-089		CAP, E 47-16 FX	C160	87-018-209-089		CAP, TC-U 0.1-50 F<HE>
C691	87-010-405-089		CAP, E 10-50 SME	C161	87-010-401-089		CAP, E 1-50 SME<HE>
C692	87-010-405-089		CAP, E 10-50 SME	C162	87-010-260-089		CAP, E 47-25 SME<HE>
C695	87-010-400-089		CAP, E 0.47-50 SME	C163	87-010-263-089		CAP, E 100-10<HE>
C696	87-010-401-089		CAP, E 1-50 SME	C164	87-018-201-089		CAP, TC-U 5600P-16 X<HE>
C697	87-010-403-089		CAP, E 3.3-50 SME	C165	87-018-201-089		CAP, TC-U 5600P-16 X<HE>
C698	87-010-403-089		CAP, E 3.3-50 SME	C166	87-018-131-089		CAP, TC-U 1000P-50 B<HE>
C699	87-010-544-089		CAP, E 0.1-50	C167	87-018-131-089		CAP, TC-U 1000P-50 B<HE>
C701	87-010-405-089		CAP, E 10-50 SME	C175	87-018-133-089		CAP, TC-U 4700P-16 X<HE>
C702	87-010-405-089		CAP, E 10-50 SME	FL1	84-VP1-630-019		FL, 11BT135GK
C703	87-018-128-089		CAP, TC-U 560P-50 B	L1	87-003-098-089		COIL, 2.2UH
C704	87-018-128-089		CAP, TC-U 560P-50 B	L2	87-003-098-089		COIL, 2.2UH
C705	87-010-404-089		CAP, E 4.7-50 SME	L3	87-003-102-089		COIL, 10UH
C706	87-010-404-089		CAP, E 4.7-50 SME	L4	87-005-153-089		COIL, 47UH
C750	87-010-405-089		CAP, E 10-50 SME	S1	87-036-215-089		SW, TACT EVQ21404M
C751	87-010-374-089		CAP, E 47-10	S2	87-036-215-089		SW, TACT EVQ21404M
C752	87-018-131-089		CAP, TC-U 1000P-50 B	S3	87-036-215-089		SW, TACT EVQ21404M
C756	87-018-208-089		CAP, TC U 0.047	S4	87-036-215-089		SW, TACT EVQ21404M
C757	87-018-208-089		CAP, TC U 0.047	S5	87-036-215-089		SW, TACT EVQ21404M
C758	87-010-408-089		CAP, E 47-50 SME	S6	87-036-215-089		SW, TACT EVQ21404M
C759	87-010-374-089		CAP, E 47-10	S7	87-036-215-089		SW, TACT EVQ21404M
C760	87-010-374-089		CAP, E 47-10	S8	87-036-215-089		SW, TACT EVQ21404M
C761	87-018-111-089		CAP, TC-U 27P-50 SL	S9	87-036-215-089		SW, TACT EVQ21404M
C762	87-018-111-089		CAP, TC-U 27P-50 SL	S10	87-036-215-089		SW, TACT EVQ21404M
C763	87-010-260-089		CAP, E 47-25 SME	S11	87-036-215-089		SW, TACT EVQ21404M
C764	87-010-260-089		CAP, E 47-25 SME	S12	87-036-215-089		SW, TACT EVQ21404M
C800	87-018-134-089		CAP, TC-U 0.01-16 Y	S13	87-036-215-089		SW, TACT EVQ21404M
EMI1	87-008-372-089		FLTR, EMI BL 01RNI	S14	87-036-215-089		SW, TACT EVQ21404M
EMI2	87-008-372-089		FLTR, EMI BL 01RNI<EE, K>	S15	87-036-215-089		SW, TACT EVQ21404M
J280	87-099-084-019		JACK, 6.3 W/S	S16	87-036-215-089		SW, TACT EVQ21404M
J281	87-099-064-019		JACK 6.3 W/S				
J283	87-099-064-019		JACK 6.3 W/S				



REF. NO	PART NO.	カンリ NO.	DESCRIPTION	REF. NO	PART NO.	カンリ NO.	DESCRIPTION
S17	87-036-215-089	SW, TACT	EVQ21404M	C907	87-012-349-089	C-CAP, S	1000P-50 CH
S18	87-036-215-089	SW, TACT	EVQ21404M	C908	87-012-349-089	C-CAP, S	1000P-50 CH
S20	87-036-215-089	SW, TACT	EVQ21404M	C911	87-016-264-089	C-CAP, TN4. 7-6. 3	F95Q
S21	87-036-215-089	SW, TACT	EVQ21404M	C912	87-010-805-089	C-CAP, S	1-16F
S22	87-036-215-089	SW, TACT	EVQ21404M	C913	87-010-263-089	CAP, E	100-10
S23	87-036-215-089	SW, TACT	EVQ21404M	C915	87-016-264-089	C-CAP, TN4. 7-6. 3	F95Q
S24	87-036-215-089	SW, TACT	EVQ21404M	C916	87-010-196-089	C-CAP, S	0. 1-25 F
S25	87-036-215-089	SW, TACT	EVQ21404M	C918	87-010-293-089	C-CAP, 47P-50	CH
S26	87-036-215-089	SW, TACT	EVQ21404M	C919	87-010-194-089	C-CAP, S	0. 047-25 F
S27	87-036-215-089	SW, TACT	EVQ21404M	C920	87-010-197-089	C-CAP, S	0. 01-25 B
S28	87-036-215-089	SW, TACT	EVQ21404M	C921	87-010-075-089	CAP, E	10-16 5L
S29	87-036-215-089	SW, TACT	EVQ21404M	C922	87-010-075-089	CAP, E	10-16 5L
S30	87-036-215-089	SW, TACT	EVQ21404M	C923	87-010-318-089	C-CAP, S	47P-50 CH
VR2	82-VP2-636-019	VR, SL10K B (HE)		C924	87-010-318-089	C-CAP, S	47P-50 CH
X1	87-008-506-089	VIB, CER 10. 0MHZ CST		C925	87-010-196-089	C-CAP, S	0. 1-25 F
X2	87-008-496-089	CERA LOCK CST2. 09MG (HE)		C926	87-010-401-089	CAP, E	1-50 SME
DOLBY C. B				C927	87-010-405-089	CAP, E	10-50 SME
C50	87-010-404-089	CAP, E	4. 7-50 SME	C928	87-010-197-089	C-CAP, S	0. 01-25 B
C51	87-010-404-089	CAP, E	4. 7-50 SME	C929	87-010-196-089	C-CAP, S	0. 1-25 F
C503	87-018-129-089	CAP, TC-U	680P-50 B	C930	87-010-196-089	C-CAP, S	0. 1-25 F
C504	87-018-129-089	CAP, TC-U	680P-50 B	C931	87-010-405-089	CAP, E	10-50 SME
C509	87-010-405-089	CAP, E	10-50 SME	C933	87-010-166-089	C-CAP, S	100P-50 SL
C510	87-010-405-089	CAP, E	10-50 SME	C934	87-010-194-089	C-CAP, S	0. 047-25 F
C511	87-015-503-089	CAP, E	22-16 LL	C936	87-010-197-089	C-CAP, S	0. 01-25 B
C513	87-018-133-089	CAP, TC-U	4700P-16 X	C937	87-010-317-089	C-CAP, S	39P-50 CH
C514	87-010-406-089	CAP, E	22-50 SME	C938	87-010-317-089	C-CAP, S	39P-50 CH
C515	87-010-405-089	CAP, E	10-50 SME	C939	87-010-405-089	CAP, E	47-25 SME
C516	87-010-405-089	CAP, E	10-50 SME	C940	87-010-196-089	C-CAP, S	0. 1-25 F
C517	87-010-405-089	CAP, E	10-50 SME	C941	87-010-318-089	C-CAP, S	47P-50 CH
C518	87-010-384-089	CAP, E	100-25 SME	C942	87-010-404-089	CAP, E	4. 7-50 SME
C519	87-010-405-089	CAP, E	10-50 SME	C943	87-010-197-089	C-CAP, S	0. 01-25 B
C520	87-010-405-089	CAP, E	10-50 SME	C944	87-010-194-089	C-CAP, S	0. 047-25 F
C525	87-010-101-089	CAP, E	220-16 SME	C945	87-010-197-089	C-CAP, S	0. 01-25 B
C533	87-010-404-089	CAP, E	4. 7-50 SME	C946	87-010-404-089	CAP, E	4. 7-50 SME
C534	87-010-404-089	CAP, E	4. 7-50 SME	C947	87-010-197-089	C-CAP, S	0. 01-25 B
C542	87-010-405-089	CAP, E	10-50 SME	C948	87-010-404-089	CAP, E	4. 7-50 SME
C544	87-010-404-089	CAP, E	4. 7-50 SME	C949	87-010-404-089	CAP, E	4. 7-50 SME
C545	87-018-119-089	CAP, TC-U	100P-50 B	C952	87-015-819-089	CHIP CAP	0. 01
C546	87-018-119-089	CAP, TC-U	100P-50 B	C956	87-010-197-089	C-CAP, S	0. 01-25 B
C547	87-010-404-089	CAP, E	4. 7-50 SME	C960	87-010-194-089	C-CAP, S	0. 047-25 F
C549	87-010-404-089	CAP, E	4. 7-50 SME	C961	87-012-157-089	C-CAP, S	330P-50 CH
C550	87-018-119-089	CAP, TC-U	100P-50 B	C966	87-010-805-089	C-CAP, S	1-16F
C551	87-018-119-089	CAP, TC-U	100P-50 B	C967	87-010-405-089	CAP, E	10-50 SME
C552	87-010-404-089	CAP, E	4. 7-50 SME	C970	87-010-263-089	CAP, E	100-10
C553	87-018-119-089	CAP, TC-U	100P-50 B	C971	87-016-264-089	C-CAP, TN4. 7-6. 3	F95Q
C554	87-010-404-089	CAP, E	4. 7-50 SME	C972	87-016-264-089	C-CAP, TN4. 7-6. 3	F95Q
C555	87-010-074-049	CAP, E	4. 7-35 5L	C973	87-010-197-089	C-CAP, S	0. 01-25 B
C556	87-018-195-089	CAP, TC-U	1200P-16 X	C974	87-010-401-089	CAP, E	1-50 SME
C557	87-018-195-089	CAP, TC-U	1200P-16 X	C975	87-010-197-089	C-CAP, S	0. 01-25 B
C558	87-010-404-089	CAP, E	4. 7-50 SME	C976	87-010-318-089	C-CAP, S	47P-50 CH
C559	87-010-074-089	CAP, E	4. 7-35 5L	C977	87-010-194-089	C-CAP, S	0. 047-25 F
C560	87-018-111-089	CAP, TC-U	27P-50 SL	C979	87-010-263-089	CAP, E	100-10
C561	87-018-203-089	CAP, TC-U	8200P-16 Y	C980	87-010-263-089	CAP, E	100-10
C562	87-010-260-089	CAP, E	47-25 SME	C981	87-010-263-089	CAP, E	100-10
C563	87-010-260-089	CAP, E	47-25 SME	C982	87-010-263-089	CAP, E	100-10
C564	87-018-209-089	CAP, TC-U	0. 1-50 F	C985	87-010-260-089	CAP, E	47-25 SME
C565	87-018-209-089	CAP, TC-U	0. 1-50 F	C987	87-010-307-089	C-CAP, 680P-50	CH
C566	87-010-404-089	CAP, E	4. 7-50 SME	C988	87-010-176-089	C-CAP, S	680P-50 SL
C568	87-010-404-089	CAP, E	4. 7-50 SME	C989	87-010-183-089	C-CAP, S	2700P-50 B
DSP C. B				C990	87-010-183-089	C-CAP, S	2700P-50 B
C902	87-010-194-089	C-CAP, S	0. 047-25 F	C992	87-010-260-089	CAP, E	47-25 SME
C903	87-012-349-089	C-CAP, S	1000P-50 CH	C993	87-010-404-089	CAP, E	4. 7-50 SME
C904	87-012-349-089	C-CAP, S	1000P-50 CH	C994	87-010-404-089	CAP, E	4. 7-50 SME
C905	87-010-234-089	CAP, E	47-16 5L	C995	87-018-208-089	CAP, TC-U	0. 047
C906	87-010-234-089	CAP, E	47-16 5L	C997	87-010-320-089	C-CAP, S	68P-50 CH
				C998	87-010-320-089	C-CAP, S	68P-50 CH
				C999	87-010-320-089	C-CAP, S	68P-50 CH
				FB1	87-005-521-089	C-COIL, BLM32A06	
				FB2	87-005-521-089	C-COIL, BLM32A06	
				FB3	87-008-372-089	FLTR, EMI BL OIRNI	

REF. NO	PART NO.	カンリ NO.	DESCRIPTION	REF. NO	PART NO.	カンリ NO.	DESCRIPTION
FB4	87-008-372-089	FLTR, EMI BL OIRNI		J761	84-VP1-638-019	JACK, PIN 2P BK, OR	
FB5	87-008-372-089	FLTR, EMI BL OIRNI		PT2	82-VP1-630-019	PT, 2VP-1 FL	
FB6	87-008-372-089	FLTR, EMI BL OIRNI		RY4	87-045-344-010	RELAY, G5B-1 12V	
FB7	87-005-521-089	C-COIL, BLM32A06		AC VOLTAGE C. B (LH, HE ONLY)			
L901	87-005-153-089	COIL, 47UH		△SW1	87-036-173-019	SW, SL 2-2-4 SDKG (LH, HE)	
L903	87-005-153-089	COIL, 47UH		IC1 C. B (EE, K ONLY)			
L904	87-005-153-089	COIL, 47UH		TR C. B (EE, K ONLY)			
X901	87-030-310-089	VIB, XTAL 22. 5792		AC1 C. B			
X902	87-008-394-089	CF CST 4. 19 MGW		△F1	87-033-213-089	CLAMP FUSE SMK (LH, HE)	
VOLUME C. B				△F1	87-035-393-010	FUSE 3. 15A A-RUSH (LH, HE)	
C201	87-010-405-089	CAP, E	10-50 SME	△PT1	87-035-408-019	FUSE, 3. 15A 250V T L (EE, K)	
C202	87-010-405-089	CAP, E	10-50 SME	△PT1	84-VP1-608-019	PT, 4VP-1 E, K (EE, K)	
C203	87-010-405-089	CAP, E	10-50 SME	△PT1	84-VP1-606-019	PT, 4VP-1 H (LH, HE)	
C204	87-010-405-089	CAP, E	10-50 SME	R96	87-022-200-089	RES METAL 0. 56-1W	
C205	87-010-404-089	CAP, E	4. 7-50 SME	R97	87-022-200-089	RES METAL 0. 56-1W	
C206	87-010-404-089	CAP, E	4. 7-50 SME	AC2 C. B			
C207	88-700-830-819	0. 022		△F2	87-035-191-019	FUSE 3. 15A (LH, HE)	
C209	87-018-119-089	CAP, TC-U	100P-50 B	IC3 C. B (EE, K ONLY)			
C210	87-018-119-089	CAP, TC-U	100P-50 B				
VR1	82-VP1-633-019	VR, 50KBX4, 100KCX1 W/M					
IC2 C. B							
C740	87-010-405-089	CAP, E	10-50 SME				
C741	87-010-374-089	CAP, E	47-10				
C742	87-018-131-089	CAP, TC-U	1000P-50 B				
FG-GEQ C. B							

TRANSISTOR ILLUSTRATION (MX-Z9100M)



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”.

REF. NO	PART NO.	カリ NO.	DESCRIPTION
1	84-VP1-901-019	IB, ESC(S)	
2	84-VP1-902-019	IB, GF1(S)(EE)	
3	87-009-724-019	PLUG, ADPTR, 1R39(LH)	
4	87-009-725-019	PLUG, ADPTR 1R40(HE)	
5	84-VP1-650-019	RC, RC-TZ9100MF(LH, HE)	
6	84-VP1-651-019	RC, RC-TZ9100ML(EE, K)	

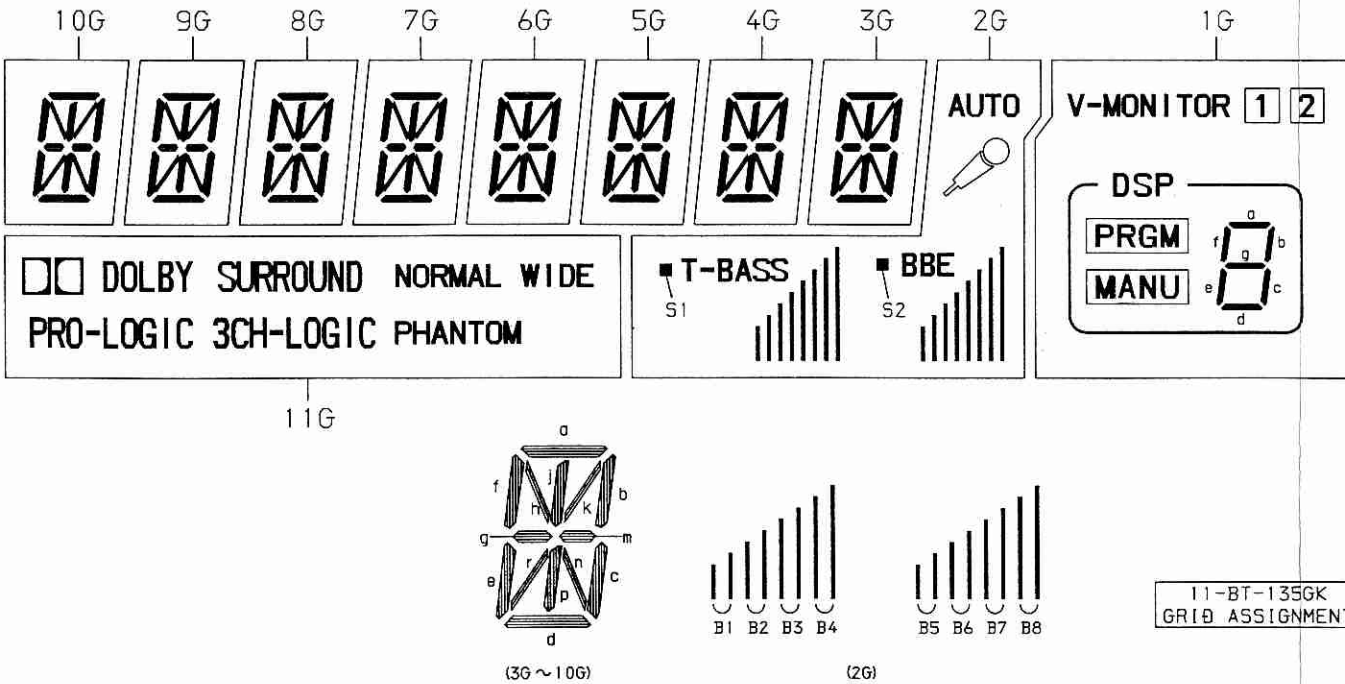
IC DESCRIPTION (MX-Z9100M)

IC, CXP82532-114Q

Pin No.	Pin Name	I/O	Description
1	I-HOLD	I	HOLD input. “L” : HOLD mode. “H” : Normal mode.
2	I-REMOTE	I	Remote control input.
3	NC	—	Not used.
4	O-CE (M-EVR)	O	Not used.
5	NC	—	Not used.
6	O-CE (DSP)	O	Strobe output for DSP microcomputer.
7	O-CE (EVR)	O	Strobe output for electrical volume.
8	O-CLK (DSP, GEQ)	O	Clock output for DSP and GEQ.
9	I-DATA (GEQ)	I	Data input from GEQ microcomputer.
10	O-DATA (DSP, GEQ)	O	Data output for DSP and GEQ.
11	O-CLK (etc)	O	Clock for shift register and electrical volume.
12	O-STB SR (4094)	O	Strobe output for shift register.
13	O-DATA (SR, EVR)	O	Data output for shift register and electrical volume.
14	O-CE (GEQ)	O	Strobe output for GEQ microcomputer.
15	I/O-SERIAL	I/O	Serial data for system control.
16 17 19	NC	—	Not used.
20	I-INITIAL	I	Intialize input. (Not used)
21	O-VOL•LED	O	Volume LED control output. LED lights on when “H”.
22	I-KEY1	I	A/D input for key input.
23	I-KEY2	I	
24	I-KEY3	I	
25	I-KEY4	I	Key input. (Power)
26	O-SP LEVEL	—	A/D input for key input.
27	NC	—	Not used.
28	I-MIC	I	Microphone input detection A/D port. Vocal fader switched on at an input of over 0.34V in auto vocal fader mode. Reset time: Fast; 1 sec., Slow; 4 sec.
29	I-VOL	I	A/D input for volume position detection.
30	RESET	I	Reset input.
31	EXTAL	—	X’tal terminal. (10.0MHz)
32	XTAL	—	
33	V <sub>SS</sub>	I	GND
34 35 44	NC	—	Not used.
45 46 59	O-S14 O-S0	O	FL display segment output.
60 61 70	O-G11 O-G1	O	FL display grid output.
71	VFDP	—	FL display power supply. ( - 31.4V)
72	V <sub>DD</sub>	—	Power supply. (+5V)
73	NC	—	Connected to VDD.
74	VOL UP	O	Volume control output. (UP)
75	VOL DOWN	O	Volume control output. (DOWN)
76	O-MUTE	O	Mute output. Muting when “H”.
77	O-POWER	O	Power control output. Power on when “L”.
78	NC	—	Not used
79	NC	—	
80	NC	—	

FL DISPLAY/IC BLOCK DIAGRAM (MX-Z9100M)  
FL, 11-BT-135GK

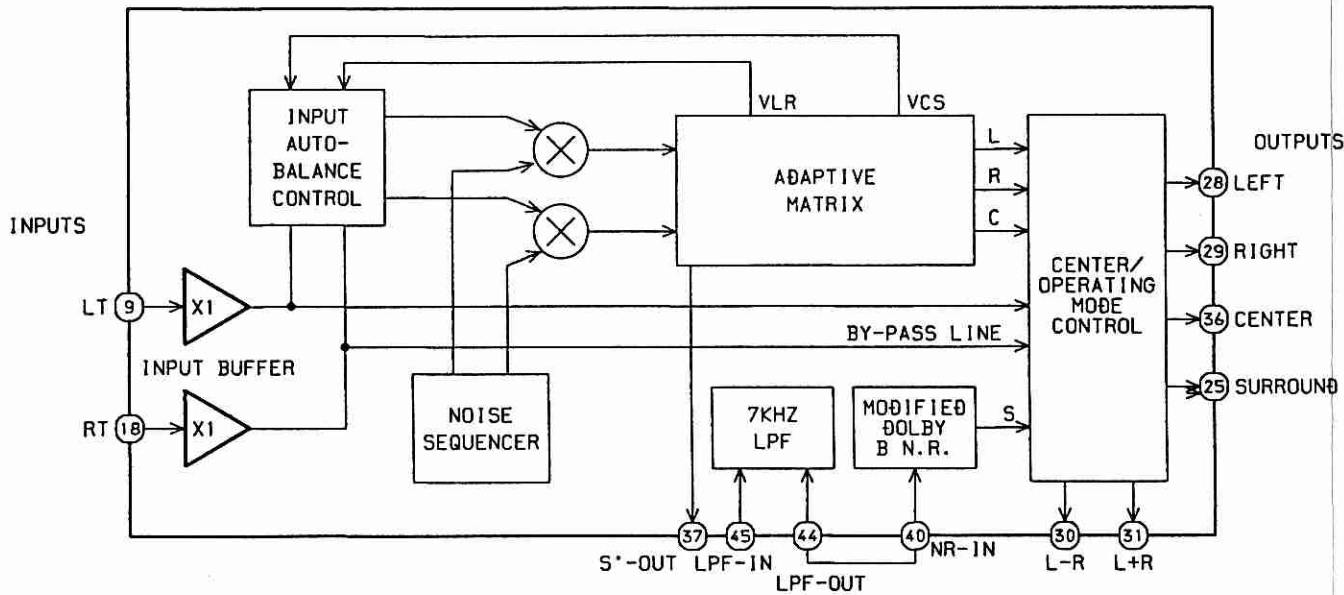
GRID ASSIGNMENT

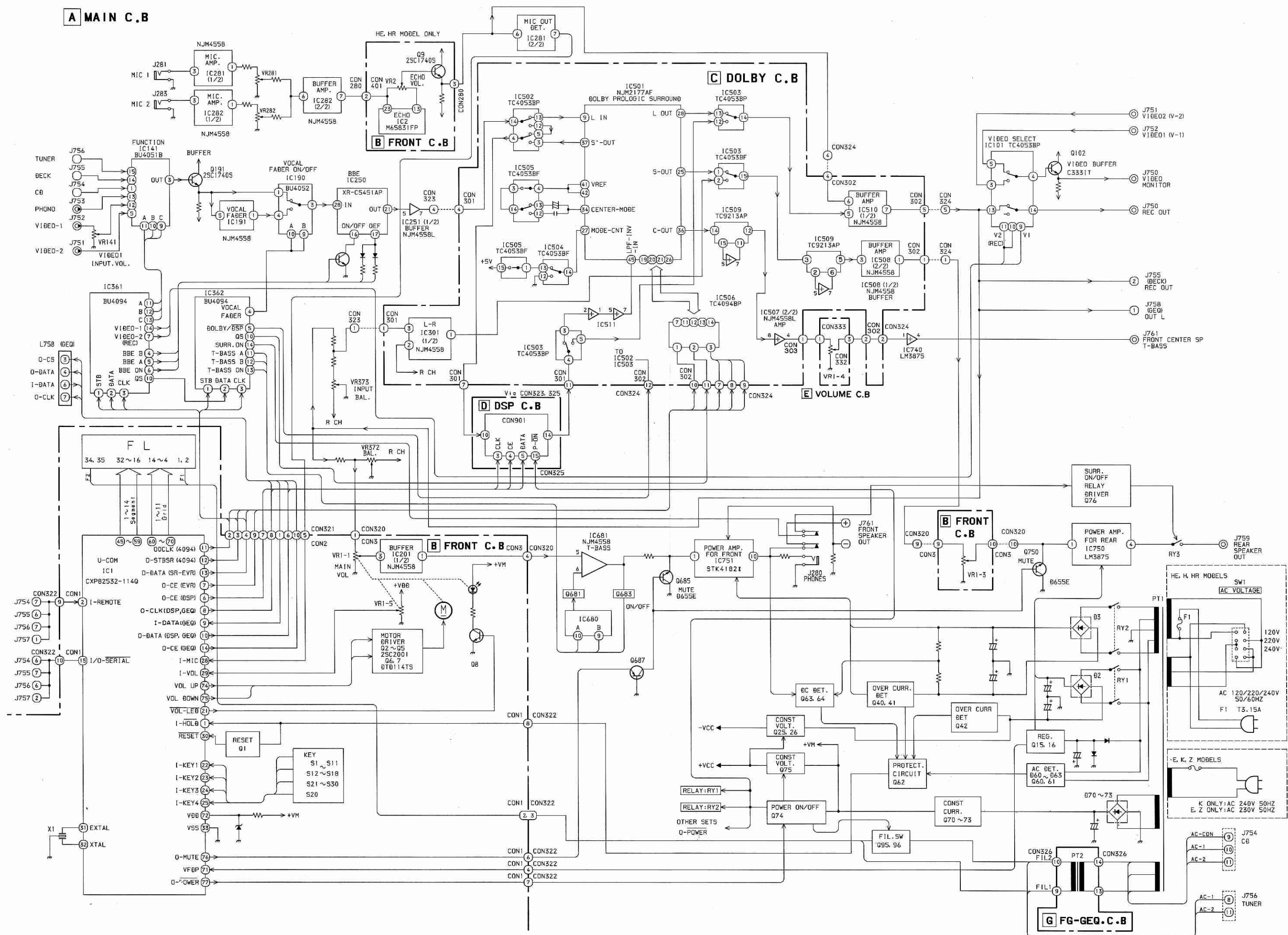


ANODE CONNECTION

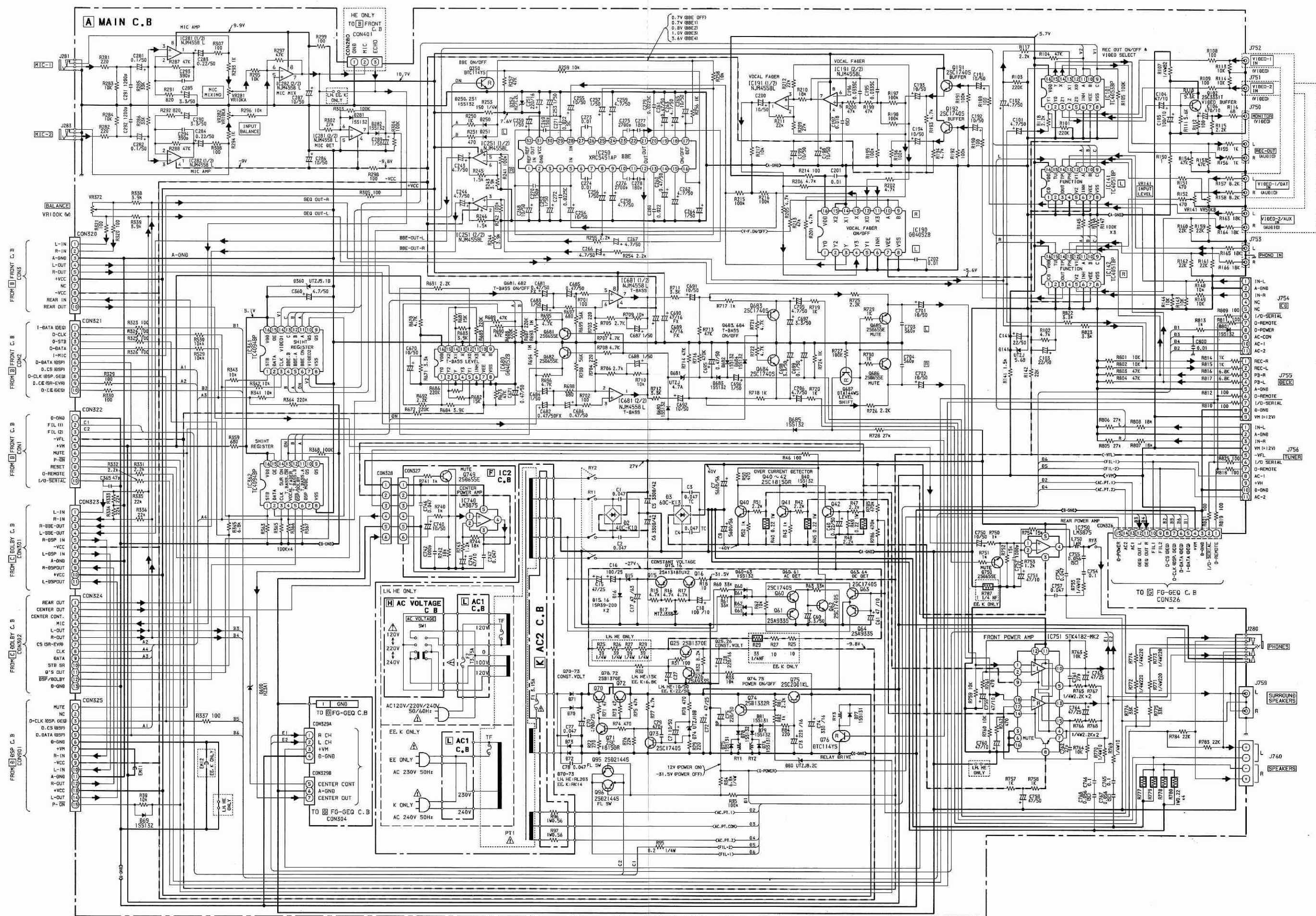
	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
S1	<b>DOLBY</b>	a	a	a	a	a	a	a	a	—	<b>1</b>
S2	<b>SURROUND</b>	b	b	b	b	b	b	b	b	—	<b>2</b>
S3	<b>PRO-LOGIC</b>	c	c	c	c	c	c	c	c	—	<b>DSP</b>
S4	<b>3CH-LOGIC</b>	d	d	d	d	d	d	d	d	B1, S1	<b>PRGM</b>
S5	<b>NORMAL</b>	e	e	e	e	e	e	e	e	B2	<b>MANU</b>
S6	<b>WIDE</b>	f	f	f	f	f	f	f	f	B3	a
S7	<b>PHANTOM</b>	g	g	g	g	g	g	g	g	B4	b
S8	—	h	h	h	h	h	h	h	h	B5, S2	c
S9	—	j	j	j	j	j	j	j	j	B6	d
S10	—	k	k	k	k	k	k	k	k	B7	e
S11	—	m	m	m	m	m	m	m	m	B8	f
S12	—	n	n	n	n	n	n	n	n		g
S13	—	p	p	p	p	p	p	p	p	<b>AUTO</b>	—
S14	—	r	r	r	r	r	r	r	r	—	—
SC15	—	—	—	—	—	—	—	—	—	<b>T-BASS</b>	—
SC16	—	—	—	—	—	—	—	—	—	<b>BBE</b>	—
SC17	—	—	—	—	—	—	—	—	—	—	<b>V-MONITOR</b>

IC,NJM2177AF

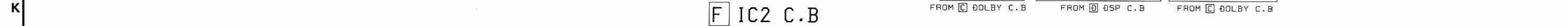










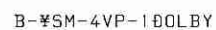








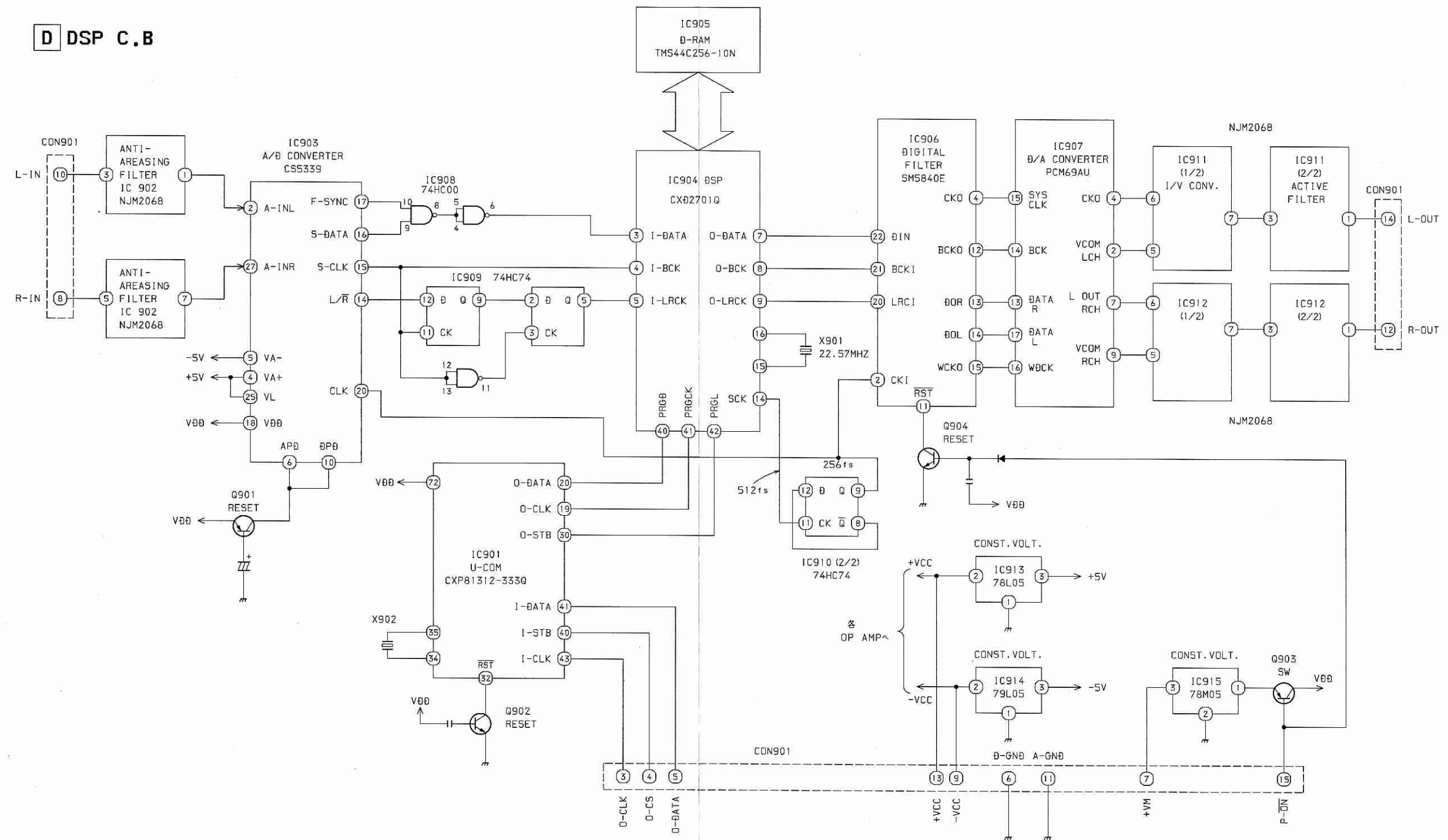




FROM [E] VOLUME C.B

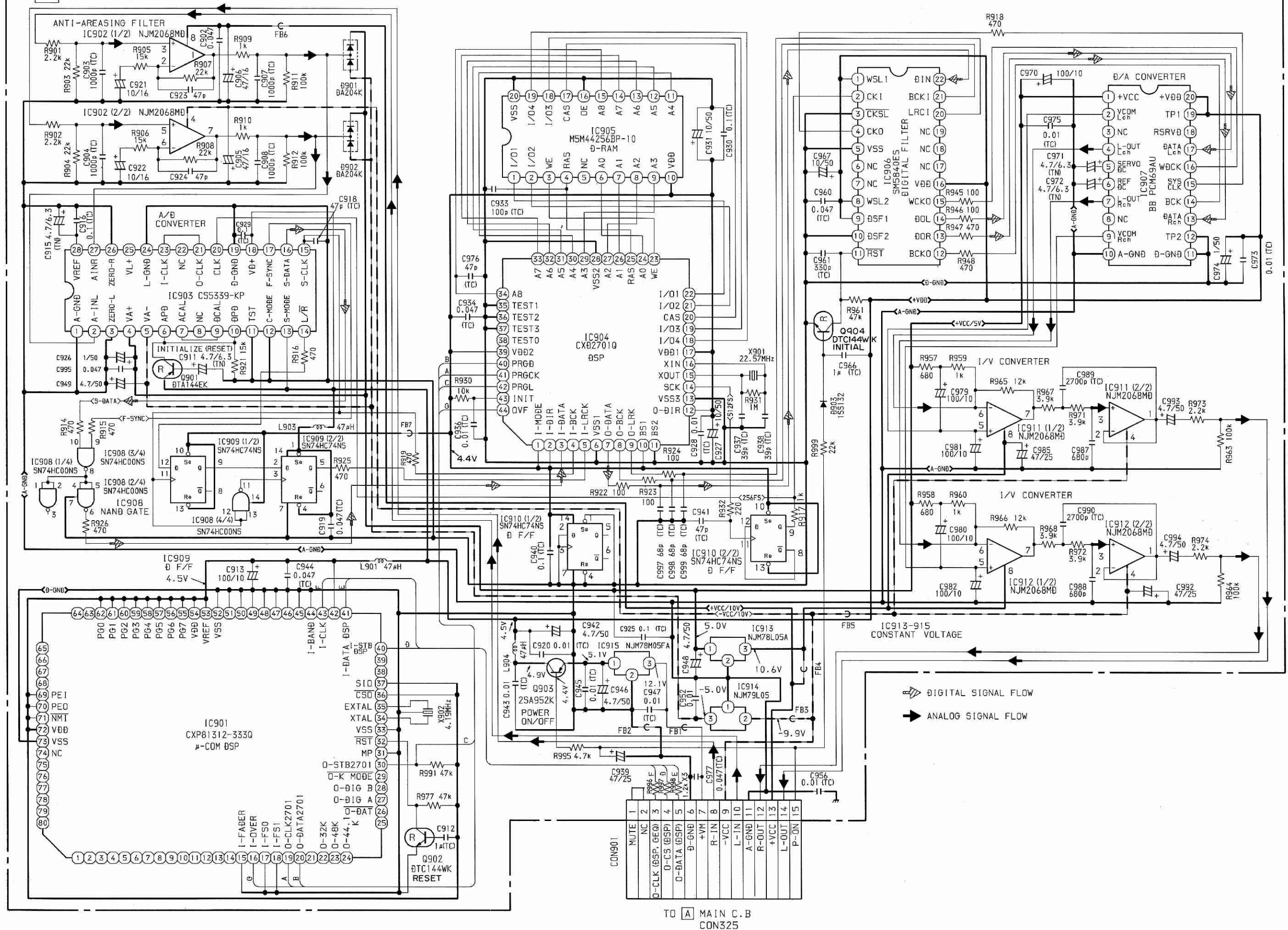


D DSP C.B





## D DSP C.B

TO A MAIN C.B  
CON325

This service manual contains service information for only altered sections of Model MX - Z9100M.  
If requiring other service information, see the service manual of Model MX - Z7000M.

## ALTERATION PARTS LIST

### 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".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
	1 82-VP2-011-019		CAB, STEEL (LH, HE, EZ, K)
	1 82-VP2-023-019		CAB, STEEL (EE)
△	2 87-034-749-019		AC CORD, H W/PLUG (LH)
△	2 87-050-034-019		AC CORD ASSY, E (HE, EE, EZ)
△	2 87-050-032-019		AC CORD ASSY, K 3P S (K)
	3 87-085-184-010		BUSHING, AC CORD D (LH)
	3 87-085-185-010		BUSHING, AC CORD E (EXCEPT LH)
	4 84-VP1-010-019		PANEL, REAR LHBN (LH)
	4 84-VP1-012-019		PANEL, REAR HEJBN (HE)
	4 84-VP1-007-019		PANEL, REAR EEBN (EE)
	4 84-VP1-006-019		PANEL, REAR EZBN (EZ)
	4 84-VP1-009-019		PANEL, REAR KBN (K)
14	84-VP1-011-019		KEY, FUN
16	84-VP1-002-019		CAB, FR LH (LH)
16	84-VP1-003-019		CAB, FR H (HE)
16	84-VP1-001-019		CAB, FR (EE, EZ, K)

MODEL NO.

# FX - WZ9100

This service manual contains service information for only altered sections of Model FX - WZ9100.

If requiring other service information, see the service manual of Model FX - WZ7000.

## ALTERATION 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".

### ELECTRICAL MAIN PARTS LIST

REF.NO.	PART NO.	DESCRIPTION
C216	87-010-197-089	C-CAP,S 0.01-25 B
C610	87-010-196-089	C-CAP,S 0.1-25 F
L907	87-003-102-089	COIL,10UH

### MECHANICAL PARTS LIST

REF.NO.	PART NO.	DESCRIPTION
1-3	84-VW1-004-019	PANEL,REAR (YJ)
1-3	84-VW1-005-019	PANEL,REAR (Y)
1-15	09-047-747-010	CAB,FR ASSY
1-17	84-VW1-002-019	BOX,CASS 1
1-18	84-VW1-003-019	BOX,CASS 2

MODEL NO.

# TX – Z9100

This service manual contains service information for only altered sections of Model TX – Z9100.

If requiring other service information, see the service manual of Model TX – Z7000.

## ALTERATION PARTS LIST

## 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”.

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
3	84-VT1-006-019		PANEL, REAR YLHBN<YLH>
3	84-VT1-002-019		PANEL, REAR YEEBN<YEE>
3	84-VT1-005-019		PANEL, REAR YHJBN<YH>
3	84-VT1-003-019		PANEL, REAR YEZBN<YEZ>
8	84-VT1-001-019		CAB, FR
17	81-VX1-207-110		HLD, WIRE<YEE, YEZ>
18	87-038-039-019		WIRE BINDER<YEE, YEZ>



MODEL NO.

# GE — Z9100

This service manual contains service information for only altered sections of Model GE — Z9100.

If requiring other service information, see the service manual of Model GE — Z7000.

## ALTERATION PARTS LIST

## 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”.

REF. NO	PART NO.	カソリ NO.	DESCRIPTION
3	84-VU1-002-019		PANEL, REAR YBN(Y)
3	84-VU1-003-019		PANEL, REAR YJBN(YJ)
8	84-VU1-001-019		CAB, FR

MODEL NO.

SX — Z9100

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”.

REF. NO	PART NO.	カリ NO.	DESCRIPTION
1	84-VS1-002-010		PANEL W
2	84-VS1-008-010		PANEL TW. ASSY
3	84-VS1-005-010		GRILL FRAME ASSY
4	84-VS1-602-010		SPEAKER WOOFER
5	83-NSD-604-010		SPEAKER TWEETER
6	83-149-611-010		TERMINAL (YJ, YL)
7	83-133-630-010		INDUCTOR 0.3mH (YJ, YL)
8	87-010-006-010		CAP. E 3.3 $\mu$ F (YJ, YL)
9	81-672-612-010		SPEAKER CORD (YJ, YL)

## 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, SERA-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
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
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
ジグアーム	ARM,SHAFT
ジグガイド	GUIDE,SHAFT
ストラップ	STRAP
トクナベ	S-SCRW
ヒンジ	HINGE
ヒンジビス	S-SCRW
ビスセレート	SCRW,SERRART

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

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