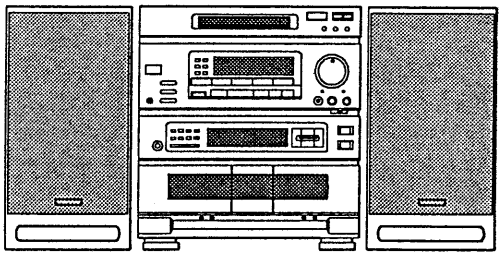
S/M Code No.0146 DATE OF ISSUE 10/1992 - T

aiwa

XS-Z1000M
CX-Z1000M
SX-Z1000

SERVICE MANUAL



STEREO SYSTEM

• BASIC TAPE MECHANISM : 1ZM – 3

• TYPE. LH, E

CENTER SYSTEM	CASSEIVER	SPEAKER	TURNTABLE (OPTIONAL)	CD PLAYER (OPTIONAL)
XS – Z1000M (LH)	CX – Z1000M (LH)	SX – Z1000	※1 PX – E900 (H)	※2 DX – Z950M
	CX – Z1000M (E)		※3 PX – E800 (E)	※2 DX – Z950M

※1 As to the service information of PX – E900.
See the individual service manual PX – E900.
※2 As to the service information of DX – Z950M.
See the individual service manual DX – Z950M.
※3 As to the service information of PX – E800.
See the individual service manual PX – E800.

AIWA CO.,LTD.

Tokyo Japan

Printed in Japan

SPECIFICATIONS

<FM section>

Frequency range	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	1.3 µV (75 ohms) 13.2 dBf
Alternate channel selectivity	50 dB (±400 kHz)
Signal-to-noise ratio	70 dB (STEREO), 76 dB (MONO)
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)

<AM (MW) section>

Frequency range	CX-Z1000M HE: AM 531 (530) kHz to 1,602 (1,710) kHz CX-Z1000M LH: AM 530 (531) kHz to 1,710 (1,602) kHz
Usable sensitivity	350 µV/m
Selectivity	22 dB (9 kHz)
Signal-to-noise ratio	53 dB (100 dB input)
Antenna	Loop antenna

<Timer section>

Program timer	On-timer, capable of free setting
Sleep timer	Capable of setting in 10-minute increments, 120 minutes maximum

<Amplifier section>

Power output	CX-Z1000M LH 150W + 150W (6 ohms, T.H.D. 10% 1 kHz)
Harmonic distortion	0.05% (65 W, 1 kHz, 6 ohms)
Input sensitivity	VIDEO/AUX: 150 mV (adjustable) PHONO: 300 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. ($1^7/_8$ ips)
Recording system	AC bias
Erasure system	AC erase
Motor	DC servomotor × 1
Heads	Playback head × 1 (deck 1) Recording/playback/erasure head × 1 (deck 2)

<Speaker SX-Z1000>

Cabinet type	3 way, bass reflex
Speaker	220 mm ($8^3/_4$ in.) cone type woofer 50 mm (2 in.) cone type tweeter 30 mm ($1^3/_{16}$ in.) ceramic type super tweeter
Impedance	6 ohms
Music power	150 W
Output sound pressure level	90 dB/W/m
Dimensions (W × H × D)	267 × 520 × 215 mm ($10^5/_8 \times 20^1/_2 \times 8^1/_2$ in.)
Weight	6 kg (13.2 lb.)

<General>

Power requirements	AC 120 V/220 V/240 V, switchable 50/60 Hz
Power consumption	CX-Z1000M LH 245 W (System total 255 W)
Dimensions (W × H × D)	Center unit: 360 × 319.5 × 336 mm ($14^1/_4 \times 12^5/_8 \times 13^1/_4$ in.) System: 894 × 520 × 336 mm ($35^1/_4 \times 20^1/_2 \times 13^1/_4$ in.)
Weight	Center unit: 11.5 kg (25.3 lb.) System: 17.5 kg (38.5 lb.)

- Design and specifications are subject to change without notice.
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■ ACCESSORIES/PACKAGE LIST

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q,TY
	1	★82-MK0-901-119	INSTRUCTION BOOKLET,H (LH)	※	1
	2	★82-MK0-902-019	INSTRUCTION BOOKLET,E (E)	※	1
	3	★82-MK2-610-119	RC,RC – TZ850M		1
	4	★81-748-632-019	FEEDER ANT FMN		1
	5	★87-006-225-019	AM LOOP ANT NC2 (LH)		1
	6	★87-006-226-019	AM LOOP ANT CON2 (E)		1
	7	★87-032-845-019	PLUG,CONVERSION (LH)		1

ELECTRICAL MAIN PARTS LIST

REF. NO.	PART NO.	DESCRIPTION
===IC===		
	87-002-247-019	IC, BU4052B
	87-002-282-019	IC, BU4066B
	87-002-444-019	IC, BU4094B
	87-002-669-010	IC, GP1U571X(REMOTE SENSOR)
	87-001-874-019	IC, HA12134A
	87-001-942-019	IC, LA1265(S)
	87-001-530-019	IC, LA3607
	87-001-334-019	IC, LB9051A
	82-MK3-640-010	IC, LC67216A-4965
	82-MA2-636-010	IC, LC65204A-4927
	87-001-528-019	IC, LC7522
	87-002-607-019	IC, LM7001
	87-027-895-010	IC, M5218AL
	87-020-758-019	IC, NJM2068SD
	87-001-902-010	IC, STK4221-MK2
	87-020-446-019	IC, TA7343AP
	87-027-827-019	IC, TC4069UBP
	87-002-218-010	IC, XRC5451AP
	87-001-869-019	IC, XR-1091
===TRANSISTOR===		
	89-501-615-089	FET, 2SK161GR
	89-502-415-089	FET, 2SK241GR
	89-502-466-089	FET, 2SK246BL
	89-502-464-089	FET, 2SK246Y
	89-109-705-089	TRANSISTOR, 2SA970GR
	89-110-155-089	TRANSISTOR, 2SA1015GR
	89-112-965-089	TRANSISTOR, 2SA1296GR
	89-113-187-889	TRANSISTOR, 2SA1318TU
	87-026-463-089	TRANSISTOR, 2SA933S
	89-109-521-089	TRANSISTOR, 2SA952K
	89-213-702-019	TRANSISTOR, 2SB1370E
	87-026-462-089	TRANSISTOR, 2SC1740S
	89-318-155-089	TRANSISTOR, 2SC1815GR
	89-318-154-089	TRANSISTOR, 2SC1815Y
	89-319-233-089	TRANSISTOR, 2SC1923
	89-320-011-089	TRANSISTOR, 2SC2001K
	89-332-665-089	TRANSISTOR, 2SC3266GR
	89-333-317-089	TRANSISTOR, 2SC3331T
	89-406-555-089	TRANSISTOR, 2SD655E
	87-026-214-089	TRANSISTOR, DTA114YS
	87-026-219-089	TRANSISTOR, DTA144ES
	87-026-292-089	TRANSISTOR, DTA144WS
	87-026-245-089	TRANSISTOR, DTC114ES
	87-026-215-089	TRANSISTOR, DTC114YS
	87-026-289-089	TRANSISTOR, DTC143XS
	87-026-218-089	TRANSISTOR, DTC144ES
	87-026-293-089	TRANSISTOR, DTC144WS
===DIODE===		
	87-001-574-089	DIODE, 1SR139-200
	87-002-843-089	DIODE, 1SS108
	87-001-559-089	DIODE, 1SS131
	87-020-691-089	DIODE, 1SS132
	87-002-597-060	DIODE, DBF 60C-K13
	87-002-608-089	DIODE, DSF10TC
	87-002-743-089	DIODE, ZENER MTZJ33B
	87-001-916-089	DIODE, ZENER UTZJ10B
	87-001-917-089	DIODE, ZENER UTZJ12C
	87-001-912-089	DIODE, ZENER UTZJ5.1B
	87-001-911-089	DIODE, ZENER UTZJ4.7A
	87-001-913-089	DIODE, ZENER UTZJ5.6B
	87-001-915-089	DIODE, ZENER UTZJ6.8A
	87-001-914-089	DIODE, ZENER UTZJ6.2B

REF. NO.	PART NO.	DESCRIPTION
===MAIN CIRCUIIT BOARD SECTION===		
BT101	★87-064-119-019	HOLDER, WIRE 2.5-7P
BT103	★87-064-115-019	HOLDER, WIRE 2.5-3P
C101	★87-016-160-090	CAP, ELECT 5600-56 BSN(LH)
C101	★87-016-161-090	CAP, ELECT 6800-50 BSN(E)
C102	★87-016-160-090	CAP, ELECT 5600-56 BSN(LH)
C102	★87-016-161-090	CAP, ELECT 6800-50 BSN(E)
C103	★87-010-390-099	CAP, ELECT 3300-25 SME
C104	★87-010-980-089	CAP, ELECT 330-16 FS
C105	★87-010-101-089	CAP, ELECT 220-16 SME
C106	★87-010-407-089	CAP, ELECT 33-50
C109	★87-010-263-089	CAP, ELECT 100-10
C110	★87-010-263-089	CAP, ELECT 100-10
C111	★87-010-370-089	CAP, ELECT 330-6.3 SME
C112	★87-015-997-089	CAP, ELECT 2200-16 SME(LH)
C112	★87-010-260-089	CAP, ELECT 47-25 SME(E)
C113	★87-010-403-089	CAP, ELECT 3.3-50 SME
C114	★87-018-205-089	CAP, CERA-SOL SS 0.022-25 F
C116	★87-018-127-089	CAP, CERA-SOL SS 470P-50 B
C117	★87-010-405-089	CAP, ELECT 10-50 SME(LH)
C117	★87-016-145-089	CAP, ELECT 10-50 KME(E)
C150	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C152	★87-010-374-089	CAP, ELECT 47-10(LH)
C205	★87-016-073-089	CAP, ELECT 1-50 FX
C206	★87-016-073-089	CAP, ELECT 1-50 FX
C207	★87-010-401-089	CAP, ELECT 1-50 SME
C208	★87-010-401-089	CAP, ELECT 1-50 SME
C209	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C210	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C211	★87-010-401-089	CAP, ELECT 1-50 SME
C212	★87-010-401-089	CAP, ELECT 1-50 SME
C213	★87-010-402-089	CAP, ELECT 2.2-50 SME
C214	★87-010-402-089	CAP, ELECT 2.2-50 SME
C215	★87-018-131-089	CAP, CERA-SOL SS 1000P-50 B
C216	★87-018-131-089	CAP, CERA-SOL SS 1000P-50 B
C217	★87-010-401-089	CAP, ELECT 1-50 SME
C218	★87-010-401-089	CAP, ELECT 1-50 SME
C221	★87-010-400-089	CAP, ELECT 0.47-50 SME
C222	★87-010-400-089	CAP, ELECT 0.47-50 SME
C223	★87-010-260-089	CAP, ELECT 47-25 SME
C224	★87-010-260-089	CAP, ELECT 47-25 SME
C225	★87-010-260-089	CAP, ELECT 47-25 SME(LH)
C225	★87-016-130-089	CAP, ELECT 47-25 KME(E)
C226	★87-010-260-089	CAP, ELECT 47-25 SME(LH)
C226	★87-016-130-089	CAP, ELECT 47-25 KME(E)
C227	★87-018-214-089	CAP, CERA-SOL SS 0.1-50 F
C228	★87-018-214-089	CAP, CERA-SOL SS 0.1-50 F
C233	★87-010-545-089	CAP, ELECT 0.22-50 SME
C234	★87-010-263-089	CAP, ELECT 100-10(LH)
C234	★87-016-123-089	CAP, ELECT 100-10 KME(E)
C235	★87-010-260-089	CAP, ELECT 47-25 SME
C236	★87-010-408-089	CAP, ELECT 47-50 SME
C237	★87-010-403-089	CAP, ELECT 3.3-50 SME
C238	★87-010-403-089	CAP, ELECT 3.3-50 SME
C243	★87-018-104-089	CAP, CERA-SOL SS 10P-50 SL
C244	★87-018-104-089	CAP, CERA-SOL SS 10P-50 SL
C245	★87-018-119-089	CAP, CERA-SOL SS 100P-50 B
C246	★87-018-119-089	CAP, CERA-SOL SS 100P-50 B
C303	★87-018-125-089	CAP, CERA-SOL SS 330P-50 B
C304	★87-018-125-089	CAP, CERA-SOL SS 330P-50 B
C309	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C310	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C313	★87-018-205-089	CAP, CERA-SOL SS 0.022-25 F
C314	★87-010-260-089	CAP, ELECT 47-25 SME
C351	★87-018-121-089	CAP, CERA-SOL SS 150P-50 B
C352	★87-018-121-089	CAP, CERA-SOL SS 150P-50 B
C353	★87-018-124-089	CAP, CERA-SOL SS 270P-50 B

REF. NO.	PART NO.	DESCRIPTION
C354	★87-018-124-089	CAP, CERA-SOL SS 270P-50 B
C355	★87-010-260-089	CAP, ELECT 47-25 SME
C361	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C362	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C365	★87-018-205-089	CAP, CERA-SOL SS 0.022-25 F
C401	★87-010-402-089	CAP, ELECT 2.2-50 SME
C402	★87-010-402-089	CAP, ELECT 2.2-50 SME
C407	★87-010-401-089	CAP, ELECT 1-50 SME
C408	★87-010-401-089	CAP, ELECT 1-50 SME
C415	★87-018-121-089	CAP, CERA-SOL SS 150P-50 B
C416	★87-018-121-089	CAP, CERA-SOL SS 150P-50 B
C451	★87-018-123-089	CAP, CERA-SOL SS 220P-50 B
C452	★87-018-123-089	CAP, CERA-SOL SS 220P-50 B
C453	★87-018-131-089	CAP, CERA-SOL SS 1000P-50 B
C455	★87-018-131-089	CAP, CERA-SOL SS 1000P-50 B
C456	★87-010-260-089	CAP, ELECT 47-25 SME
C459	★87-018-198-089	CAP, CERA-SOL SS 2700P-16 X
C501	★87-010-405-089	CAP, ELECT 10-50 SME
C502	★87-010-405-089	CAP, ELECT 10-50 SME
C503	★87-018-131-089	CAP, CERA-SOL SS 1000P-50 B
C504	★87-018-131-089	CAP, CERA-SOL SS 1000P-50 B
C505	★87-010-401-089	CAP, ELECT 1-50 SME
C506	★87-010-401-089	CAP, ELECT 1-50 SME
C507	★87-018-131-089	CAP, CERA-SOL SS 1000P-50 B
C508	★87-018-131-089	CAP, CERA-SOL SS 1000P-50 B
C509	★87-010-371-089	CAP, ELECT 470-6.3
C515	★87-010-545-089	CAP, ELECT 0.22-50 SME
C516	★87-010-545-089	CAP, ELECT 0.22-50 SME
C517	★87-010-400-089	CAP, ELECT 0.47-50 SME
C518	★87-010-400-089	CAP, ELECT 0.47-50 SME
C520	★87-018-133-089	CAP, CERA-SOL SS 4700P-16 X
C521	★87-018-100-089	CAP, CERA-SOL SS 4.7P-50 SL
C522	★87-018-100-089	CAP, CERA-SOL SS 4.7P-50 SL
C523	★87-018-133-089	CAP, CERA-SOL SS 4700P-16 X
C524	★87-018-133-089	CAP, CERA-SOL SS 4700P-16 X
C525	★87-018-121-089	CAP, CERA-SOL SS 150P-50 B
C526	★87-010-260-089	CAP, ELECT 47-25 SME
C527	★87-010-401-089	CAP, ELECT 1-50 SME
C528	★87-018-100-089	CAP, CERA-SOL SS 4.7P-50 SL
C581	★87-010-405-089	CAP, ELECT 10-50 SME
C582	★87-010-405-089	CAP, ELECT 10-50 SME
C590	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C601	★87-010-401-089	CAP, ELECT 1-50 SME
C602	★87-010-401-089	CAP, ELECT 1-50 SME
C605	★87-018-121-089	CAP, CERA-SOL SS 150P-50 B
C606	★87-018-121-089	CAP, CERA-SOL SS 150P-50 B
C607	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C608	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C609	★87-010-401-089	CAP, ELECT 1-50 SME
C610	★87-010-401-089	CAP, ELECT 1-50 SME
C611	★87-010-404-089	CAP, ELECT 4.7-50 SME
C612	★87-010-404-089	CAP, ELECT 4.7-50 SME
C615	★87-018-198-089	CAP, CERA-SOL SS 2700P-16 X
C616	★87-018-198-089	CAP, CERA-SOL SS 2700P-16 X
C617	★87-018-122-089	CAP, CERA-SOL SS 180P-50 B
C618	★87-018-122-089	CAP, CERA-SOL SS 180P-50 B
C621	★87-010-400-089	CAP, ELECT 0.47-50 SME
C622	★87-010-400-089	CAP, ELECT 0.47-50 SME
C623	★87-010-404-089	CAP, ELECT 4.7-50 SME
C624	★87-010-404-089	CAP, ELECT 4.7-50 SME
C628	★87-010-404-089	CAP, ELECT 4.7-50 SME
C630	★87-010-405-089	CAP, ELECT 10-50 SME
C631	★87-010-401-089	CAP, ELECT 1-50 SME
C632	★87-010-401-089	CAP, ELECT 1-50 SME
C633	★87-010-101-089	CAP, ELECT 220-16 SME
C635	★87-010-405-089	CAP, ELECT 10-50 SME
C636	★87-010-404-089	CAP, ELECT 4.7-50 SME
C700	★87-010-221-089	CAP, ELECT 470-10

REF. NO.	PART NO.	DESCRIPTION
C701	★87-010-384-089	CAP, ELECT 100-25 SME
C702	★87-010-404-089	CAP, ELECT 4.7-50 SME
C703	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C704	★87-018-148-089	CAP, CERA-SOL SS 12P-50 CH
C705	★87-010-248-089	CAP, ELECT 220-10 SME
C706	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C707	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C708	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C710	★87-018-149-089	CAP, CERA-SOL SS 15P-50 CH
C713	★87-018-199-089	CAP, CERA-SOL SS 3300P-16 X
C714	★87-018-199-089	CAP, CERA-SOL SS 3300P-16 X
C715	★87-018-195-089	CAP, CERA-SOL SS 1200P-16 X
C716	★87-018-195-089	CAP, CERA-SOL SS 1200P-16 X
C720	★87-018-121-089	CAP, CERA-SOL SS 150P-50 B(E)
C721	★87-010-401-089	CAP, ELECT 1-50 SME
C722	★87-010-401-089	CAP, ELECT 1-50 SME
C723	★87-010-405-089	CAP, ELECT 10-50 SME
C724	★87-014-057-089	CAP, PP 1000P-100 J
C725	★87-010-401-089	CAP, ELECT 1-50 SME
C726	★87-010-403-089	CAP, ELECT 3.3-50 SME
C727	★87-010-248-089	CAP, ELECT 220-10 SME
C731	★87-018-134-089	CAP, CERA-SOL SS 0.01-16Y
C732	★87-018-134-089	CAP, CERA-SOL SS 0.01-16Y(E)
C733	★87-018-205-089	CAP, CERA-SOL SS 0.022 25 F
C741	★87-010-402-089	CAP, ELECT 2.2-50 SME
C742	★87-018-125-089	CAP, CERA-SOL SS 330P-50 B
C743	★87-010-382-089	CAP, ELECT 22-25 SME
C744	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C745	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C746	★87-010-401-089	CAP, ELECT 1-50 SME
C748	★87-010-404-089	CAP, ELECT 4.7-50 SME
C749	★87-010-405-089	CAP, ELECT 10-50 SME
C750	★87-010-544-089	CAP, ELECT 0.1-50
C751	★87-010-403-089	CAP, ELECT 3.3-50 SME
C752	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C754	★87-010-260-089	CAP, ELECT 47-25 SME
C755	★87-010-401-089	CAP, ELECT 1-50 SME
C756	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C760	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C799	★87-018-205-089	CAP, CERA-SOL SS 0.022-25 F(E)
C802	★87-018-102-089	CAP, CERA-SOL SS 6.8P-50 SL
C804	★87-018-102-089	CAP, CERA-SOL SS 6.8P-50 SL
C805	★87-018-098-089	CAP, CERA-SOL SS 3.3P-50 SL
C806	★87-018-096-089	CAP, CERA-SOL SS 1P-50 SL
C807	★87-018-100-089	CAP, CERA-SOL SS 4.7P-50 SL
C808	★87-018-119-089	CAP, CERA-SOL SS 100P-50 B
C809	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C810	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C811	★87-018-116-089	CAP, CERA-SOL SS 56P-50 SL
C812	★87-018-107-089	CAP, CERA-SOL SS 18P-50 SL
C813	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C814	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C815	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C817	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C818	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C819	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C820	★87-010-260-089	CAP, ELECT 47-25 SME
C821	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C822	★87-018-103-089	CAP, CERA-SOL SS 8.2P-50 SL
C823	★87-018-107-089	CAP, CERA-SOL SS 18P-50 SL
C826	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y(E)
C830	★87-018-214-089	CAP, CERA-SOL SS 0.1-50 F(E)
C831	★87-018-102-089	CAP, CERA-SOL SS 6.8P-50 SL
C833	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y(E)
C839	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C941	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y(E)
C942	★87-018-105-089	CAP, CERA-SOL SS 12P-50 SL(E)
C944	★87-018-105-089	CAP, CERA-SOL SS 12P-50 SL(LH)

REF. NO.	PART NO.	DESCRIPTION
C944	★87-018-104-089	CAP, CERA-SOL SS 10P-50 SL(E)
C945	★87-014-050-089	CAP, PP 510P-100 J(E)
C946	★87-010-401-089	CAP, ELECT 1-50 SME
C949	★87-018-214-089	CAP, CERA-SOL SS 0.1-50 F(E)
C983	★87-010-544-089	CAP, ELECT 0.1-50
C990	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C999	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y(E)
CF741	★82-794-670-019	CF BFU450C4N
CF801	★87-008-261-019	FILTER, SFE10.7MA5-A
CF802	★87-008-261-019	FILTER, SFE10.7MA5-A
J250	★87-049-855-019	JACK, 6.3 W/S(PHONES)
J253	★80-MT3-616-019	JACK, PIN 2P(SURROUND SPEAKERS)
J254	★87-033-215-089	TERMINAL SP 4P R(SPEAKERS)
J652	★82-MA2-631-010	JACK, PIN 4P RVS(VIDEO/AUX, PHONO)
J801	★87-033-214-089	ANT TERM 4P(ANTENNA)(LH)
J801	★81-631-646-010	ANT TERM 2P PAL(ANTENNA)(E)
J902	81-754-629-019	CONNECTOR XH M 2P(UL)(MW/LW LOOP)(E)
L401	★87-003-131-089	COIL, 10MMH K
L402	★87-003-131-089	COIL, 10MMH K
L403	★87-005-525-010	COIL, 22MMH-J
L404	★87-005-525-010	COIL, 22MMH-J
L451	★87-007-300-010	COIL, OSC BIAS 85K
L701	★81-631-643-089	COIL, 1 POLE MPX
L702	★81-631-643-089	COIL, 1 POLE MPX
L741	★81-631-611-089	COIL, QUAD
L742	★87-008-452-019	FILTER, CFAZ450
L801	★87-006-219-019	COIL, ANT FM 3/4T, S
L802	★87-006-198-019	COIL, ANT FM 2-3/4 TS, L5
L803	★87-006-200-019	COIL, RF FM 3-1/2T, L5
L804	★87-006-220-019	COIL, RF FM 3-1/2T, L5 S
L805	★87-003-098-089	COIL, 2.2UH
L806	★87-003-145-089	COIL, 8.2UH LAL02
L807	★87-007-259-019	COIL, OSC FM
L832	★87-003-098-089	COIL, 2.2UH
L941	★87-006-208-019	COIL, ANT LW(E)
L942	★87-007-305-019	COIL, OSC LW S(E)
R105	★87-022-191-019	RES, 0.1-5W
R106	★87-022-191-019	RES, 0.1-5W
R190	★87-022-391-089	RES, M/F 0.47-1W
R191	★87-022-391-089	RES, M/F 0.47-1W
R198	★87-022-391-089	RES, M/F 0.47-1W(LH)
R199	★87-022-391-089	RES, M/F 0.47-1W(LH)
R243	★87-022-050-019	RES, METAL 1W-0.22J
R244	★87-022-050-019	RES, METAL 1W-0.22J
R257	★87-022-050-019	RES, METAL 1W-0.22J
R258	★87-022-050-019	RES, METAL 1W-0.22J
RY101	★87-045-285-010	RELAY, VB12MB
SFR301	★87-024-349-089	SFR, 1K DIA6H
SFR302	★87-024-349-089	SFR, 1K DIA6H
SFR351	★87-024-349-089	SFR, 1K DIA6H
SFR352	★87-024-349-089	SFR, 1K DIA6H
SFR401	★87-024-352-089	SFR, 4.7K DIA6H
SFR402	★87-024-352-089	SFR, 4.7K DIA6H
SFR451	★87-024-351-089	SFR, 47K DIA6H
SFR452	★87-024-351-089	SFR, 47K DIA6H
SFR571	★87-024-353-089	SFR, 10K DIA6H
SFR721	★87-024-352-089	SFR, 4.7K DIA6H
SFR722	★87-024-355-089	SFR, 33K DIA6H
TC801	★87-011-219-089	CAP, TRIMMER 10P VCT
TC802	★87-011-219-089	CAP, TRIMMER 10P VCT
TC942	★87-011-221-089	CAP, TRIMMER 30P VCT 51(E)
TU101	★81-MX4-620-019	AM PACK 3(LH)
TU101	★81-MX4-619-019	AM PACK 4(E)
VC801	87-027-900-019	VARI-CAP, 1SV147
VC802	87-027-900-019	VARI-CAP, 1SV147
VC803	87-027-900-019	VARI-CAP, 1SV147
VR651	★81-MX4-636-019	VR, 50KBX2(VIDEO/AUX INPUT LEVEL)

REF. NO.	PART NO.	DESCRIPTION
X701	★87-030-278-089	RESONATOR, CRYSTAL 7.2MHZ, S
===FRONT CIRCUIT BOARD SECTION===		
C201	★87-010-263-089	CAP, ELECT 100-10
C202	★87-016-088-089	CAP, ELECT 220-6.3 SR
C203	★87-010-401-089	CAP, ELECT 1-50 SME
C204	★87-010-401-089	CAP, ELECT 1-50 SME
C205	★87-010-404-089	CAP, ELECT 4.7-50 SME
C206	★87-015-688-089	CAP, ELECT 4.7-35 7L
C207	★87-015-688-089	CAP, ELECT 4.7-35 7L
C208	★87-018-214-089	CAP, CERA-SOL SS 0.1-50 F
C209	★87-018-195-089	CAP, CERA-SOL SS 1200P-16 X
C210	★87-018-195-089	CAP, CERA-SOL SS 1200P-16 X
C401	★87-010-404-089	CAP, ELECT 4.7-50 SME
C403	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C501	★87-010-384-089	CAP, ELECT 100-25 SME(LH)
C601	★87-018-125-089	CAP, CERA-SOL SS 330P-50 B
C602	★87-018-125-089	CAP, CERA-SOL SS 330P-50 B
C605	★87-015-690-089	CAP, ELECT 22-35 7L
C606	★87-010-406-089	CAP, ELECT 22-50 SME
C607	★87-015-688-089	CAP, ELECT 4.7-35 7L
C608	★87-010-404-089	CAP, ELECT 4.7-50 SME
C609	★87-015-688-089	CAP, ELECT 4.7-35 7L
C610	★87-010-404-089	CAP, ELECT 4.7-50 SME
C615	★87-015-696-089	CAP, ELECT 2.2-50 7L
C616	★87-010-402-089	CAP, ELECT 2.2-50 SME
C619	★87-018-130-089	CAP, CERA-SOL SS 820P-50 B
C620	★87-018-130-089	CAP, CERA-SOL SS 820P-50 B
C621	★87-018-197-089	CAP, CERA-SOL SS 1800P-16 X
C622	★87-018-197-089	CAP, CERA-SOL SS 1800P-16 X
C623	★87-018-197-089	CAP, CERA-SOL SS 1800P-16 X
C624	★87-018-197-089	CAP, CERA-SOL SS 1800P-16 X
C625	★87-018-133-089	CAP, CERA-SOL SS 4700P-16 X
C626	★87-018-133-089	CAP, CERA-SOL SS 4700P-16 X
C627	★87-018-133-089	CAP, CERA-SOL SS 4700P-16 X
C628	★87-018-133-089	CAP, CERA-SOL SS 4700P-16 X
C641	★87-010-545-089	CAP, ELECT 0.22-50 SME
C642	★87-010-545-089	CAP, ELECT 0.22-50 SME
C643	★87-010-068-089	CAP, ELECT 0.22-50 5L
C644	★87-010-068-089	CAP, ELECT 0.22-50 5L
C645	★87-010-400-089	CAP, ELECT 0.47-50 SME
C646	★87-010-400-089	CAP, ELECT 0.47-50 SME
C649	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C700	★87-018-134-089	CAP, CERA-SOL SS 0.01-16 Y
C701	★87-018-195-089	CAP, CERA-SOL SS 1200P-16 X
C703	★87-015-695-089	CAP, ELECT 1-50 7L
C704	★87-018-125-089	CAP, CERA-SOL SS 330P-50 B
C705	★87-010-546-089	CAP, ELECT 0.33-50 SME
C706	★87-018-125-089	CAP, CERA-SOL SS 330P-50 B
C707	★87-010-264-089	CAP, ELECT 100-10 5L
C708	★87-010-071-089	CAP, ELECT 1-50 5L
C710	★87-010-264-089	CAP, ELECT 100-10 5L
C711	★87-015-695-089	CAP, ELECT 1-50 7L
C712	★87-015-695-089	CAP, ELECT 1-50 7L
C713	★87-015-699-089	CAP, ELECT 10-50 7L
C714	★87-015-699-089	CAP, ELECT 10-50 7L
C717	★87-018-119-089	CAP, CERA-SOL SS 100P-50 B
C718	★87-018-119-089	CAP, CERA-SOL SS 100P-50 B
C720	★87-010-260-089	CAP, ELECT 47-25 SME
C901	★87-018-195-089	CAP, CERA-SOL SS 1200P-16 X
C902	★87-010-263-089	CAP, ELECT 100-10
C903	★87-016-088-049	CAP, ELECT 220-6.3 SR
C904	★87-010-401-089	CAP, ELECT 1-50 SME
C906	★87-010-263-089	CAP, ELECT 100-10
C909	★87-018-121-089	CAP, CERA-SOL SS 150P-50 B
C910	★87-018-119-089	CAP, CERA-SOL SS 100P-50 B
C911	★87-018-119-089	CAP, CERA-SOL SS 100P-50 B

REF. NO.	PART NO.	DESCRIPTION
C912	★87-018-214-089	CAP, CERA-SOL SS 0.1-50 F
C913	★87-018-214-089	CAP, CERA-SOL SS 0.1-50 F
C915	★87-018-134-010	CAP, CERA-SOL 0.01-16 Y
FL101	★82-MK2-633-019	FL, 8-BT-131GK(DISPLAY)
FL102	★82-MA2-635-019	FL, BJ082GK(SPEANA)
J701	★87-009-204-010	JACK 6.3(MIC)
LED405	87-002-816-080	LED, SEL2415E GRN(■STOP)
LED406	87-002-816-080	LED, SEL2415E GRN(MS)
LED407	87-002-816-080	LED, SEL2415E GRN(REV)
LED408	87-002-816-080	LED, SEL2415E GRN(❚❚PAUSE/SET)
LED409	87-002-816-080	LED, SEL2415E GRN(MS)
LED410	87-002-816-080	LED, SEL2415E GRN(FWD)
LED411	87-002-738-080	LED, SEL2210R TP6(TAPE/DECK1/2)
LED412	87-002-738-080	LED, SEL2210R TP6(TUNER/BAND)
LED413	87-002-738-080	LED, SEL2210R TP6(PHONO)
LED414	87-002-738-080	LED, SEL2210R TP6(VIDEO/AUX)
LED415	87-002-738-080	LED, SEL2210R TP6(CD)
S301	87-036-215-089	SW, TACT(❚❚PAUSE/SET) (LH)
S301	87-036-259-010	SW, TACT(❚❚PAUSE/SET) (E)
S302	87-036-215-089	SW, TACT(●REC/REC MUTE) (LH)
S302	87-036-259-010	SW, TACT(●REC/REC MUTE) (E)
S303	87-036-215-089	SW, TACT(NORMAL) (LH)
S303	87-036-259-010	SW, TACT(NORMAL) (E)
S304	87-036-215-089	SW, TACT(HIGH) (LH)
S304	87-036-259-010	SW, TACT(HIGH) (E)
S305	87-036-215-089	SW, TACT(TUNING) (LH)
S305	87-036-259-010	SW, TACT(TUNING) (E)
S306	87-036-215-089	SW, TACT(PRESET) (LH)
S306	87-036-259-010	SW, TACT(PRESET) (E)
S307	87-036-215-089	SW, TACT(CLOCK) (LH)
S307	87-036-259-010	SW, TACT(CLOCK) (E)
S308	87-036-215-089	SW, TACT(FM/MODE) (LH)
S308	87-036-259-010	SW, TACT(FM/MODE) (E)
S309	87-036-215-089	SW, TACT(UP▶▶) (LH)
S309	87-036-259-010	SW, TACT(UP▶▶) (E)
S310	87-036-215-089	SW, TACT(◀◀DOWN) (LH)
S310	87-036-259-010	SW, TACT(◀◀DOWN) (E)
S311	87-036-215-089	SW, TACT(◀PLAY/DIR▶) (LH)
S311	87-036-259-010	SW, TACT(◀PLAY/DIR▶) (E)
S312	87-036-215-089	SW, TACT(■STOP) (LH)
S312	87-036-259-010	SW, TACT(■STOP) (E)
S313	87-036-215-089	SW, TACT(PHONO) (LH)
S313	87-036-259-010	SW, TACT(PHONO) (E)
S314	87-036-215-089	SW, TACT(T-BASS) (LH)
S314	87-036-259-010	SW, TACT(T-BASS) (E)
S315	87-036-215-089	SW, TACT(BBE) (LH)
S315	87-036-259-010	SW, TACT(BBE) (E)
S316	87-036-215-089	SW, TACT(VOCAL FADER) (LH)
S316	87-036-259-010	SW, TACT(VOCAL FADER) (E)
S317	87-036-215-089	SW, TACT(CD) (LH)
S317	87-036-259-010	SW, TACT(CD) (E)
S318	87-036-215-089	SW, TACT(TAPE/DECK1/2) (LH)
S318	87-036-259-010	SW, TACT(TAPE/DECK1/2) (E)
S319	87-036-215-089	SW, TACT(TUNER/BAND) (LH)
S319	87-036-259-010	SW, TACT(TUNER/BAND) (E)
S320	87-036-215-089	SW, TACT(VIDEO/AUX) (LH)
S320	87-036-259-010	SW, TACT(VIDEO/AUX) (E)
S321	87-036-215-089	SW, TACT(REV MODE[DECK1/2]) (LH)
S321	87-036-259-010	SW, TACT(REV MODE[DECK1/2]) (E)
S322	87-036-215-089	SW, TACT(DOLBYNR) (LH)
S322	87-036-259-010	SW, TACT(DOLBYNR) (E)
S323	87-036-215-089	SW, TACT(SLEEP) (LH)
S323	87-036-259-010	SW, TACT(SLEEP) (E)
S324	87-036-215-089	SW, TACT(STANDBY) (LH)
S324	87-036-259-010	SW, TACT(STANDBY) (E)
S333	87-036-215-089	SW, TACT(POWER) (LH)
S333	87-036-259-010	SW, TACT(POWER) (E)
S901	87-036-215-089	SW, TACT(DEMO) (LH)
S901	87-036-259-010	SW, TACT(DEMO) (E)
S902	87-036-215-089	SW, TACT(GRAPHIC EQUALIZER) (LH)
S902	87-036-259-010	SW, TACT(GRAPHIC EQUALIZER) (E)
S903	87-036-215-089	SW, TACT(MEMORY) (LH)
S903	87-036-259-010	SW, TACT(MEMORY) (E)
S904	87-036-215-089	SW, TACT(ROCK) (LH)
S904	87-036-259-010	SW, TACT(ROCK) (E)
S905	87-036-215-089	SW, TACT(POP) (LH)
S905	87-036-259-010	SW, TACT(POP) (E)
S906	87-036-215-089	SW, TACT(JAZZ) (LH)
S906	87-036-259-010	SW, TACT(JAZZ) (E)
S907	87-036-215-089	SW, TACT(CLASSIC) (LH)
S907	87-036-259-010	SW, TACT(CLASSIC) (E)
S908	87-036-215-089	SW, TACT(M1) (LH)
S908	87-036-259-010	SW, TACT(M1) (E)
S909	87-036-215-089	SW, TACT(M2) (LH)
S909	87-036-259-010	SW, TACT(M2) (E)
S910	87-036-215-089	SW, TACT(M3) (LH)
S910	87-036-259-010	SW, TACT(M3) (E)
S911	87-036-215-089	SW, TACT(M4) (LH)
S911	87-036-259-010	SW, TACT(M4) (E)
S912	87-036-215-089	SW, TACT(∧) (LH)
S912	87-036-259-010	SW, TACT(∧) (E)
S913	87-036-215-089	SW, TACT(∨) (LH)
S913	87-036-259-010	SW, TACT(∨) (E)
S914	87-036-215-089	SW, TACT(>) (LH)
S914	87-036-259-010	SW, TACT(>) (E)
S915	87-036-215-089	SW, TACT(<) (LH)
S915	87-036-259-010	SW, TACT(<) (E)
VR701	★81-MX4-637-019	VR 10KA(MIXING PLAY)
VR703	★82-MA2-634-019	VR, 50KB(BALANCE)
X201	★89-MX1-704-089	CERA LOCK(MU)3.9MHZ
X901	★89-MX1-704-089	CERA LOCK(MU)3.9MHZ
===MVR CIRCUIT BOARD SETION ===		
C751	★87-018-212-089	CAP, CERA-SOL SS 0.022-50 F
MVR751	★82-MA3-635-019	VR, 50KBX2 (MO)(VOLUME)
LED751	+ + +	LED(VOLUME)
M751	+ + +	MOTOR(VOLUME)
===AC CIRCUIT BAORD SECTION===		
FT102	81-MX4-647-019	F-CABEL, 7P-2.5
FT103	★82-MK3-651-019	F-CABEL, 3P-2.5
R100	★87-022-449-019	RES, NF 0.47-1/2W(LH)
R100	★87-025-465-019	RES, NF 0.47-1/4W J(E)
R101	★87-022-449-019	RES, NF 0.47-1/2W(LH)
R101	★87-025-465-019	RES, NF 0.47-1/4W J(E)
R190	★87-022-391-019	RES, M/F 0.47-1W
R191	★87-022-391-019	RES, M/F 0.47-1W
===DECK-1 CIRCUIT BOARD SECTION===		
S1	87-036-110-019	SW, PUSH(PLAY)
S2	86-575-632-110	SW, LEAF(FR)
S3	87-036-110-019	SW, PUSH(CST)
S4	87-036-110-019	SW, PUSH(LH)
SOL1	★86-575-622-010	SOLENOID(PLAY)
SOL2	★86-575-622-010	SOLENOID(FR)
===DECK-2 CIRCUIT BOARD SECTION===		
M1	87-045-319-019	MOTOR SHU2L
S10	87-036-110-019	SW, PUSH(PLAY)
S11	86-575-632-110	SW, LEAF(FR)
S12	87-036-110-019	SW, PUSH(CST)
S13	87-036-110-019	SW, PUSH(LH)
S14	87-036-109-019	SW, PUSH(REA)
S15	87-036-110-019	SW, PUSH(REB)
SFR10	★87-024-331-019	SFR 5K
SOL10	★86-575-622-010	SOLENOID(PLAY)

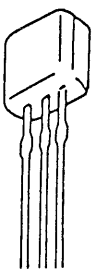
REF. NO.	PART NO.	DESCRIPTION
SOL11	★86-575-622-010	SOLENOID(FR)
	===RELAY-2 CIRCUIT BOARD SECTION===	
	===RELAY-1 CIRCUIT BOARD SECTION===	
	===AC VOLTAGE CIRCUIT BOARD SECTION(LH MODEL)===	
⚠SW101	87-036-173-089	SW, SLIDE(LH)(AC VOLTAGE)
	===JACK CIRCUIT BOARD SECTION===	
C702	★87-010-071-089	CAP, ELECT 1-50 5L
J751	★87-009-204-089	JACK, 6.3(MIC)
	===PT CIRCUIT BOARD SECTION===	
⚠	★87-033-147-089	CLANP, FUSE
	★82-304-743-089	TERMINAL, 1P
⚠F101	★87-035-367-010	FUSE, 3.15A 250V
⚠F102	★87-035-367-010	FUSE, 3.15A 250V(LH)
	===FAN CIRCUIT BOARD SECTION(E MODEL)===	
C801	★87-010-371-089	CAP, ELECT 470-6.3
	===MISCELLANEOUS===	
⚠	★87-034-749-089	AC CORD H W/PLUG(E)
⚠	★82-187-797-089	AC CORD E (E)
⚠	★87-085-184-010	BUSHING, AC CORD D(LH)
⚠	★87-085-185-010	BUSHING, AC CORD E(E)
LED101	87-020-109-089	LED, SLF-201C(CASSETTE BACK LIGHT)
LED102	87-020-109-089	LED, SLF-201C(CASSETTE BACK LIGHT)
PH	87-046-355-010	P HEAD(D1)
RPEH	87-046-356-010	R.P.E HEAD(D2)
⚠PT101	★82-MK0-610-089	POWER TRANSFORMER, 2MK-0 H(LH)
⚠PT101	★82-MK0-611-089	POWER TRANSFORMER, 2MK-0 E(E)

TRANSISTOR ILLUSTRATION

E C B

2SA1015
2SA1296
2SA1318
2SA952
2SA970
2SC1815

2SC1923
2SC2001
2SC3266
2SC3331
2SD655



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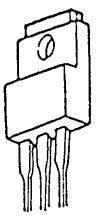
DTA144
DTA114
DTA143
DTA144



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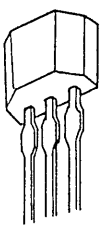
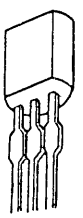


D S G

2SK161
2SK241

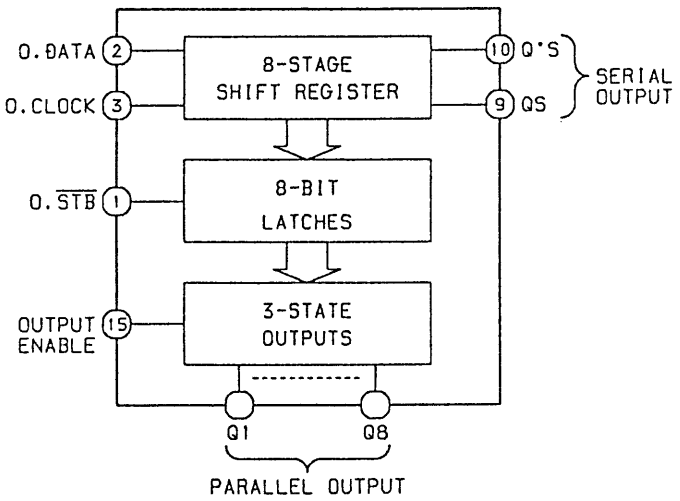


S G D

2SK246

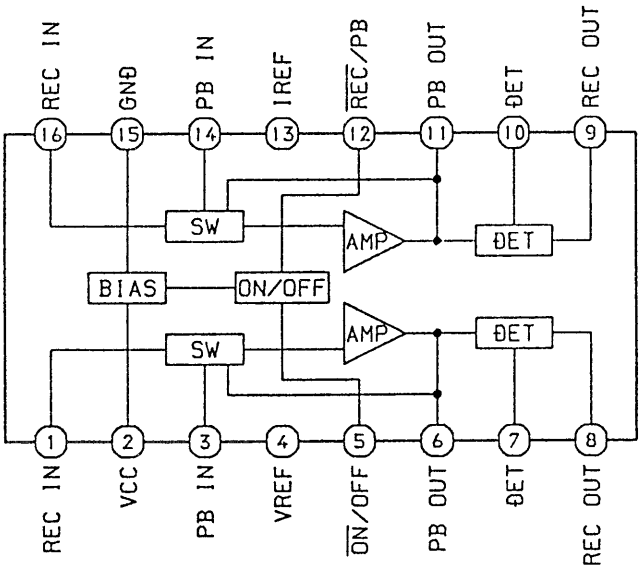
IC BLOCK DIAGRAM – 1

IC,BU4094B

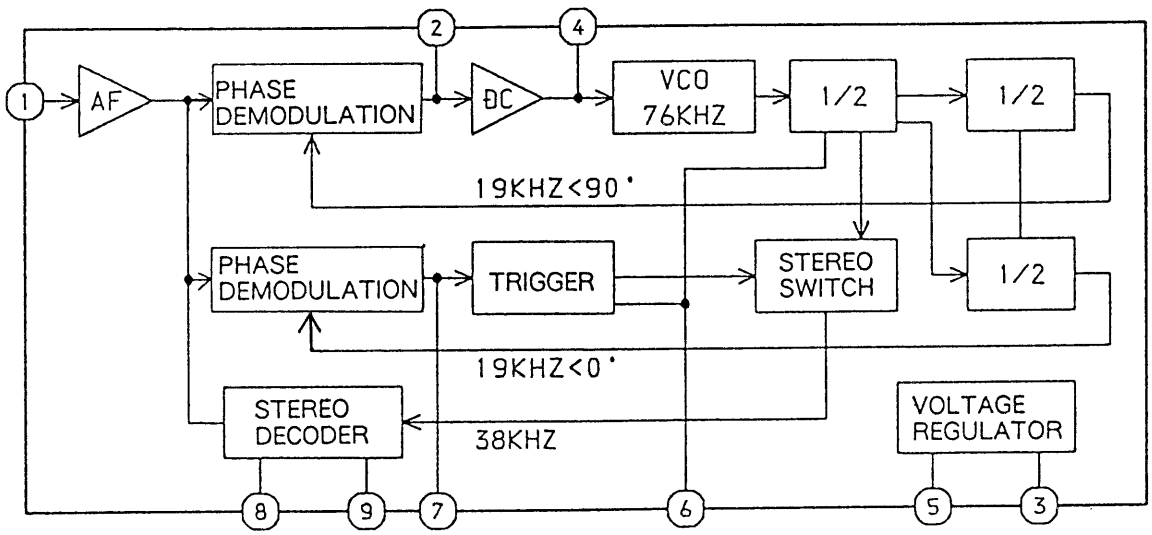


Q1:O.DOLBY ON Q5:O.PLAY
Q2:O.DOLBY C Q6:O.PB2
Q3:O.EXT.REC Q7:O.LED
Q4:O.INT.REC Q8:O.$\overline{RMT}$

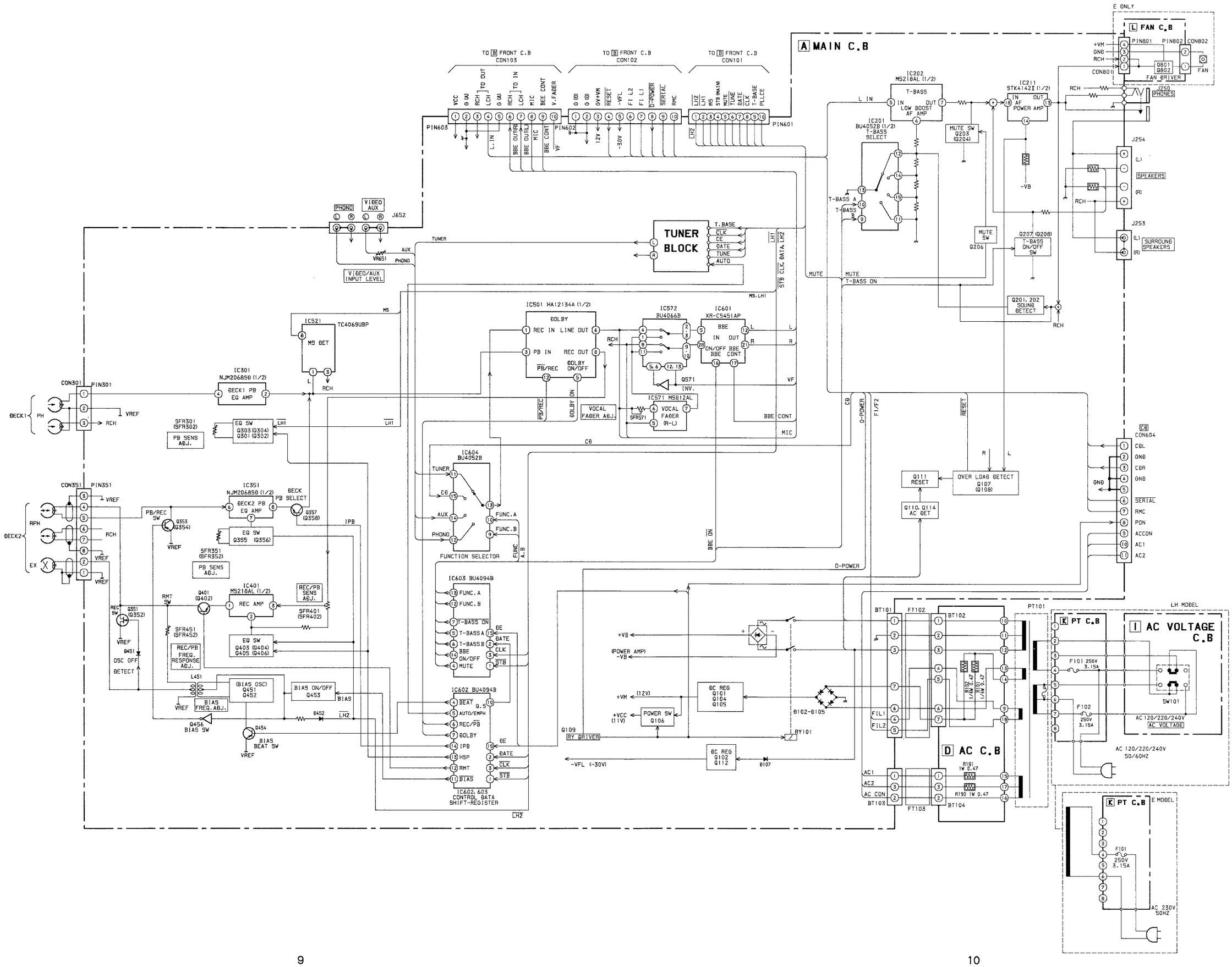
IC,HA12134A



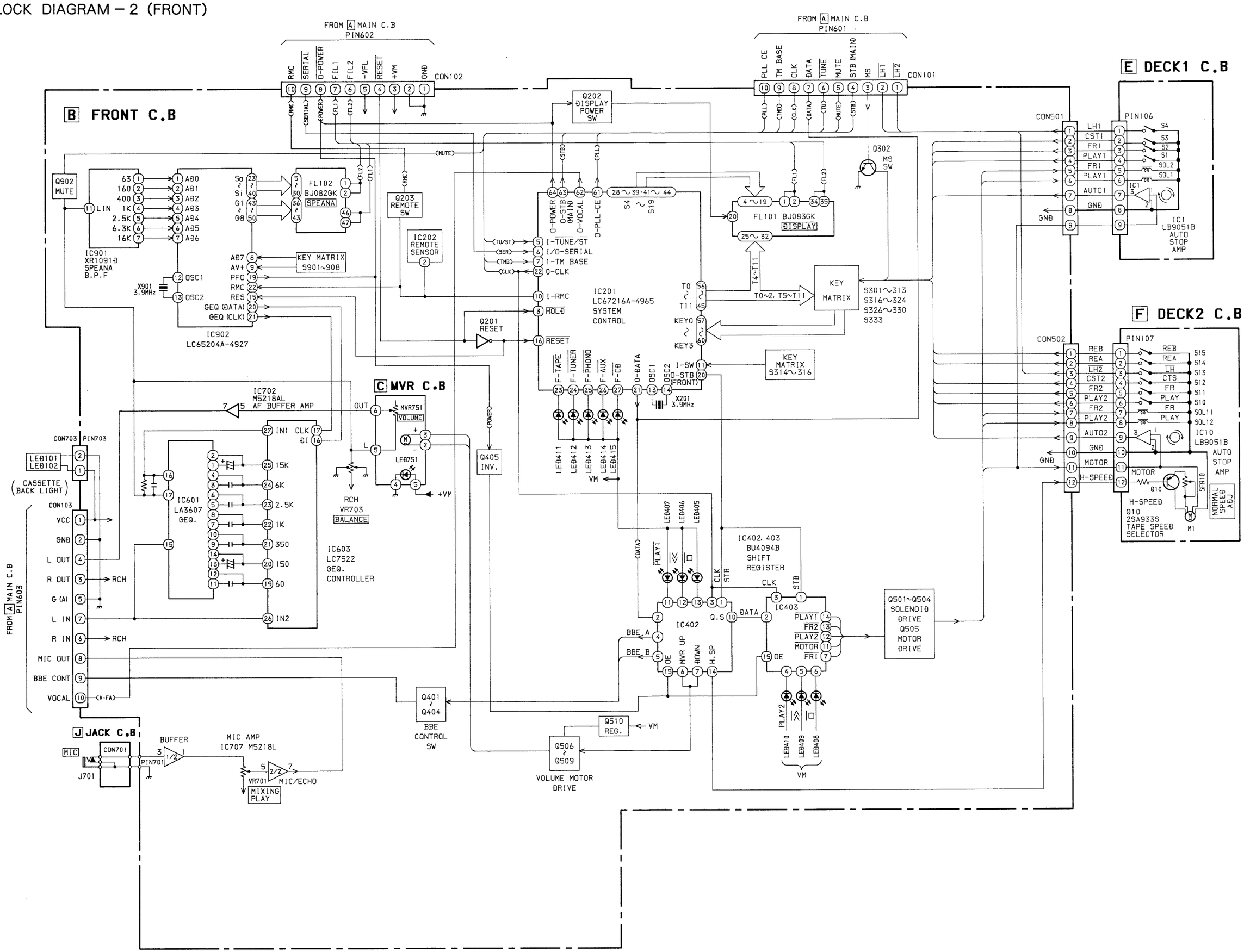
IC,TA7343AP



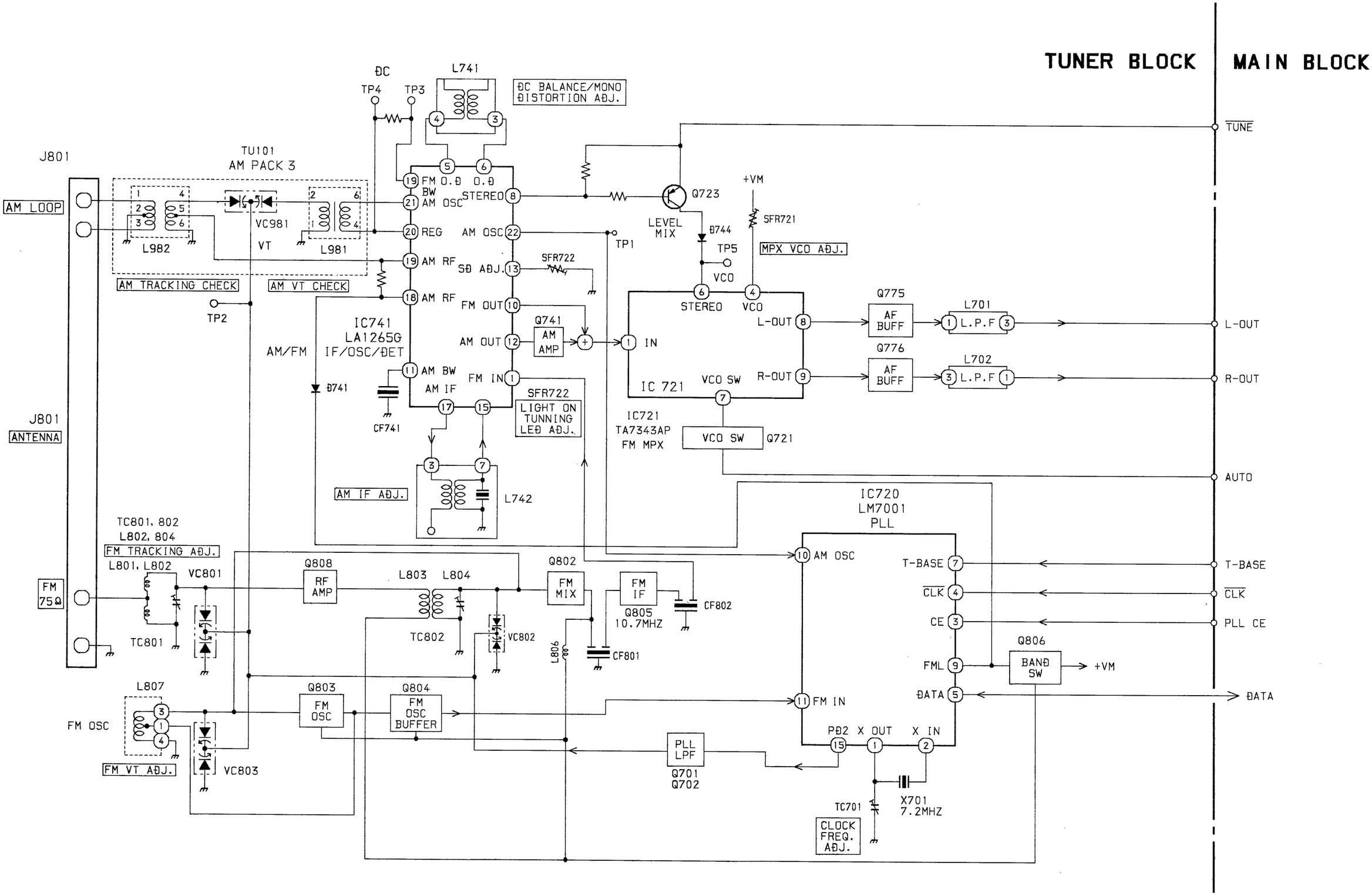
BLOCK DIAGRAM – 1 (MAIN)

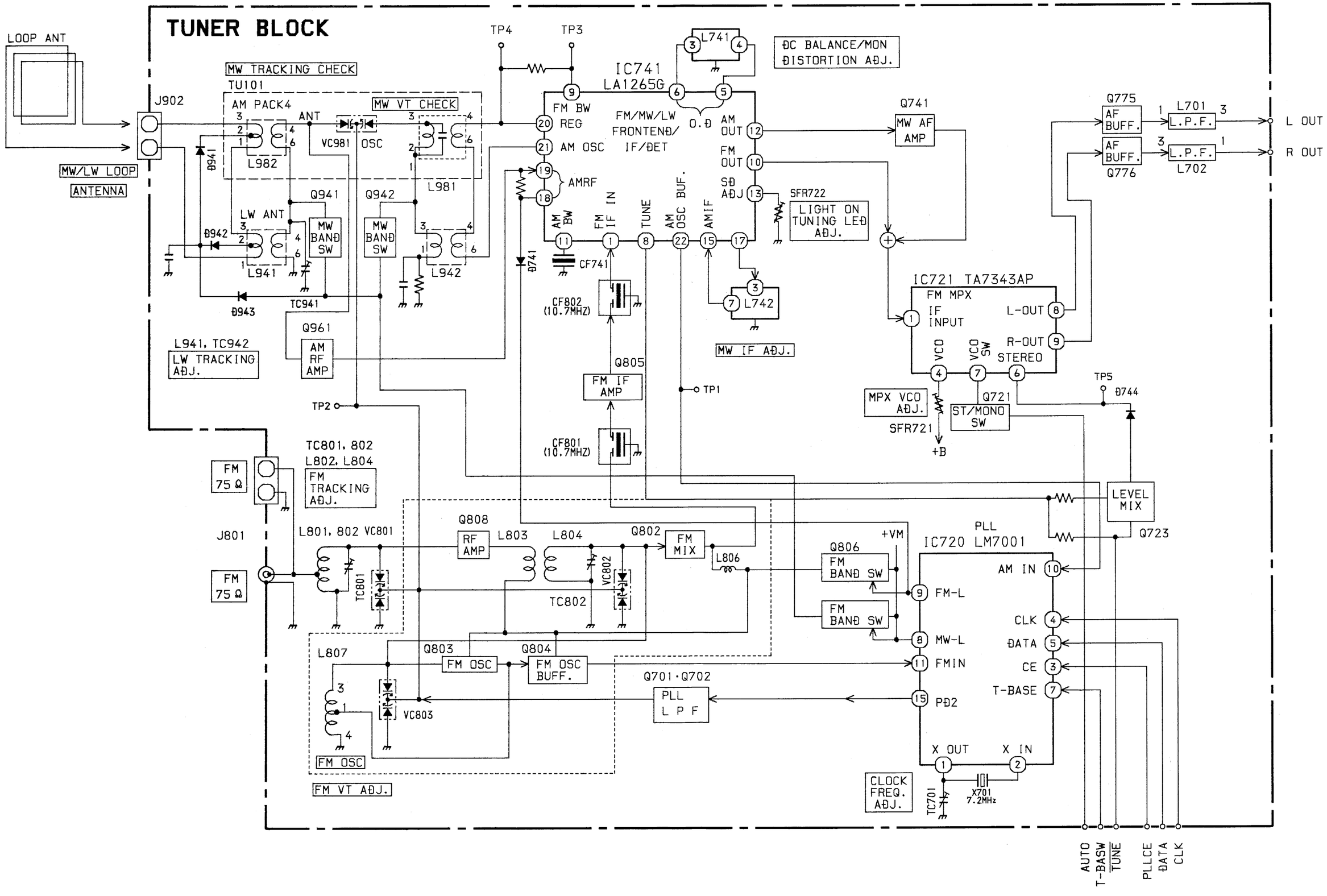


BLOCK DIAGRAM – 2 (FRONT)

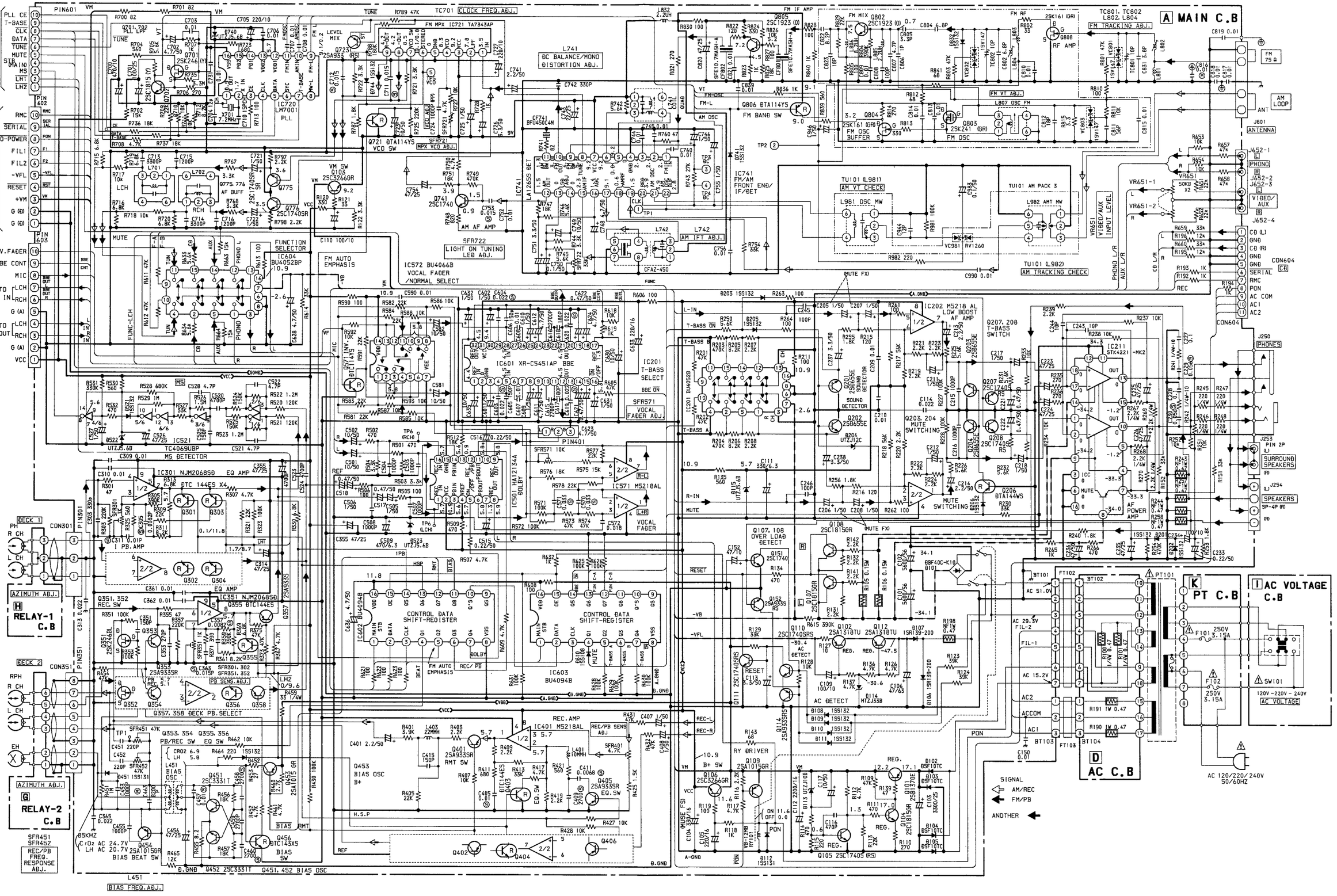


BLOCK DIAGRAM – 3 (TUNER : LH)




TUNER BLOCK
LOOP ANT
MW/LW LOOP ANTENNA
J902
MW TRACKING CHECK
TU101
AM PACK4
ANT
MW VT CHECK
VC981
OSC
L982
L981
ÐC BALANCE/MONÐISTORTION AÐJ.
IC741
LA1265G
FM BW REG
AM OSC
FM/MW/LW FRONTENÐ/IF/ÐET
O.Ð
AM OUT
FM OUT
SÐ AÐJ
AMRF
AM BW
FM IF IN
TUNE
AM OSC BUF.
AMIF
SFR722
LIGHT ON TUNING LEÐ AÐJ.
Q741
MW AF AMP
Q775
AF BUFF.
L701
L.P.F.
L OUT
Q776
L702
R OUT
Ð941
Ð942
Ð943
Ð741
Q941
Q942
LW ANT
MW BANÐ SW
L941
L942
TC941
CF741
CF802 (10.7MHZ)
L742
MW IF AÐJ.
IC721 TA7343AP
FM MPX
IF INPUT
L-OUT
R-OUT STEREO
VCO
VCO SW
Q961
AM RF AMP
L941, TC942
LW TRACKING AÐJ.
Q805
FM IF AMP
CF801 (10.7MHZ)
TP1
TP2
TP3
TP4
TP5
Ð744
Q721
ST/MONO SW
MPX VCO AÐJ.
SFR721
+B
TC801, 802
L802, L804
FM TRACKING AÐJ.
FM 75 Ω
J801
L801, 802 VC801
TC801
TC802
VC802
Q808
RF AMP
L803
L804
Q802
FM MIX
L806
LEVEL MIX
Q723
PLL
IC720 LM7001
+VM
Q806
FM BANÐ SW
AM IN
FM-L
MW-L
FMIN
PÐ2
CLK
ÐATA
CE
T-BASE
X OUT
X IN
X701 7.2MHz
TC701
CLOCK FREQ. AÐJ.
L807
Q803
FM OSC
Q804
FM OSC BUFF.
Q701·Q702
PLL L P F
VC803
FM OSC
FM VT AÐJ.
AUTO
T-BASW
TUNE
PLLCE
ÐATA
CLK

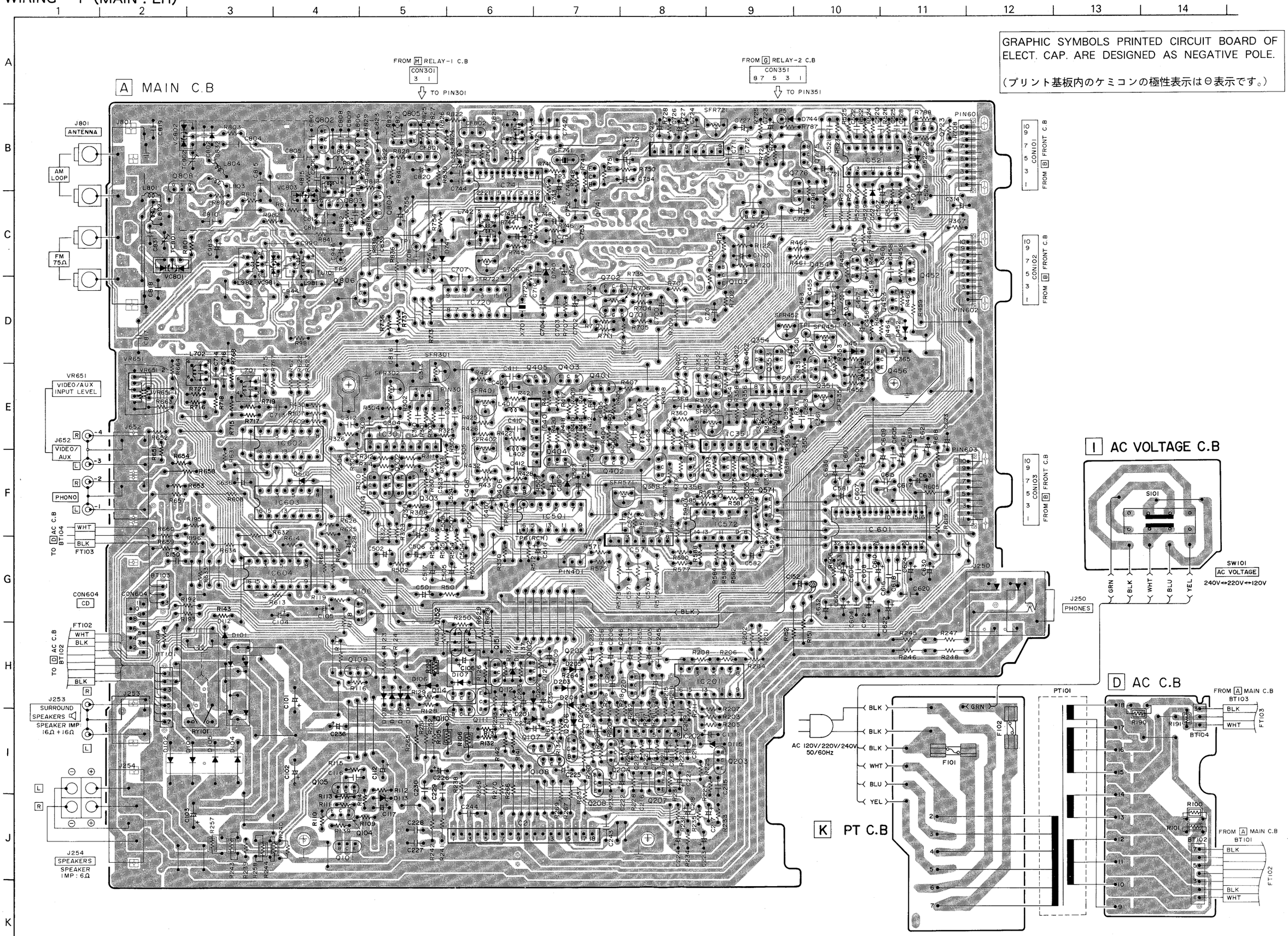
SCHEMATIC DIAGRAM – 1 (MAIN : LH)



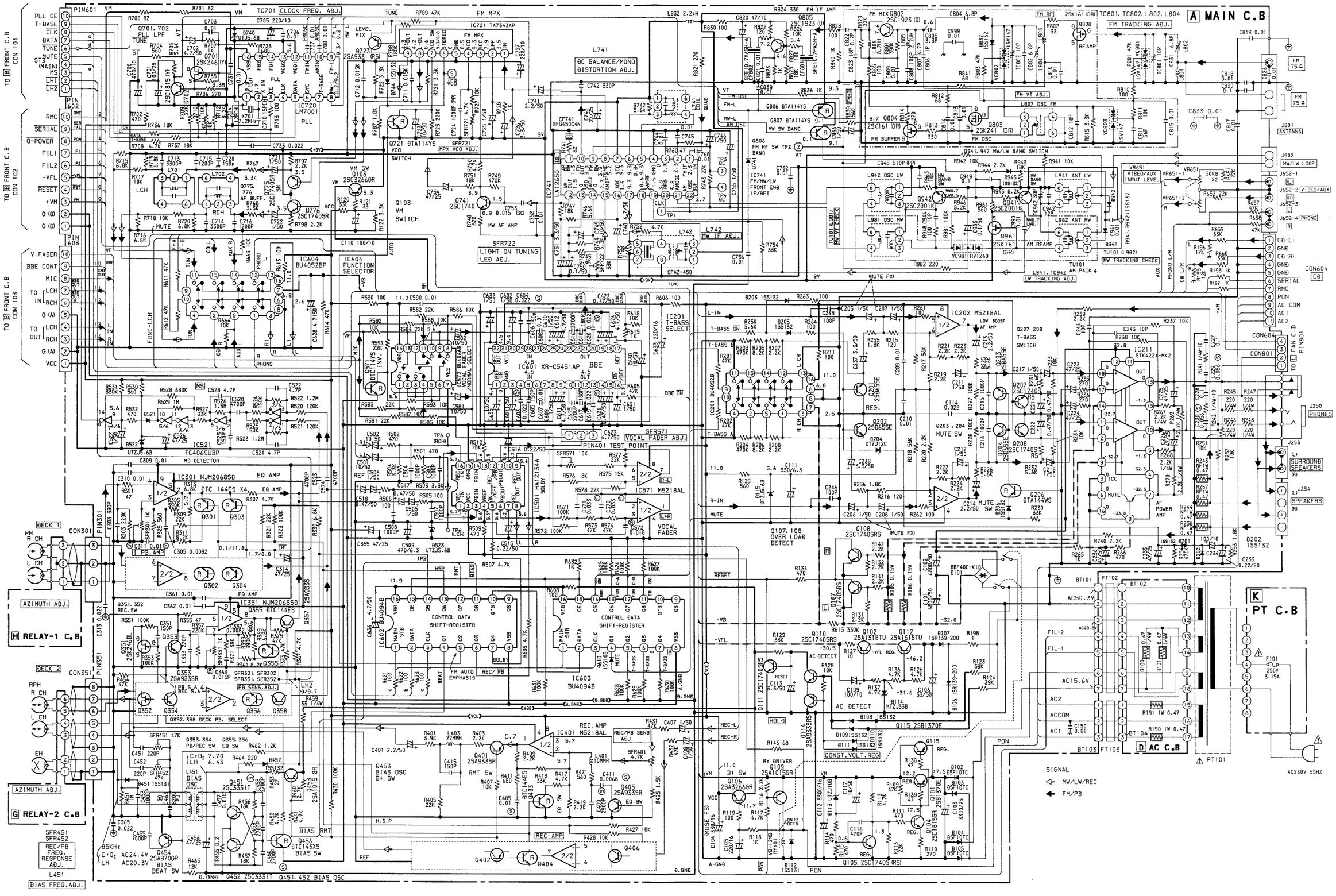
WIRING – 1 (MAIN : LH)

GRAPHIC SYMBOLS PRINTED CIRCUIT BOARD OF ELECT. CAP. ARE DESIGNED AS NEGATIVE POLE.

（プリント基板内のケミコンの極性表示はΘ表示です。）



SCHEMATIC DIAGRAM – 2 (MAIN : E)



WIRING – 2 (MAIN : E)

GRAPHIC SYMBOLS PRINTED CIRCUIT BOARD OF ELECT. CAP. ARE DESIGNED AS NEGATIVE POLE.

（プリント基板内のケミコンの極性表示はθ表示です。）

A MAIN C.B

FROM H RELAY-1 C.B
CON301
3 1
TO PIN301

FROM G RELAY-2 C.B
CON351
8 7 5 3 1
TO PIN351

J801 ANTENNA
FM 75Ω
FM 75Ω
J902 MW/LW LOOP
VR651 VIDEO/AUX INPUT LEVEL
J652 VIDEO/AUX
J652 PHONO
TO D AC C.B BT104 WHT BLK FT103
CON604 CD
TO D AC C.B BT102 WHT BLK BLK FT102
J253 SURROUND SPEAKERS SPEAKER IMP: 16Ω + 16Ω
J254 SPEAKERS SPEAKER IMP : 6Ω

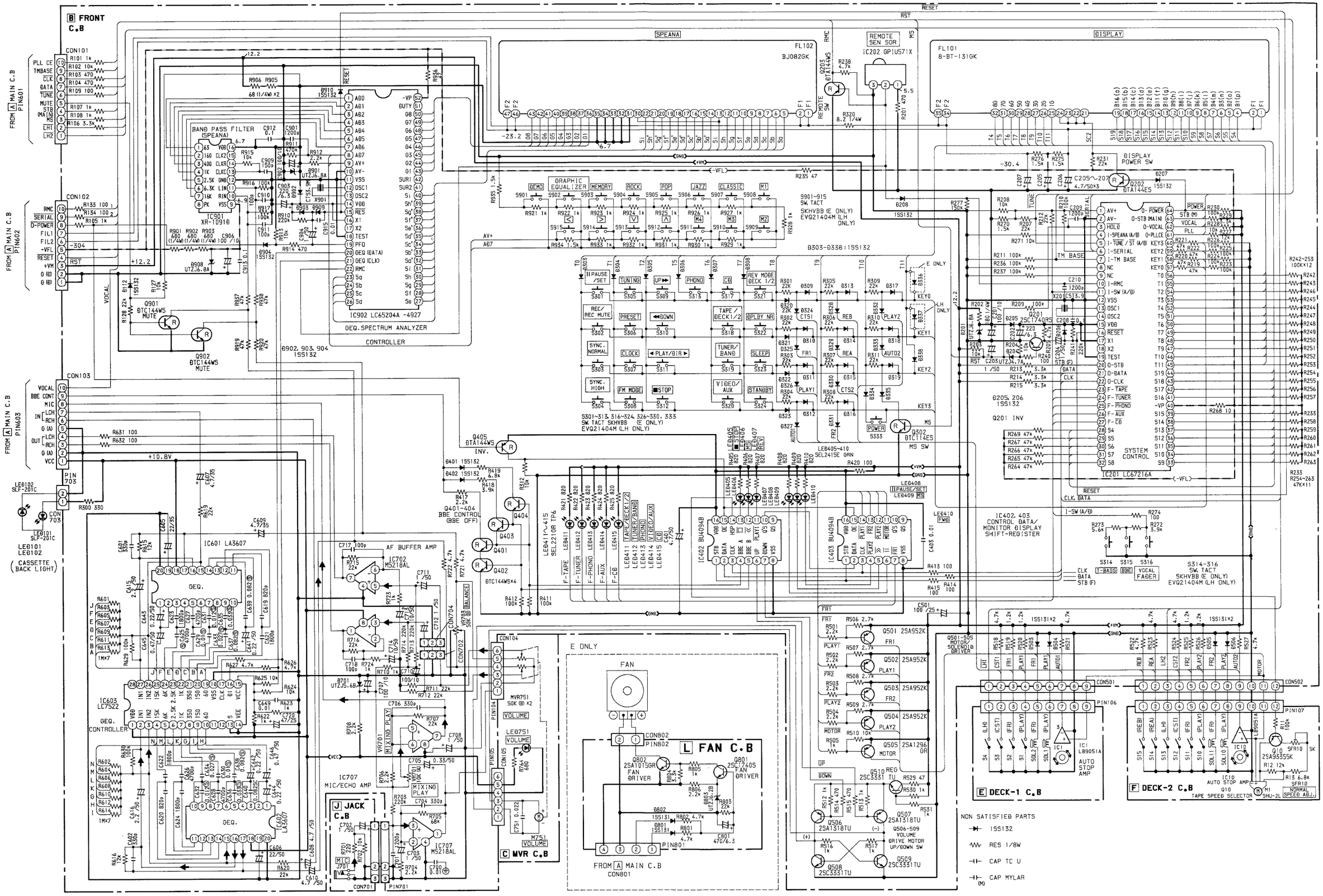
CON101 FROM B FRONT C.B
CON102 FROM B FRONT C.B
CON103 FROM B FRONT C.B
J250 PHONES

CON801
4 3 1
TO L FAN C.B PIN801
AC 230V 50Hz

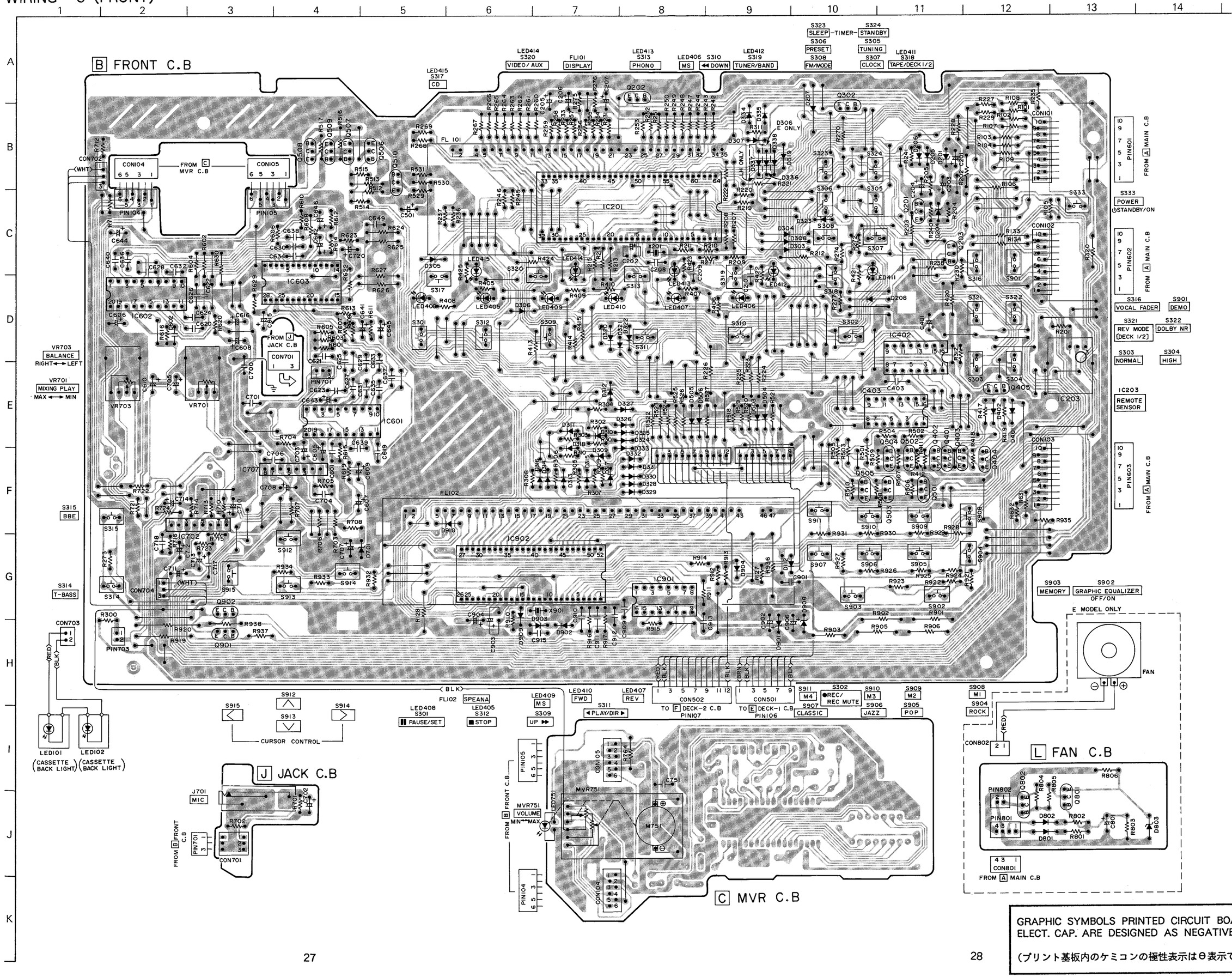
K PT C.B

D AC C.B
FROM A MAIN C.B BT103 BLK WHT FT103
FROM A MAIN C.B BT101 BLK BLK WHT FT102

SCHEMATIC DIAGRAM – 3 (FRONT)

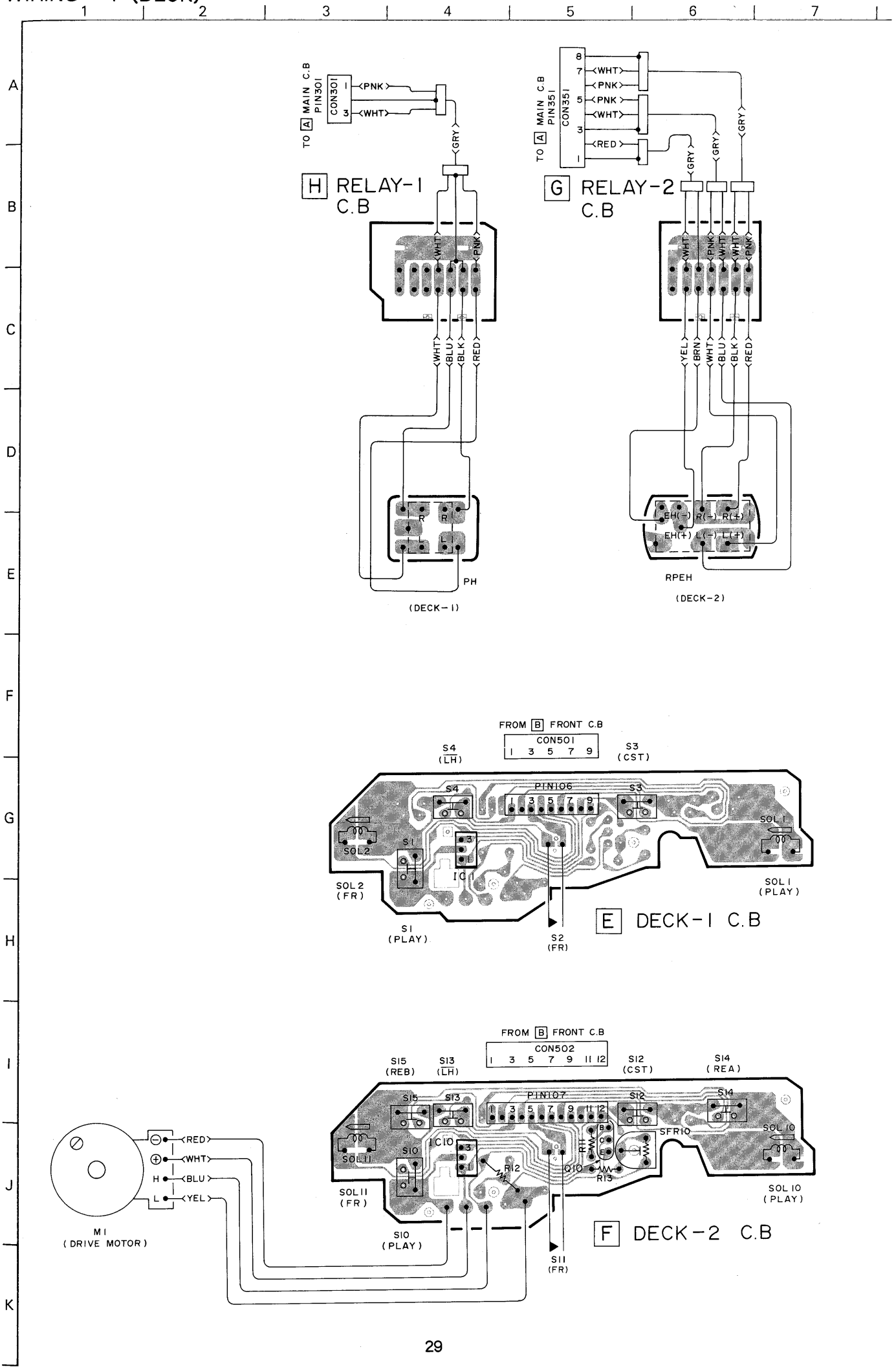


WIRING – 3 (FRONT)



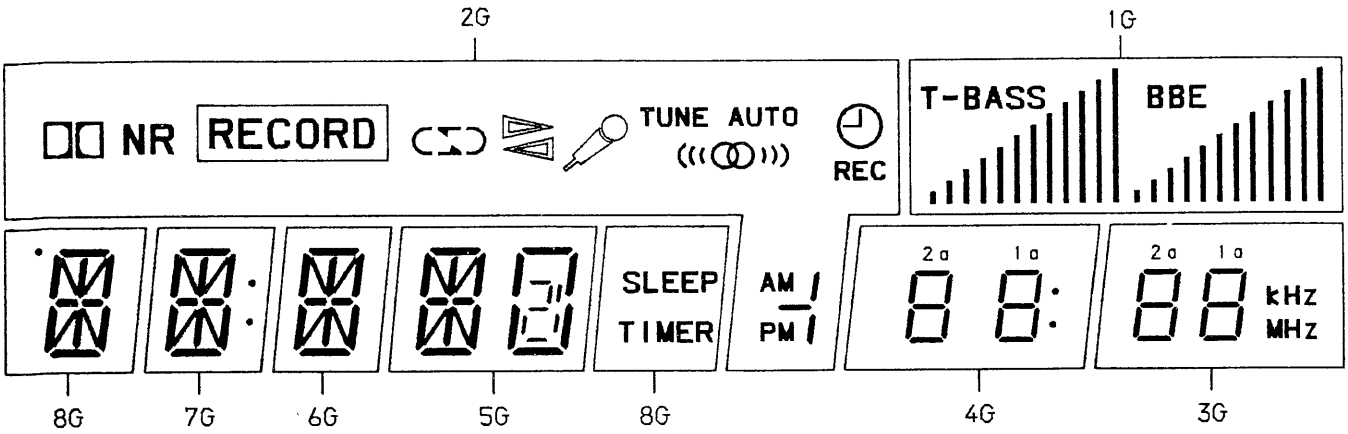
GRAPHIC SYMBOLS PRINTED CIRCUIT BOARD OF ELECT. CAP. ARE DESIGNED AS NEGATIVE POLE.

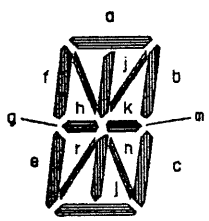
(プリント基板内のケミコンの極性表示はθ表示です。)

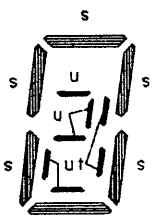

TO A MAIN C.B
CON301
PIN301
PNK
WHT
GRY
H RELAY-1 C.B
WHT
BLU
BLK
RED
PNK
R
L
PH
(DECK-1)
TO A MAIN C.B
CON351
PIN351
WHT
PNK
RED
GRY
G RELAY-2 C.B
YEL
BRN
EH(-) R(-) R(+)
EH(+) L(-) L(+)
RPEH
(DECK-2)
FROM B FRONT C.B
CON501
S4 (LH)
S3 (CST)
PIN106
SOL 2
SOL 1
IC1
SOL 2 (FR)
SOL 1 (PLAY)
S1 (PLAY)
S2 (FR)
E DECK-1 C.B
FROM B FRONT C.B
CON502
S15 (REB)
S13 (LH)
S12 (CST)
S14 (REA)
PIN107
SOL 11
SOL 10
IC10
Q10
R12
R13
SFR10
SOL 11 (FR)
SOL 10 (PLAY)
S10 (PLAY)
S11 (FR)
F DECK-2 C.B
M1 (DRIVE MOTOR)
RED
WHT
BLU
YEL
H
L

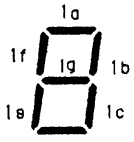
FL101

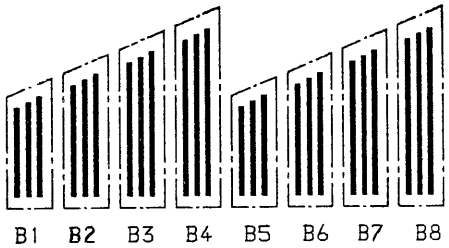
GRID ASSIGNMENT









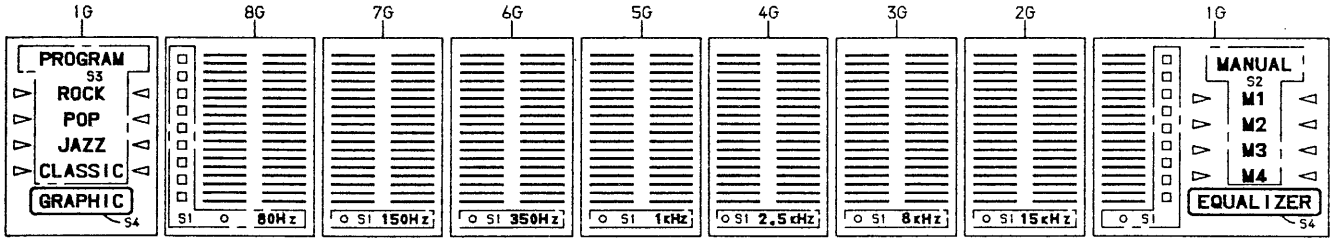


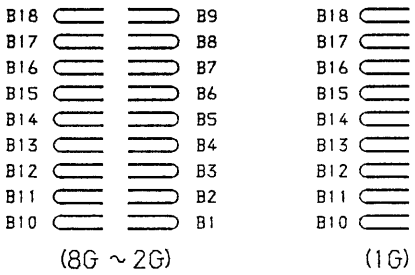
ANODE CONNECTION

	8G	7G	6G	5G	4G	3G	2G	1G
P1	a	a	a	a	2a	2a	RECORD	–
P2	b	b	b	b	2b	2b	NR	–
P3	c	c	c	c	2c	2c	(	–
P4	d	d	d	d	2d	2d	)	–
P5	e	e	e	e	2e	2e	▷	–
P6	f	f	f	f	2f	2f	◁	–
P7	g	g	g	g	2g	2g	🎤	–
P8	h	h	h	h	○ COL UP	kHz	TUNE	–
P9	j	j	j	j	1a	1a	AUTO	B1
P10	k	k	k	k	1b	1b	((( )))	B2
P11	m	m	m	m	1c	1c	🕒	B3
P12	n	n	n	n	1d	1d	REC	B4
P13	r	r	r	r	1e	1e	AM	B5
P14	○	–	–	s	1f	1f	PM	B6
P15	SLEEP	○ COL UP	–	t	1g	1g	/	B7
P16	TIMER	○ COL DOWN	–	u	○ COL DOWN	MHz	–	B8
P17	–	–	–	–	–	–	↩	–
P18	–	–	–	–	–	–	–	T-BASS
P19	–	–	–	–	–	–	–	BBE

FL102

GRID ASSIGNMENT



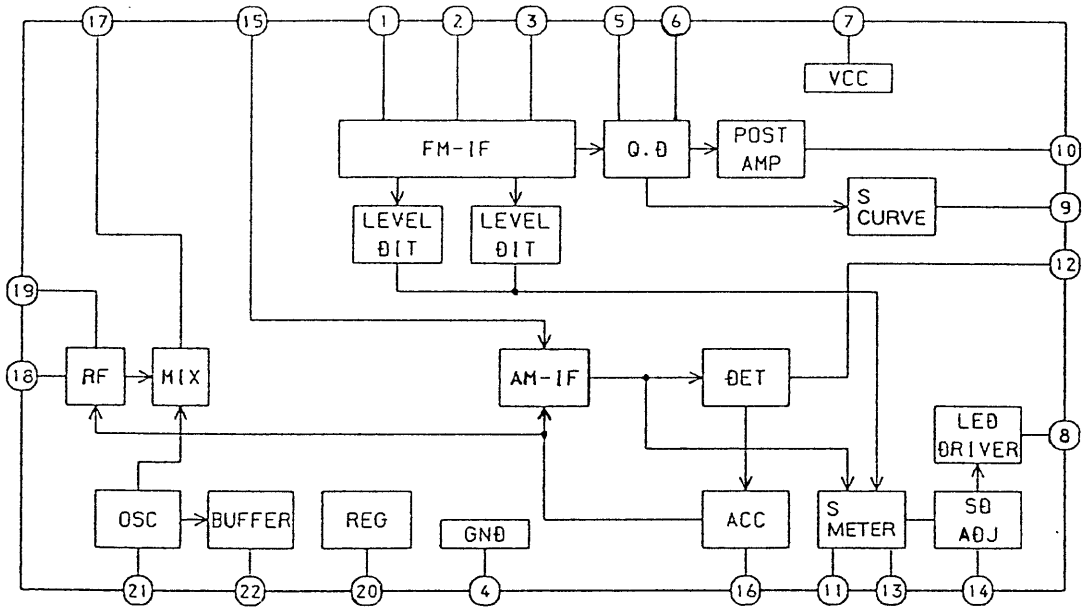


ANODE CONNECTION

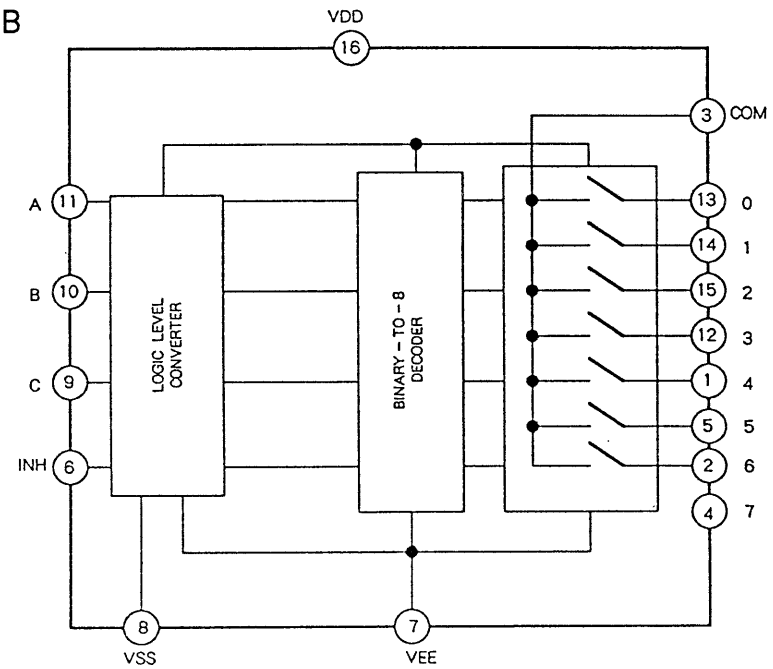
	8G	7G	6G	5G	4G	3G	2G	1G
P1	B1	B1	B1	B1	B1	B1	B1	(CLASSIC)
P2	B2	B2	B2	B2	B2	B2	B2	(JAZZ)
P3	B3	B3	B3	B3	B3	B3	B3	(POP)
P4	B4	B4	B4	B4	B4	B4	B4	(ROCK)
P5	B5	B5	B5	B5	B5	B5	B5	(M4)
P6	B6	B6	B6	B6	B6	B6	B6	(M3)
P7	B7	B7	B7	B7	B7	B7	B7	(M2)
P8	B8	B8	B8	B8	B8	B8	B8	(M1)
P9	B9	B9	B9	B9	B9	B9	B9	–
P10	B10	B10	B10	B10	B10	B10	B10	B10
P11	B11	B11	B11	B11	B11	B11	B11	B11
P12	B12	B12	B12	B12	B12	B12	B12	B12
P13	B13	B13	B13	B13	B13	B13	B13	B13
P14	B14	B14	B14	B14	B14	B14	B14	B14
P15	B15	B15	B15	B15	B15	B15	B15	B15
P16	B16	B16	B16	B16	B16	B16	B16	B16
P17	B17	B17	B17	B17	B17	B17	B17	B17
P18	B18	B18	B18	B18	B18	B18	B18	B18
P19	–	–	–	–	–	–	–	S4
P20	–	–	–	–	–	–	–	S2
P21	–	–	–	–	–	–	–	S3
P22	–	–	–	–	–	–	–	**EQUALIZER**
P23	–	–	–	–	–	–	–	**GRAPHIC**
P24	S1	S1	S1	S1	S1	S1	S1	S1

IC BLOCK DIAGRAM – 2

IC,LA1265(S)



IC,BU4051B

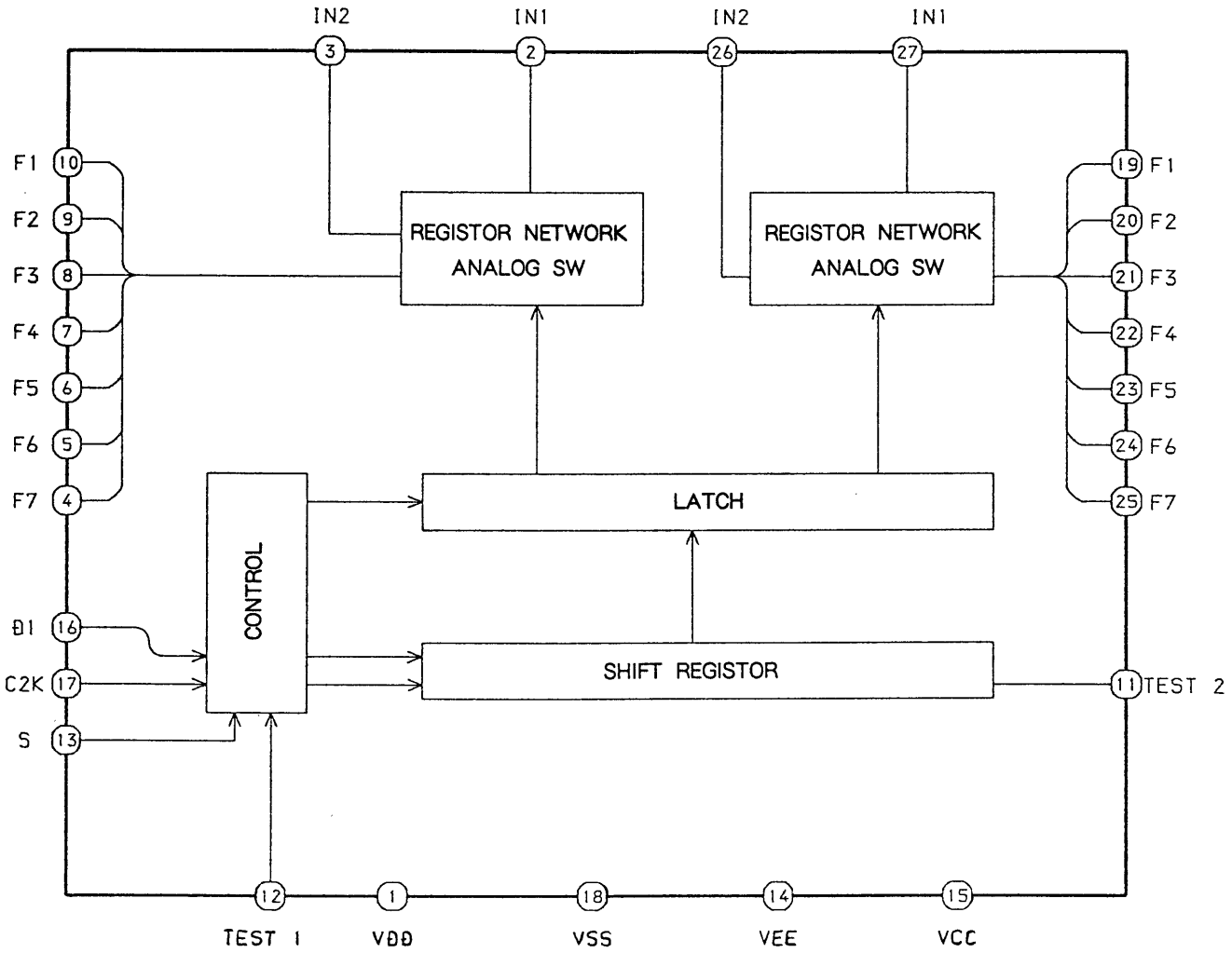


TRUTH TABLE

CONTROL INPUTS				"ON" CHANNEL
INHIBIT	C	B	A	
L	L	L	L	0
L	L	L	H	1
L	L	H	L	2
L	L	H	H	3
L	H	L	L	4
L	H	L	H	5
L	H	H	L	6
L	H	H	H	7
H	※	※	※	NOTE
※ Don't Care				

IC BLOCK DIAGRAM – 3

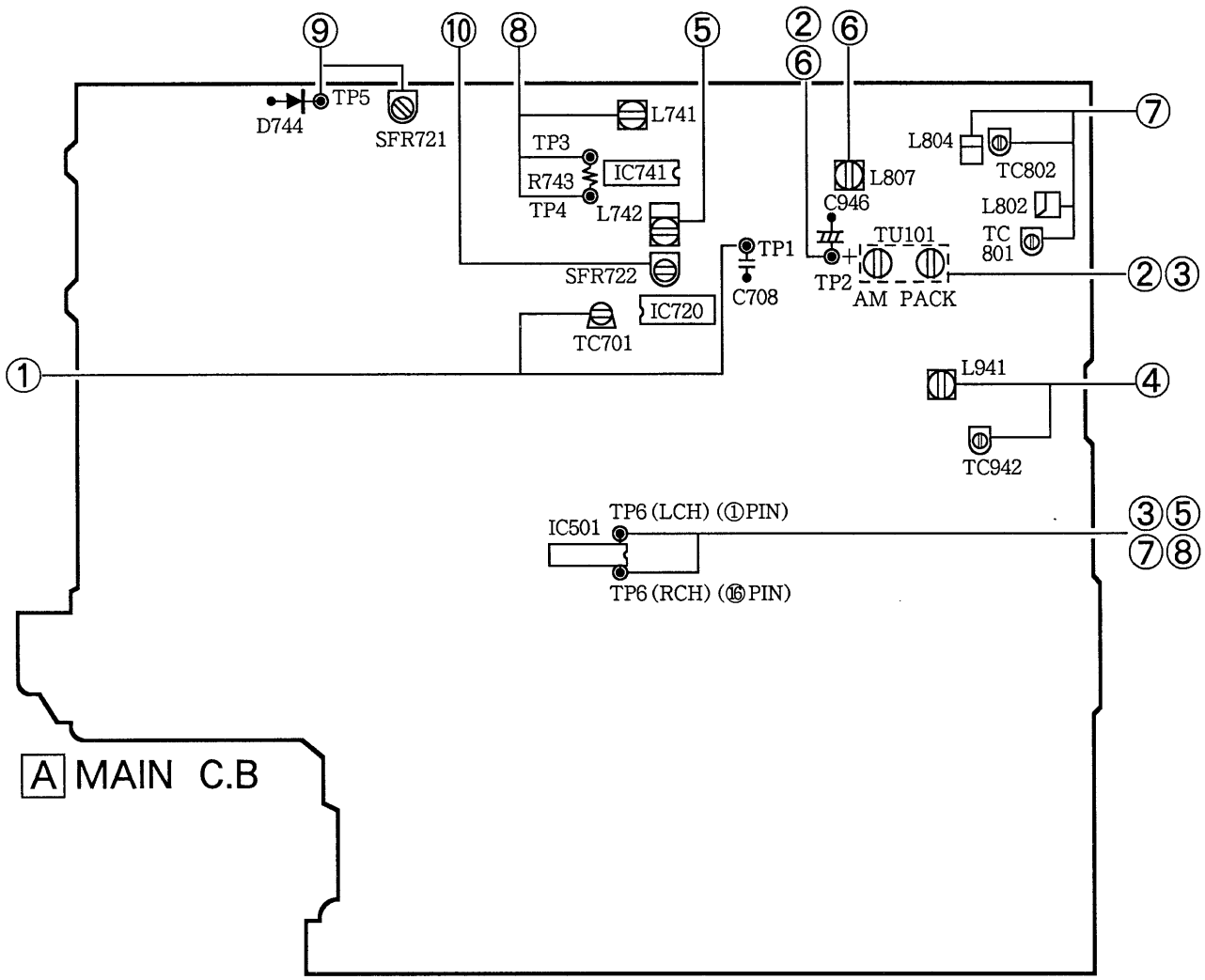
IC,LC7522



See the CX – Z850M/Z880M for the IC description below.		
	CX – Z850M/Z880M	CX – Z1000M
①	IC, LC65204A – 4927	IC, LC65204A – 4927
②	IC, LC67216A – 4965	IC, LC67216A – 4965
③	IC, LM7001	IC, LM7001

ADJUSTMENT – 1

TUNER



Initialized Condition
- GEQ VR : OFF
- BBE SW : OFF
- MIC VR : Minimum
- BALANCE VR : Center
- MAIN VR : Variable
- DOLBY NR SW : OFF
- T-BASS : OFF

(TUNER SECTION)

1. Clock Frequency Adjustment
   Settings : • Test point : TP1 (CLK)
   • Adjustment location : TC701
   Method : Set to AM (MW) 1602kHz (E), 1710kHz (LH) and adjust so that the test point becomes 2052kHz ± 0.01kHz (E), 2160kHz ± 0.01kHz (LH).

2. AM (MW) VT Check
   Settings : • Test point : TP2 (VT)
   • Adjustment location : TU101 (L981)
   Method : Set to AM (MW) 1602kHz (E), 1710kHz (LH) and adjust so that the test point becomes 6.0V ± 1.0V (E), 7.0V ± 1.0V (LH).

3. AM (MW) Tracking Check
   Settings : • Test point : TP6 (IC501, PIN①/PIN⑯)
   Adjustment location : TU101 (L982)
   Method : Set to AM (MW) 999kHz (E), 1000kHz (LH) and adjust to so that point become 53 ± 6dB.

4. LW Tracking Adjustment (E Model only)
   Settings : • Test point : TP6 (IC501, PIN①/PIN⑯)
   L941 ····· 144kHz
   TC942 ····· 290kHz

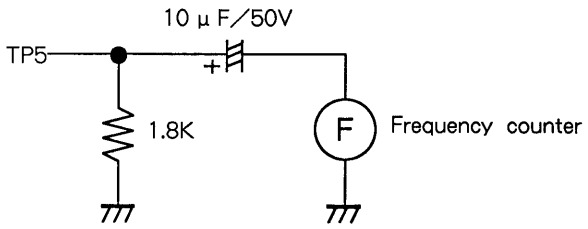
5. AM IF Adjustment
   Settings : • Test point : TP6 (IC501, PIN①/PIN⑯)
   L742 ····· 450kHz

6. FM VT Adjustment
   Settings : • Test point : TP2 (VT)
   • Adjustment location : L807
   Method : Set to FM 87.5MHz and adjust L807 so that the test point becomes 2.9V ± 0.05V.

7. FM Tracking Adjustment
   Settings : • Test point : TP6 (IC501, PIN①/PIN⑯)
   TC801, TC802 ····· 108MHz
   L802, L804 ····· 87.5MHz

8. DC Balance/MONO Distortion Adjustment
   Settings : • Test point : TP3, TP4 (DC balance)
   TP6 (IC501, PIN①/PIN⑯) (Distortion)
   • Adjustment location : L741
   • Input level : 54dB
   Method : Set to FM 98.0MHz and adjust L741 so that TP3 and TP4 output becomes 0V ± 0.02V. Next, adjust L741 so that the distortion becomes minimum (less than 0.9%).

9. MPX VCO Adjustment
   Settings : • Test point : TP5
   • MODE SW : STEREO
   • Adjustment location : SFR721
   • Input level : 54dB
   Method : Connect a capacitor and a resistor as below. Set to FM 98.0MHz and adjust so that the frequency at test point becomes 38kHz ± 0.05kHz.



10. Light on tuning LED Adjustment
    Settings : • Adjustment location : SFR722
    • Input level : 16dB
    Method : Set to FM 98.0MHz and adjust TUNING LED to light on by SFR722. After that, LED goes out by 16 ± 2dB down.

PRACTICAL SERVICE FIGURE

< TUNER SECTION >
< FM SECTION >

IHF Sensitivity :	2 ± 6dB
(THD 3%)	(at 87.5, 98.0, 108.0MHz)
S/N 50dB Quieting Sensitivity :	32 ± 5dB (at 87.5, 98.0, 108.0MHz)
Signal to Noise Ratio :	(MONO.) More than 67dB (at 98.0MHz) (STEREO) More than 64dB (at 98.0MHz)
Distortion :	(MONO.) Less than 0.9% (at 98.0MHz) (STEREO) Less than 1.2% (at 98.0MHz)
Stereo Separation :	More than 25dB (at 98.0MHz)
Intermediate Frequency :	10.7MHz

< AM (MW) SECTION >

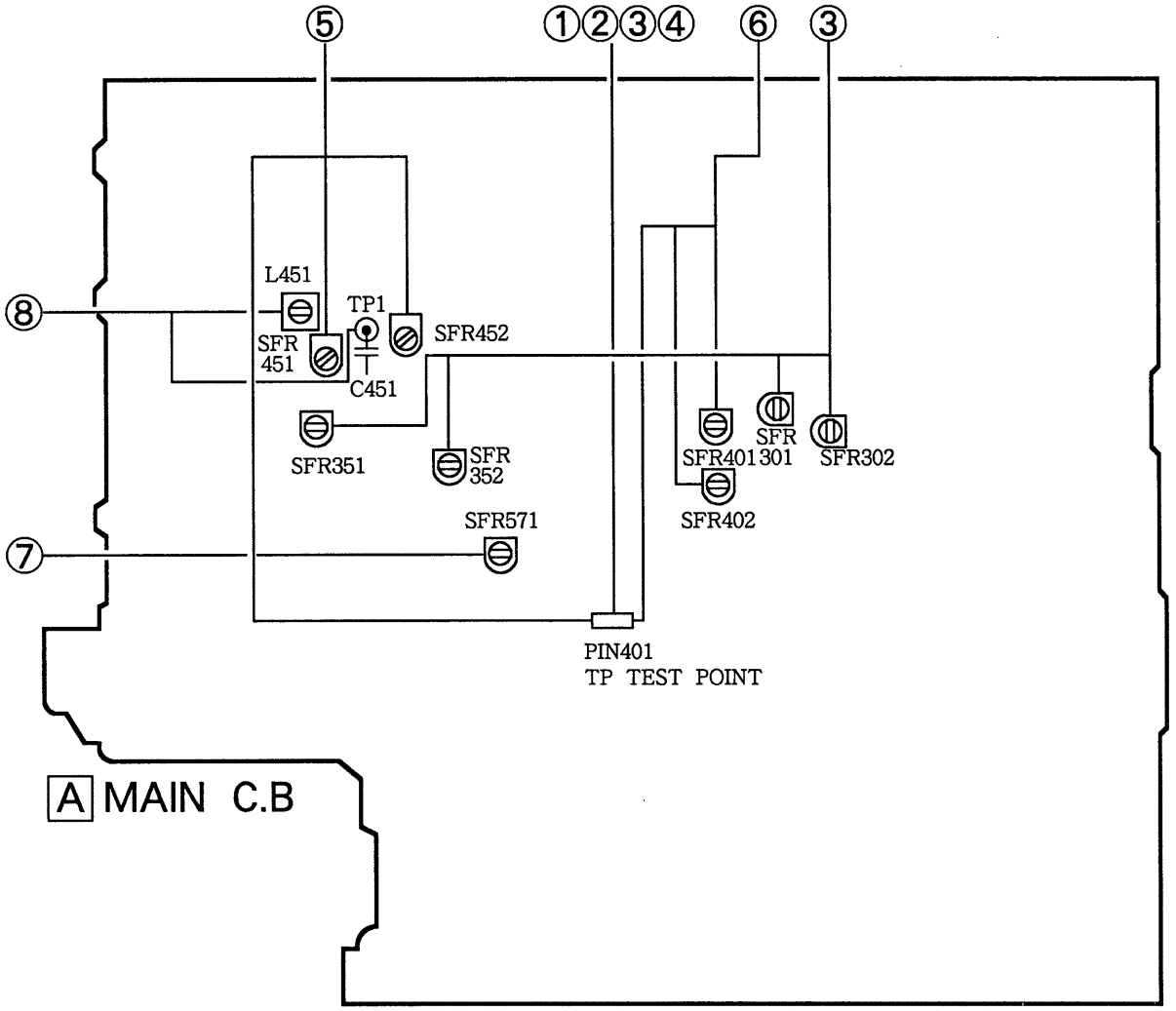
Sensitivity :	$54 \pm {}^{8}_{6}$ dB [at 603kHz (E)] [at 600kHz (LH)] 53 ± 6dB [at 999/1404kHz (E)] [at 1000/1400kHz (LH)]
Distortion :	Less than 1.5% [at 999kHz (E)] [at 1000kHz (LH)]
Intermediate Frequency :	450kHz

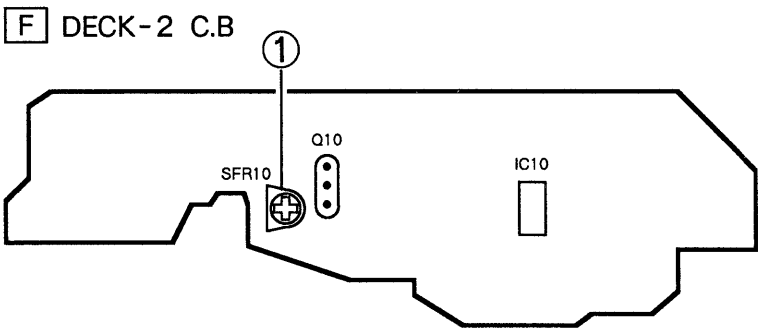
< LW SECTION > (E Model only)

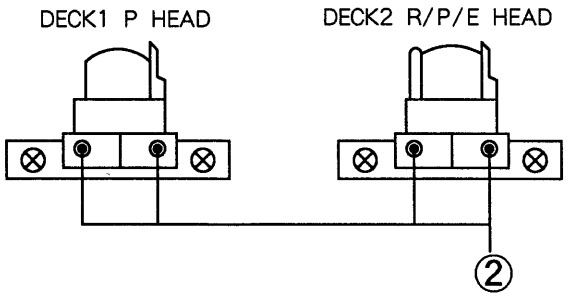
Sensitivity :	66 ± 5dB (at 144kHz) 63 ± 5dB (at 198kHz) 62 ± 5dB (at 290kHz)
Distortion :	Less than 1.5% (at 198kHz)
Intermediate Frequency :	450kHz

ADJUSTMENT – 2

DECK







(DECK SECTION)

1. Normal Speed Adjustment (DECK-2)
   Settings : • Test tape : TTA-100 (TTA-111S)
   • Test point : TP-OUT (PIN401)
   • Adjustment location : SFR10 (DECK-2)
   Method : Play back the test tape, on FWD PLAY (DECK-2) adjust for 2990Hz ± 5Hz.

2. Head Azimuth Adjustment (DECK-1, DECK-2)
   Settings : • Test tape : TTA-300 (TTA-317E, SCC-1429)
   • Test point : TP-OUT (PIN401)
   • Adjustment location : Head azimuth adjustment screw
   Method : Play back the 10kHz signal of the test tape and adjust so that the output becomes maximum. Next, perform on each FWD PLAY and REV PLAY mode.

3. PB Sensitivity Adjustment (DECK-1, DECK-2)
   Settings : • Test tape : TTA-200 (TCC-130, TTA-161)
   • Test point : TP-OUT (PIN401)
   • Adjustment location :
   SFR301 (DECK-1, Lch)
   SFR302 (DECK-1, Rch)
   SFR351 (DECK-2, Lch)
   SFR352 (DECK-2, Rch)
   Method : Play back the test tape and adjust so that the output becomes 300mV.

4. PB Frequency Response Check (DECK-1, DECK-2)
   Settings : • Test tape : TTA-300 (TTA-317E, SCC-1429)
   • Test point : TP-OUT (PIN401)
   Method : Play back the 315Hz and 10kHz signals of the test tape and check the output of the 10kHz signal is 0dB ± 2dB with respect to that of the 315Hz signal.

5. REC/PB Frequency Response Adjustment (DECK-2)
   Settings : • Test tape : TTA-601 (TTA-119K)
   • Test point : TP-OUT (PIN401)
   • Input signal : 1kHz/10kHz (VCR/AUX IN)
   • Adjustment location : SFR451 (Lch)
   SFR452 (Rch)
   Method : Apply a 1kHz signal and adjust attenuator so that the level at the TP-OUT is 21mV. Record and play back the 1kHz and 10kHz signals and adjust so that the output level of 10kHz signal is + 0.5dB ± 0.5dB for 1kHz signal.

6. REC/PB Sensitivity Adjustment (DECK-2)
   Settings : • Test tape : TTA-601 (TTA-119K)
   • Test point : TP-OUT (PIN401)
   • Input signal : 1kHz (VCR/AUX IN)
   • Adjustment location : SFR401 (Lch)
   SFR402 (Rch)
   Method : Apply a 1kHz signal and adjust attenuator so that the level at the TP-OUT is 21mV. Record and play back the 1kHz signal and adjust so that the output level is 21mV ± 0.5dB.

7. Vocal Fader Adjustment
   Settings : • Test point : SP OUT
   • Adjustment location : SFR571
   Method : Add a 2kHz, − 16.5dB signal from AUX. Adjust SFR571 so that the voltage at test point becomes minimum.

8. Bias Frequency Adjustment (DECK-2)
   Settings : • Test tape : TTA-601 (TTA-119K)
   • Test point : TP1
   • Adjustment location : L451
   Method : Set DECK-2 to the record mode and adjust L451 so that the frequency at test point is 85kHz ± 2kHz.

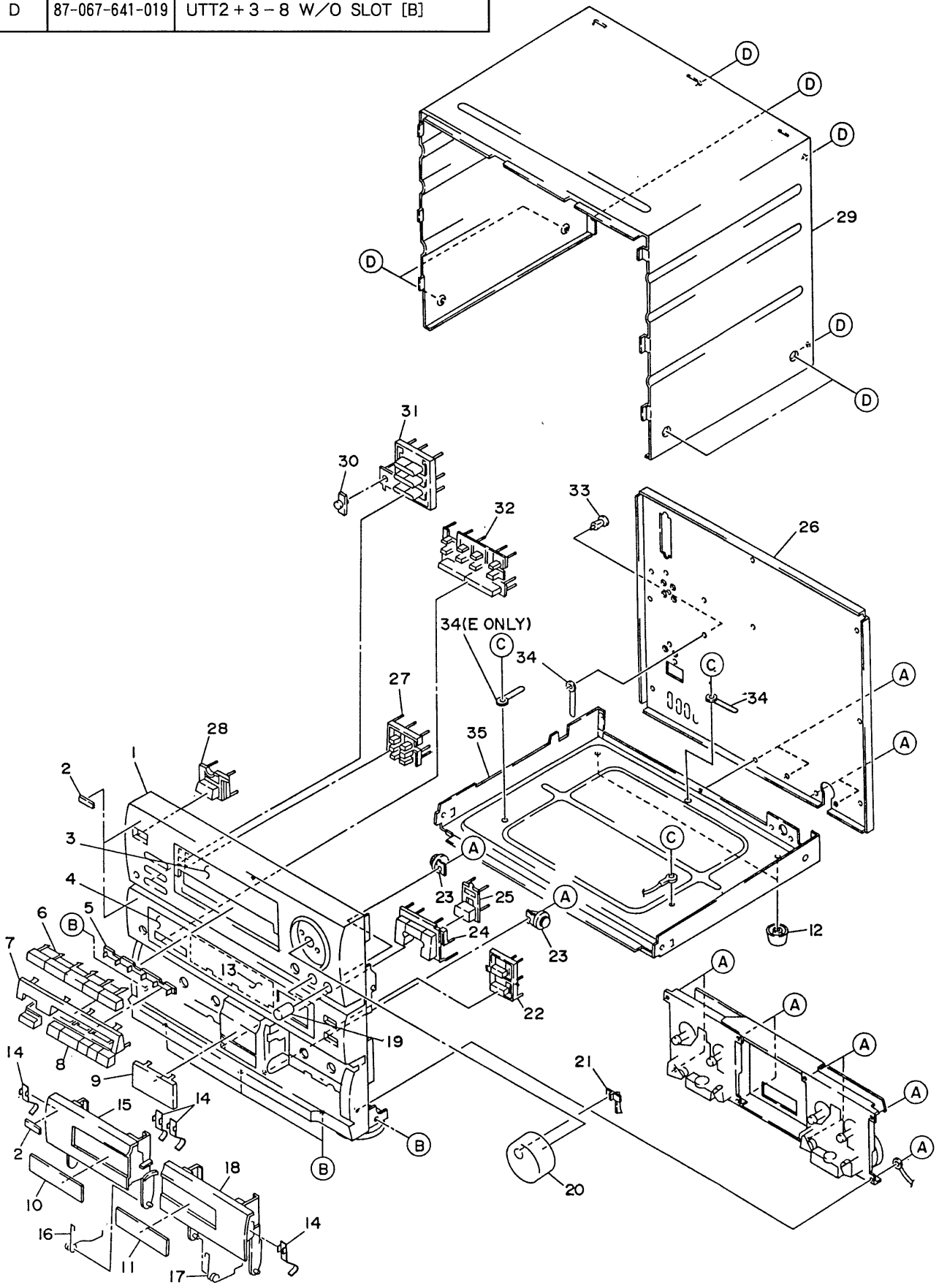
PRACTICAL SERVICE FIGURE

< DECK SECTION >

PB Output Level :	300mV ± 1.5dB (TP OUT) TTA-200 (TTA-161, TCC-130)
REC/PB Output Level :	210mV ± 2.5dB (TP OUT) TTA-601 (TTA-119K)
Distortion (REC/PB) :	Less than 2.0% (NORMAL, CrO_2)
Noise (PB) :	Less than 4mV
(LINEAR)	(DOLBY NR OFF, NORMAL, VR MAX.)
	Less than 2mV (DOLBY NR ON CrO_2, VR MAX.)
Noise (REC/PB) :	Less than 4mV
(WTD)	(DOLBY NR OFF, NORMAL)
	Less than 2mV (DOLBY NR ON, CrO_2)
Erasing Ratio :	More than 60dB (TTA-601) (at 125Hz)
Channel Separation :	More than 50dB
Recording Bias Frequency :	85kHz
Wow & Flutter (W.RMS) :	Less than 0.25% (DECK-1/2) TTA-100 (TTA-111S)
Tape Speed :	3kHz ± 1.5%
Take-up Torque :	25~60g-cm (DECK-1/2)
F.F & REW Torque :	70~150g-cm (DECK-1/2)
Back Tension :	2~6g-cm (DECK-1/2)
Test Tape :	NORMAL : TTA-601 (TTA-119K) CrO_2 : TTA-610 (TTA-119H)

EXPLODED VIEW – 1

REF. NO.	PART NO.	DESCRIPTION
A	87-067-703-019	BVT2 + 3 – 10 W/O SLOT
B	87-591-094-419	QIT + 3 – 6
C	87-067-584-019	BVT2 + 3 – 6 W/O SLOT
D	87-067-641-019	UTT2 + 3 – 8 W/O SLOT [B]

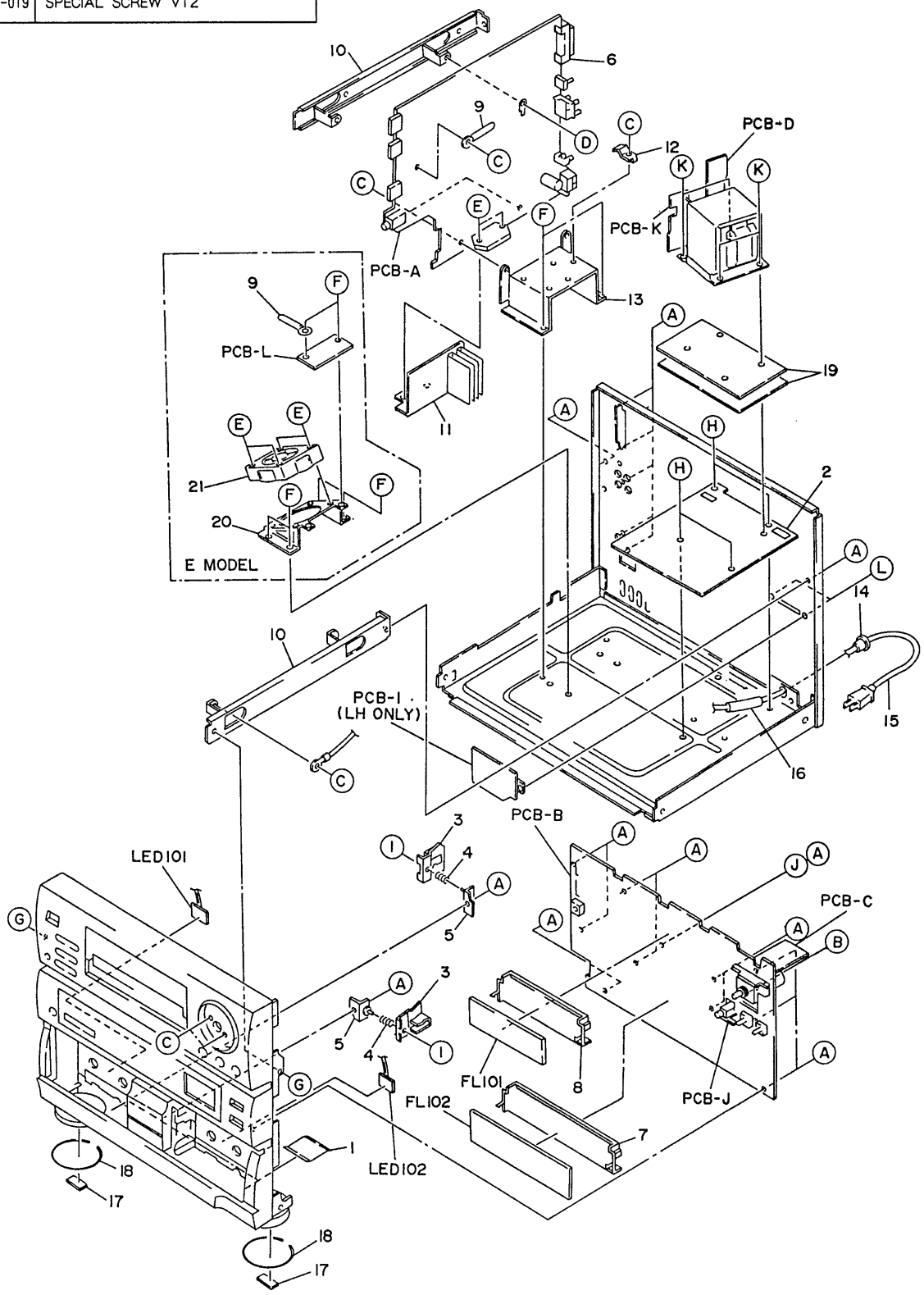


MECHANICAL PARTS LIST

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q'TY
	1-1	★82-MK0-001-019	CABINET, FRONT (LH)	※	1
	1-1	★82-MK0-002-019	CABINET, FRONT (E)	※	1
	1-2	★81-DS1-011-019	BADGE, AIWA		3
	1-3	★82-MA2-008-119	WINDOW, AMP		1
	1-4	★82-MA2-009-119	WINDOW, GE		1
	1-5	★82-MA2-025-019	INDICATION, PLAY		1
	1-6	★82-MA2-014-010	KEY, FUN		1
	1-7	★82-MA2-007-019	PANEL, AMP		1
	1-8	★82-MK3-011-019	KEY, PLAY		1
	1-9	★82-MA2-010-019	WINDOW, DECK		1
	1-10	★82-MA2-011-019	WINDOW, BOX 1		1
	1-11	★82-MA2-038-019	WINDOW, BOX 2		1
	1-12	★87-085-224-010	FOOT, H17		2
	1-13	★82-MA2-210-019	SHEET, GE 2		1
	1-14	★81-MX4-223-019	P – SPRING, CASSETTE		4
	1-15	★82-MA2-003-019	BOX, CASSETTE 1		1
	1-16	★81-MK1-202-019	T – SPRING, EJECT 1		1
	1-17	★81-MK1-203-019	T – SPRING, EJECT 2		1
	1-18	★82-MA2-004-019	BOX, CASSETTE 2		1
	1-19	★82-MA2-024-019	KNOB, MIC		2
	1-20	★82-MA2-023-019	KNOB, VOLUME		1
	1-21	★82-MA2-026-019	INDICATION, VOLUME		1
	1-22	★82-MA2-021-019	KEY, BBE		1
	1-23	★87-063-143-010	DAMPER, OIL 75		2
	1-24	★82-MA2-019-019	KEY, UP		1
	1-25	★82-MA2-020-019	KEY, DOWN		1
	1-26	★82-MK0-003-019	PANEL, REAR (LH)	※	1
	1-26	★82-MK0-004-019	PANEL, REAR (E)	※	1
	1-27	★82-MA2-013-019	KEY, TU		1
	1-28	★82-MA2-016-019	KEY, POWER		1
	1-29	★82-MK3-003-019	CABINET, STEEL (LH)		1
	1-29	★82-MK0-006-019	CABINET, STEEL (E)	※	1
	1-30	★82-MA2-037-019	LENS, SENSOR		1
	1-31	★82-MA2-017-019	KEY, DOLBY		1
	1-32	★82-MA2-018-019	KEY, GE		1
	1-33	★87-084-077-019	RIVET, NYLON DIA 3.5 – 4.5		1
	1-34	---	BINDER, WIRE		2(LH) 3(E)
	1-35	★89-MK1-201-619	CHASSIS, MAIN 2		1

EXPLODED VIEW – 2

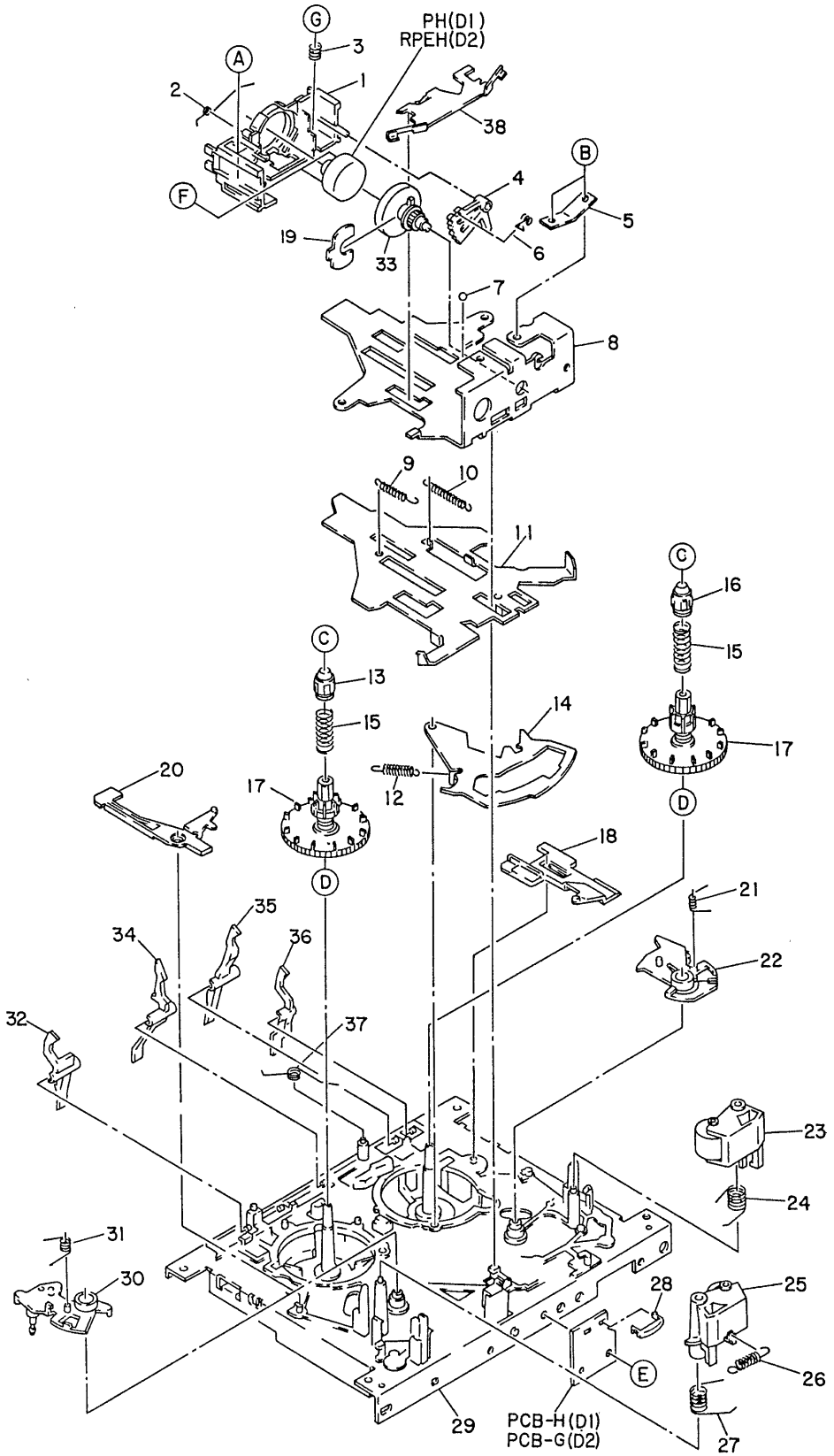
REF. NO.	PART NO.	DESCRIPTION
A	87-067-703-019	BVT2 + 3 – 10 W/O SLOT
B	81-MK1-210-019	S – SCREW BFT2 + 3 – 16
C	87-067-579-019	BVT2 + 3 – 8 W/O SLOT
D	87-067-633-019	BVT2 + 3 – 8 W/CONVEX
E	87-067-698-019	BVT2 + 3 – 18 W/O SLOT
F	87-067-584-019	BVT2 + 3 – 6 W/O SLOT
G	87-591-094-419	QIT + 3 – 6
H	87-067-585-019	BVTT + 4 – 6
I	87-081-808-019	PW1.7 – 3.5 – 0.25
J	87-067-058-019	FW 3.2 – 8 – 0.5
K	87-067-975-010	S – SCREW IT + 4 – 8
L	81-653-215-019	SPECIAL SCREW VT2



PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q'TY
	2-1	★82-MA2-214-019	SHIELD, SHEET		2
	2-2	★89-MK0-204-019	PLATE, PT	※	1
	2-3	★81-715-214-210	PLATE, LOCK		2
	2-4	★81-715-234-019	C – SPRING, LOCK PLATE		2
	2-5	---	HOLDER LOCK ASSY		2
	2-6	★81-653-638-119	EARTH, ANTENNA TERMINAL (LH)		1
	2-6	★81-653-648-019	EARTH, ANTENNA TERMINAL PAL (E)		1
	2-7	★82-MA2-203-019	GUIDE, FL2		1
	2-8	★81-DS2-204-119	GUIDE, FL		1
	2-9	---	BINDER, WIRE		1 (LH) 2 (E)
	2-10	---	HOLDER, P.C.B		2
	2-11	★82-MK0-203-219	HEAT SINK SUB ASSY	※	1
	2-12	---	HOLDER, IC		1
	2-13	---	HEAT SINK		1
	2-14	★87-085-184-010	BUSHING, AC CORD (LH)		1
	2-14	★87-085-185-010	BUSHING, AC CORD (E)		1
	2-15	★87-034-749-019	CORD, AC (LH)		1
	2-15	★82-187-797-019	CORD, AC (E)		1
	2-16	★87-830-818-019	TUBE, UL DIA 8 – 180 (LH)		1
	2-17	★81-VW1-201-019	FELT 20 – 15 – 2		2
	2-18	★81-VW1-015-019	RING, FOOT		2
	2-19	★82-MK0-614-019	SHIELD, CORE PT	※	2
	2-20	★82-MK0-207-019	HOLDER, FAN (E)	※	1
	2-21	★80-VP2-661-010	FAN, SEPA (E)		1

EXPLODED VIEW – 3

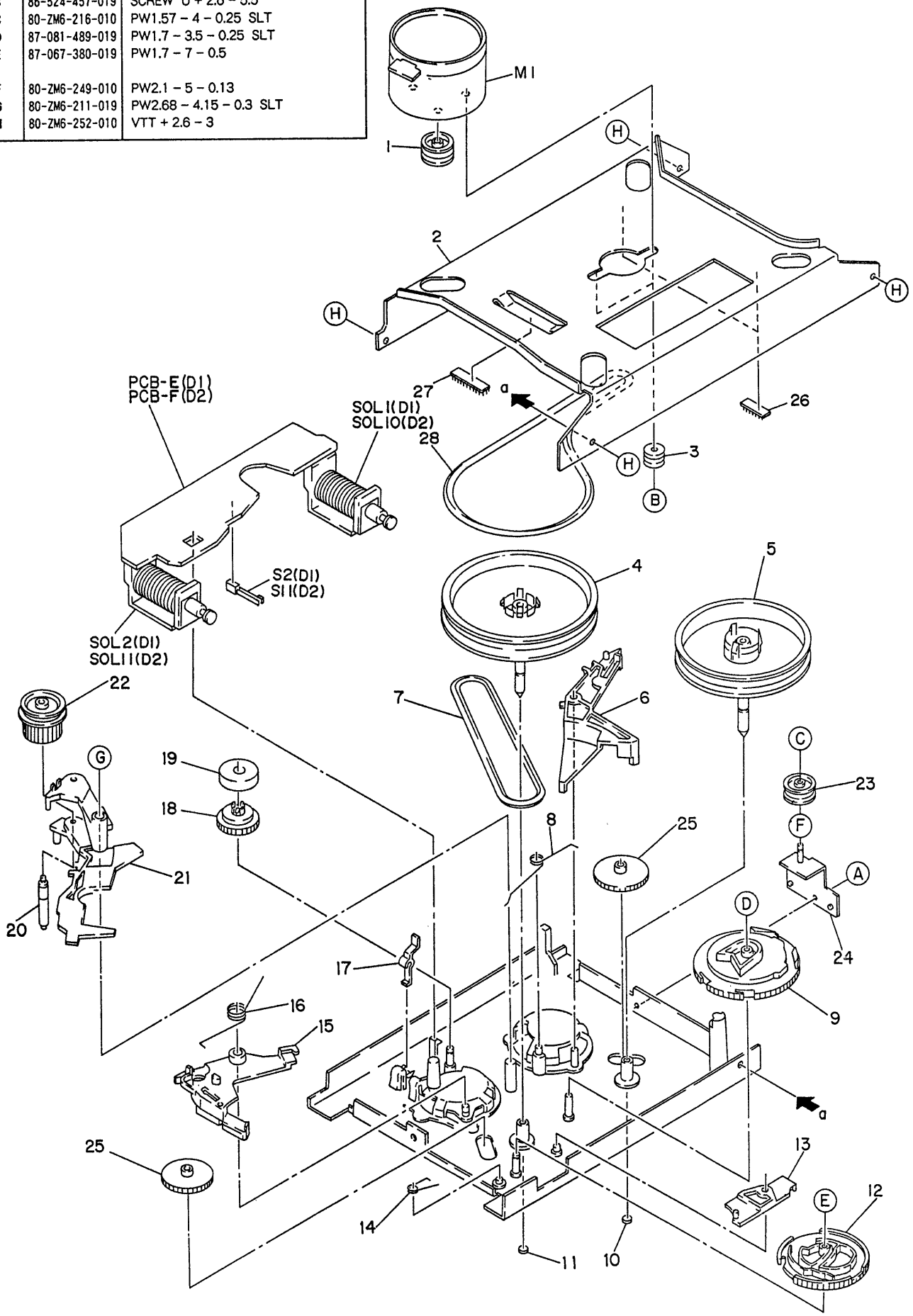
REF. NO.	PART NO.	DESCRIPTION
A	87-263-033-119	V + 2 – 4
B	80-ZM6-251-019	S – SCREW AZIMUTH 2
C	86-524-418-019	SCREW VFT2 + 1.4 – 5
D	87-067-825-010	PW4.1 – 6.9 – 0.25
E	87-067-174-019	SCREW VTT + 2 – 4
F	80-ZM6-207-019	V + 1.6 – 7
G	86-575-363-210	S – SCREW V + 2 – 8



PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q'TY
	3-1	★86-575-288-510	GUIDE, TAPE		1
	3-2	★86-575-310-219	T – SPRING, HEAD		1
	3-3	★86-541-318-119	C – SPRING, AZIMUTH		1
	3-4	★86-575-290-310	GEAR, SEGMENT		1
	3-5	★86-575-343-110	P – SPRING, AZIMUTH 2		1
	3-6	★80-ZM6-229-110	T – SPRING, GEAR SEG 2		1
	3-7	★87-073-018-019	BALL, STEEL 1.588		1
	3-8	★86-575-311-410	CHASSIS, HEAD		1
	3-9	★80-ZM6-268-019	E – SPRING, SLIDE 3		1
	3-10	★86-575-226-019	E – SPRING, CHASSIS HEAD		1
	3-11	★86-535-215-410	SLIDE PLATE ASSY		1
	3-12	★86-535-284-119	E – SPRING, LEVER DIRECTION		1
	3-13	★86-524-218-219	STOPPER, REEL TABLE S		1
	3-14	★86-535-218-310	DIRECTION LEVER ASSY		1
	3-15	★86-535-293-019	C – SPRING, REEL TABLE		2
	3-16	★86-524-223-219	STOPPER, REEL TABLE T		1
	3-17	★80-ZM6-254-110	REEL GEAR ASSY L		2
	3-18	★86-575-345-210	LEVER, SWITCH 2		1
	3-19	★86-575-305-010	PLATE, HOUSING		1
	3-20	★86-535-242-210	LEVER, EJECT L		1
	3-21	★86-535-282-019	T – SPRING, PLAY GEAR F		1
	3-22	★86-535-238-310	LEVER, PLAY F		1
	3-23	86-535-226-310	PINCH LEVER ASSY F		1
	3-24	★86-575-222-110	T – SPRING, PINCH F		1
	3-25	86-535-228-510	PINCH LEVER ASSY R		1
	3-26	★86-575-339-019	E – SPRING, PINCH 22		1
	3-27	★86-575-341-110	T – SPRING, PINCH L		1
	3-28	★86-575-342-010	HOLDER, WIRE 2		1
	3-29	★80-ZM6-201-810	MECHANISM CHASSIS ASSY		1
	3-30	★86-535-239-110	LEVER, PLAY R		1
	3-31	★86-535-283-019	T – SPRING, PLAY GEAR R		1
	3-32	★86-575-322-110	LEVER, REC A (D2)		1
	3-33	★86-575-389-110	HOLDER, HOUSING		1
	3-34	★86-575-324-310	LEVER, CASSETTE		1
	3-35	★86-575-327-210	LEVER, CROM		1
	3-36	★86-575-323-010	LEVER, REC B (D2)		1
	3-37	★80-ZM6-206-019	T – SPRING, CASSETTE		1
	3-38	★86-575-347-110	P – SPRING, HEAD 2		1

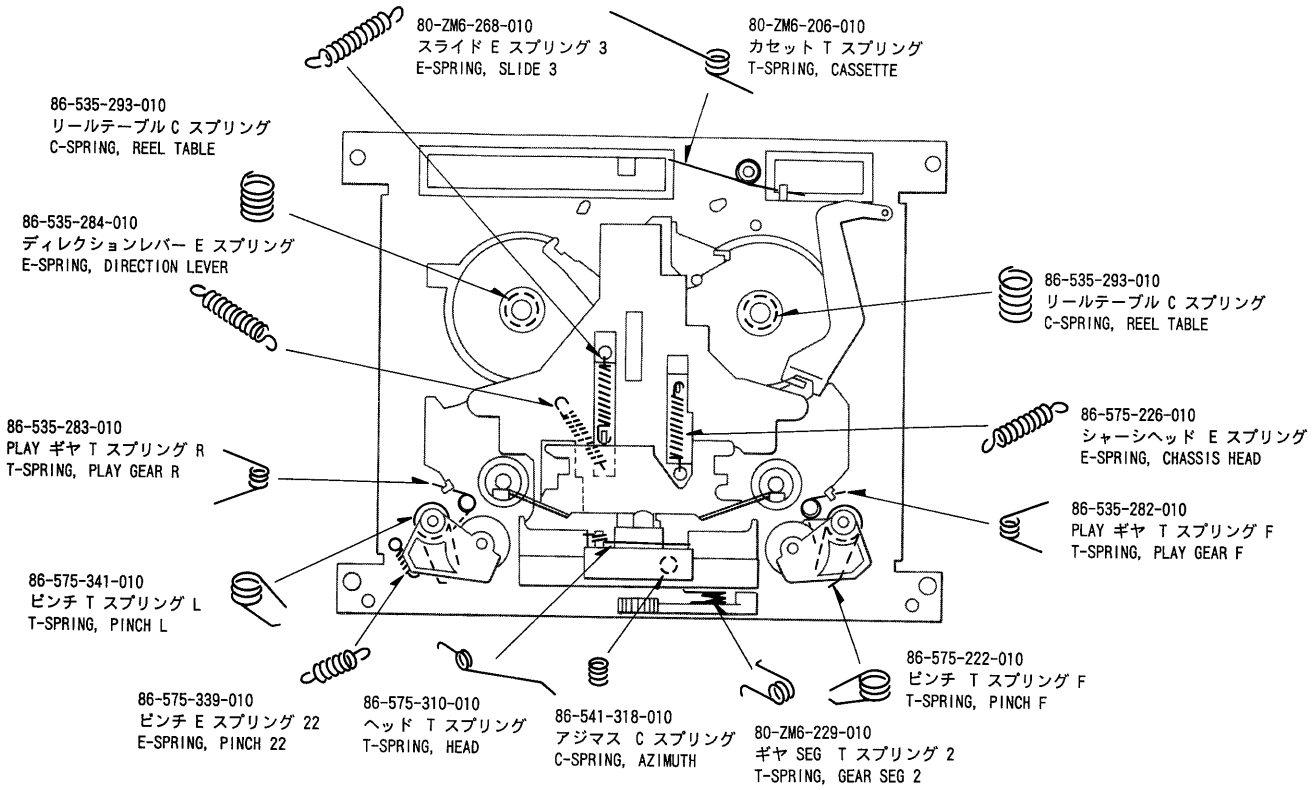
EXPLODED VIEW – 4

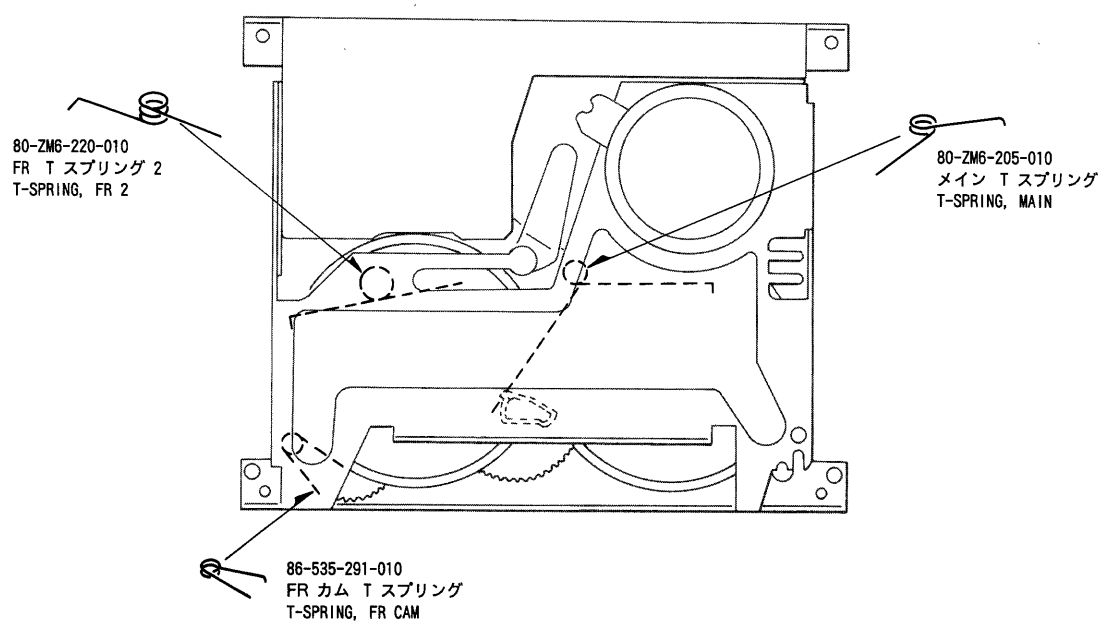
REF. NO.	PART NO.	DESCRIPTION
A	87-067-178-010	VTT + 2.6 – 3
B	86-524-457-019	SCREW U + 2.6 – 5.5
C	80-ZM6-216-010	PW1.57 – 4 – 0.25 SLT
D	87-081-489-019	PW1.7 – 3.5 – 0.25 SLT
E	87-067-380-019	PW1.7 – 7 – 0.5
F	80-ZM6-249-010	PW2.1 – 5 – 0.13
G	80-ZM6-211-019	PW2.68 – 4.15 – 0.3 SLT
H	80-ZM6-252-010	VTT + 2.6 – 3



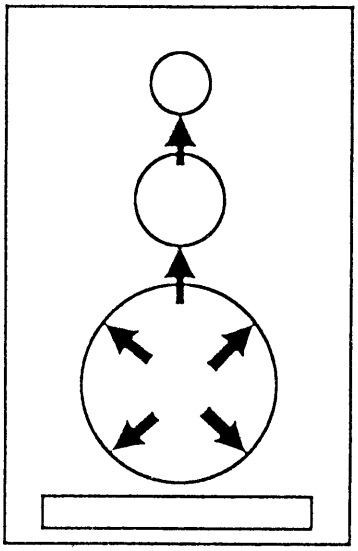
PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q'TY
	4-1	★81-ZM7-204-010	PULLEY, MOTOR 4		1
	4-2	★81-ZM3-201-110	HOLDER, MOTOR	※	1
	4-3	★86-513-441-210	COLLAR, MOTOR		2
	4-4	★80-ZM6-203-310	FLYWHEEL ASSY R1		1
	4-5	★80-ZM6-208-310	FLYWHEEL ASSY L1		1
	4-6	★86-535-231-510	LEVER, TRIGGER PLAY		1
	4-7	80-ZM6-227-110	BELT, SQ1.2 – 140		1
	4-8	★80-ZM6-205-110	T – SPRING, MAIN		1
	4-9	★86-575-312-110	CAM, MAIN		1
	4-10	★80-ZM6-243-019	SHEET,1.75 – 3.6 – 0.5 SLT		1
	4-11	★80-ZM6-242-019	SHEET, 1.95 – 3.6 – 0.5		1
	4-12	★80-ZM6-219-210	CAM, FR MK2 2M		1
	4-13	★86-575-229-210	LEVER, PAUSE B		1
	4-14	★86-535-291-210	T – SPRING, FR CAM		1
	4-15	★86-535-230-510	LEVER, TRIGGER FR		1
	4-16	★80-ZM6-220-019	T – SPRING, FR 2		1
	4-17	★86-575-326-210	LEVER, RINK		1
	4-18	★86-575-328-110	GEAR, IDLER		1
	4-19	★80-ZM6-217-010	MAGNET, RING 2		1
	4-20	★80-ZM6-222-110	SHAFT, PULLEY FR		1
	4-21	★80-ZM6-218-110	LEVER, FR2		1
	4-22	★80-ZM6-221-010	GEAR, FR2		1
	4-23	★80-ZM6-224-410	PULLEY, COUPLER (D1)		1
	4-24	★80-ZM6-213-110	HOLDER, ASSY P (D1)		1
	4-25	★86-575-221-510	GEAR, PLAY		2
	4-26	★80-ZM6-230-010	SHEET, BELT		2
	4-27	★81-ZM3-204-010	SHEET, BELT 2	※	1
	4-28	81-ZM3-202-010	BELT, SQ1.3 – 333 (D1)	※	1
	4-28	81-ZM3-203-010	BELT, SQ1.3 – 332 (D2)	※	1

SPRING APPLICATION POSITION





DISASSEMBLY INSTRUCTION (SX – Z1000)



• Insert a flat-bladed screwdriver into the positions indicated by the arrows (shown in the above figure) and remove the grill assemblies of the woofer, mid-range speaker and tweeter. Remove the screws of each speaker unit and then remove the speaker units.

■ SPEAKER LIST (SX – Z1000)

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q,TY
	1	- - -	CABINET,R		1
	2	- - -	CABINET,L		1
	3	★80-VS5-011-010	PANEL,W		2
	4	★80-VS5-012-010	PANEL,M ASSY		2
	5	★80-VS5-016-010	PANEL,T ASSY		2
	6	★81-VS1-024-010	GRILL FRAME ASSY		2
	7	89-MS7-609-010	SPEAKER,WOOFER		2
	8	89-VS5-609-010	SPEAKER,TWEETER		2
	9	★81-695-612-010	RESISTOR 3.3 Ω 5W		2
	10	★83-096-614-010	CORD,SPEAKER		2