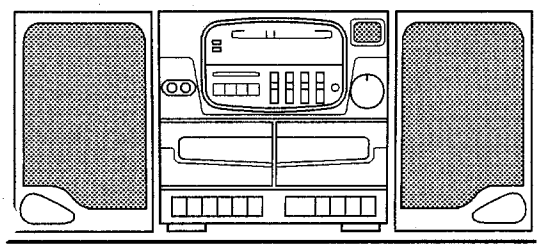
aiwa

aiwa SERVICE

CA-W52
CA-W53



CARRY COMPONENT SYSTEM

• BASIC TAPE MECHANISM: TN-21ZSW-1288

• TYPE: EZ.EEZ.LH.SH,HR(W53)
LH (W52)

SERVICE MANUAL

S/M Code No. 09-963-125-00T

SPECIFICATIONS

Tuner section

Frequency range, antenna

<HR model>	MW: 530–1,605 kHz, Ferrite bar antenna
	SW: 3.9–12.1 MHz, FM antenna
	FM: 87.5–108.0 MHz, FM antenna
<SH model>	MW: 530–1,605 kHz, Ferrite bar antenna
	SW1: 2.3–7.0 MHz, Ferrite bar antenna
	SW2: 7.0–22.0 MHz, FM antenna
	FM: 87.5–108.0 MHz, FM antenna
<LH model>	MW: 530–1,710 kHz, Ferrite bar antenna
	SW: 3.9–12.1 MHz, FM antenna
	FM: 87.5–108.0 MHz, FM antenna
<EZ, EEZ models>	LW: 150–285 kHz, Ferrite bar antenna
	MW: 530–1,605 kHz, Ferrite bar antenna
	FM: 87.5–108.0 MHz, FM antenna
<CA-W52>	AM: 530–1,710 kHz, Ferrite bar antenna
	FM: 87.5–108.0 MHz, FM antenna

Amplifier section

Power output

<EXCEPT EZ, EEZ>	2 W+2 W (4 ohms, EIAJ)
<EZ, EEZ models>	2.9 W + 2.9 W (DIN MUSIC POWER)
	2 W + 2 W (10% T.H.D./4Ω)
	1.3 W + 1.3 W (DIN 1% Rated Power)
Power requirements	DC 9 V using six R20 (size D) batteries
	AC 110–120V/220–240V selectable, 50/60 Hz
Power consumption	14 W

Cassette deck section

Track format	4 tracks, 2 channels
Frequency response	Normal tape: 50–12,000 Hz (EIAJ)
Recording system	AC bias
Erasure system	Magnet erase
Motor	DC motor × 1
Heads	Deck 1:
	Recording/playback head (1)
	Erasure head (1)
	Deck 2:
	Playback head (1)

Common section

Dimensions (W × H × D)	
	270 × 222 × 206 mm (10 3/4 × 8 3/4 × 8 1/8 in.)
Weight	2.7 kg (5.9 lbs) (not including batteries)

Speaker

Cabinet type	2-way bass reflex type
Speaker	115 mm (4.5 in.) cone type woofer
	27 mm (1 1/8 in.) ceramic type tweeter
Impedance	4 ohms
Allowable max. input	3 W
Dimensions (W × H × D)	
	158 × 220 × 175 mm × 2 (6 1/4 × 8 3/4 × 7 in.)
Weight	1.0 kg (2.2 lbs) × 2

- Design and specifications are subject to change without notice.

■ 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.	カンリ NO.	DESCRIPTION
1	S5-538-910-100		INSTRUC BOOK(CAW53SHJ/HRJ) <3SHJ,3HRJ>
1	S5-538-910-210		INSTRUC,BOOK(CAW52LH)<2LH>
1	S5-538-910-200		INSTRUC,BOOK(CAW53LH)<3LH>
1	S5-538-910-300		INSTRUC,BOOK(W53EZ/K)<3EEZ,3EZ>
⚠ 2	S2-201-100-000		POWER CORD(E)<EXCEPT 2LH>
⚠ 2	S1-171-100-000		POWER CORD(H)<2LH>
⚠ 3	S0-220-117-000		CONVERTOR 220V-117V <3SHJ,3LH,3HRJ>

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".

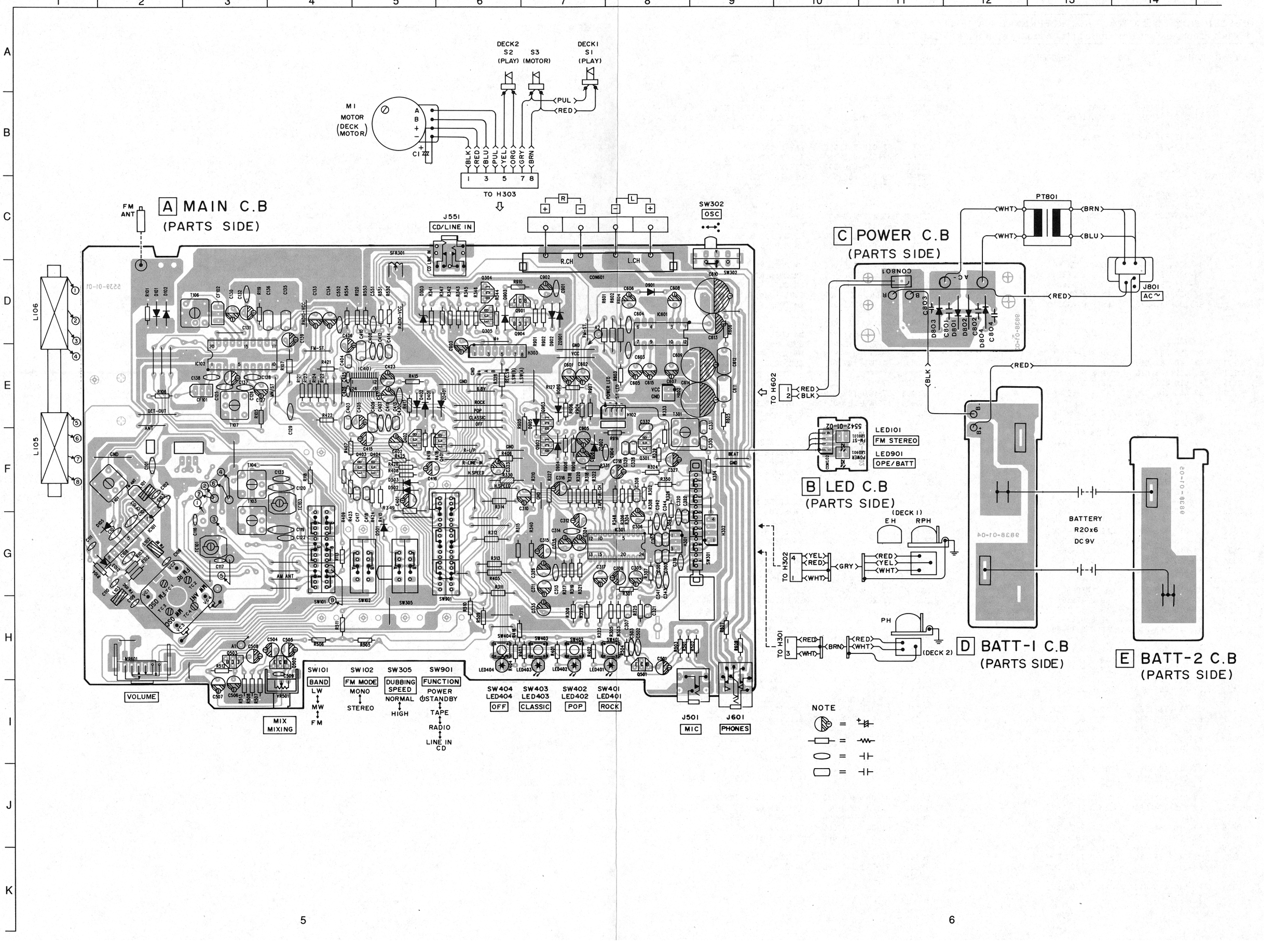
REF. NO	PART NO.	カンリ NO.	DESCRIPTION
IC			
	S4-014-420-000		IC,BA1442A (R-OHM)
	87-070-104-019		IC,LA1186N
	87-A20-091-010		IC,M62415FP
	S8-381-890-000		IC,TA8189N
	S8-382-270-000		IC,TA8227P
TRANSISTOR			
	89-304-583-010		TR,2SC458C
	S7-805-000-020		TR,PE8050B,C,D
	S7-855-000-020		TR,PE8550B,C
DIODE			
	S0-200-050-000		DIODE,1.5A 50V
	S0-026-380-000		DIODE,1S2638
	82-135-799-010		DIODE,IN4148
	87-027-625-010		ZENER,6.8V-1/2W
	S0-100-911-210		ZENER,MTZJ9.1C
MAIN C.B			
C127	87-010-401-010		CAP,E 1-50V
C130	87-010-037-010		CAP,E 10-50V
C131	87-010-545-010		CAP,E 0.22-50V
C133	87-010-401-010		CAP,E 1-50V
C134	87-010-401-010		CAP,E 1-50V
C137	87-010-264-080		CAP,E 100-10V
C139	87-010-037-010		CAP,E 10-50V
C305	87-010-380-010		CAP,E 47-16V
C306	87-010-380-010		CAP,E 47-16V
C309	87-010-401-010		CAP,E 1-50V
C310	87-010-401-010		CAP,E 1-50V
C311	87-015-995-810		CAP,E 4.7-50V
C312	87-015-995-810		CAP,E 4.7-50V
C315	87-010-380-010		CAP,E 47-16V
C316	87-010-380-010		CAP,E 47-16V
C317	87-015-995-810		CAP,E 4.7-50V
C318	87-015-995-810		CAP,E 4.7-50V
C323	87-010-265-010		CAP,E 33-16V
C324	87-010-035-080		CAP,E 2.2-50V
C325	87-010-908-080		ELECT CAP 220-10V
C326	87-010-037-010		CAP,E 10-50V
C327	87-010-380-010		CAP,E 47-16V
C333	87-010-265-010		CAP,E 33-16V
C401	87-015-963-010		CAP,E 0.33-50V
C402	87-015-963-010		CAP,E 0.33-50V
C405	87-010-400-010		CAP,E 0.47-50V
C406	87-010-400-010		CAP,E 0.47-50V
C415	87-015-963-010		CAP,E 0.33-50V
C416	87-015-963-010		CAP,E 0.33-50V
C423	87-010-264-080		CAP,E 100-10V
C431	87-010-264-080		CAP,E 100-10V
C501	87-010-545-010		CAP,E 0.22-50V
C504	87-010-037-010		CAP,E 10-50V
C505	87-010-400-010		CAP,E 0.47-50V
C506	87-010-264-080		CAP,E 100-10V
C507	87-010-400-010		CAP,E 0.47-50V
C508	87-010-401-010		CAP,E 1-50V
C601	87-010-401-010		CAP,E 1-50V
C602	87-010-401-010		CAP,E 1-50V
C605	87-010-264-080		CAP,E 100-10V
C606	87-010-264-080		CAP,E 100-10V
C607	87-010-264-080		CAP,E 100-10V
C608	87-010-264-080		CAP,E 100-10V
C609	87-010-236-010		CAP,E 1000-10V
C610	87-010-236-010		CAP,E 1000-10V
C613	87-010-045-810		CAP,E 100-25V
C614	87-010-285-010		CAP,E 2200-16V
C615	87-010-045-810		CAP,E 100-25V
C902	87-010-908-080		ELECT CAP 220-10V
C903	87-010-264-080		CAP,E 100-10V<EXCEPT 3EEZ,3EZ>
C903	87-010-908-080		ELECT CAP 220-10V<3EEZ,3EZ>
C905	87-010-264-080		CAP,E 100-10V
C906	87-010-908-080		ELECT CAP 220-10V
CF101	S0-001-070-000		CER,FIL SFE-10.7MA5-M
CF102	S0-004-650-000		CER,FIL<3EEZ,3EZ>
CF102	S0-004-550-030		CER,FIL SFU455B<EXCEPT 3EEZ,3EZ>
CON303	S0-855-382-500		HSG 5538-8A
CON601	S0-401-040-000		SPKR JACK
J501	S0-535-093-500		HP,JACK HTF-035-09
J551	S0-580-103-500		HP,JACK 3.5 5P
J601	S0-020-003-500		JACK,HP 3.5MM
L101	S0-400-450-080		FM,COIL 4T,4.5MM
L102	S0-400-450-080		FM,COIL 4T,4.5MM
L103	S0-300-500-080		FM,COIL 3T,5MM
L104	87-003-097-010		COIL,1UH<3SHJ,3LH,3HRJ>
L105	S1-101-231-000		AM COIL 4-100MM<2LH>
L105	S2-552-601-500		COIL,LW 255:26,150MM<3EEZ,3EZ>
L105	S0-801-051-700		MW COIL 4-170MM<3SHJ,3LH,3HRJ>
L106	S0-200-411-500		COIL,SW 20:4<3SHJ>
L106	S0-801-051-700		MW COIL 4-170MM<3EEZ,3EZ>
LED401	87-070-107-019		LED,SE3021DT/124A 3MM(GRN)
LED402	87-070-107-019		LED,SE3021DT/124A 3MM(GRN)
LED403	87-070-107-019		LED,SE3021DT/124A 3MM(GRN)
LED404	87-070-107-019		LED,SE3021DT/124A 3MM(GRN)
PVC101	S5-222-000-020		PVC,L2S-22CNTN AM/FM/SW <EXCEPT 2LH>
PVC101	S3-222-000-050		PVC,L2Z22CHTN AM/FM (CAW52LH)<2LH>
SFR301	S5-010-830-000		SFR,500
SW101	S6-300-710-000		SW,SLIDE 6P3T<3LH,3HRJ>
SW101	S8-400-710-000		SW,SLIDE 8P4T<3SHJ,3EEZ,3EZ>
SW101	S2-300-610-000		SW,SLIDE M2-3<2LH>
SW102	S2-300-610-000		SW,SLIDE M2-3
SW301	S0-062-200-010		SW,RECORDING
SW305	S2-300-610-000		SW,SLIDE M2-3
SW306	S2-200-911-010		SW,SLIDE SK22F03G9
SW401	S0-083-000-000		SW,TACT
SW402	S0-083-000-000		SW,TACT
SW403	S0-083-000-000		SW,TACT
SW404	S0-083-000-000		SW,TACT
⚠SW801	S1-200-000-030		SW,SLIDE SS12J01M-A-65 <3SHJ,3LH,3HRJ>
SW901	S6-400-610-000		SW,SLIDE 6P4T
T101	S0-012-700-100		IFT,7A127N
T102	S0-046-500-000		IFT,KM465R<3SHJ>
T102	S0-047-300-100		IFT,KM473R<3LH,3HRJ>
T103	S0-110-300-100		IFT,1A1103R B<2LH>
T103	S0-060-000-000		IFT,1A600R<3SHJ,3EEZ,3EZ>
T103	S0-153-400-100		IFT,KANK1534DC<3LH,3HRJ>
T104	S0-041-600-100		IFT,1A416R<3EEZ,3EZ>
T104	S0-060-000-000		IFT,1A600R<3LH,3HRJ>
T104	S0-083-700-100		IFT,7A837R 10MM<3SHJ>
T105	S0-360-900-100		IFT,K-3609A 10MM<3SHJ>
T106	S0-022-400-100		IFT,4A224R
T107	S0-024-700-100		IFT,A247R(B) 10MM
T301	S2-245-900-100		I.F.T.OA-822459,1A1197N,10mm
TC101	S1-000-200-000		TRIMMER 20PF<3EEZ,3EZ>
TC101	S1-000-080-000		TRIMMER 8PF<3SHJ,3LH,3HRJ>
TC102	S1-000-080-000		TRIMMER 8PF<3SHJ>
TC103	S1-000-200-000		TRIMMER 20PF<3EEZ,3EZ>
TC103	S1-000-080-000		TRIMMER 8PF<3SHJ,3LH,3HRJ>
TC104	S1-000-080-000		TRIMMER 8PF<3SHJ>
VR501	S1-030-030-000		VR,10KA
VR601	S5-030-020-100		VR,B50K

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
LED C.B			
LED101	S0-024-202-050		LED,LN242RPH RED
LED901	S0-024-202-050		LED,LN242RPH RED
POWER C.B			
BATT-1 C.B			
BATT-2 C.B			
VR C.B			
VR101	S1-040-030-020		VR,100K<3SHJ,3LH,3HRJ>

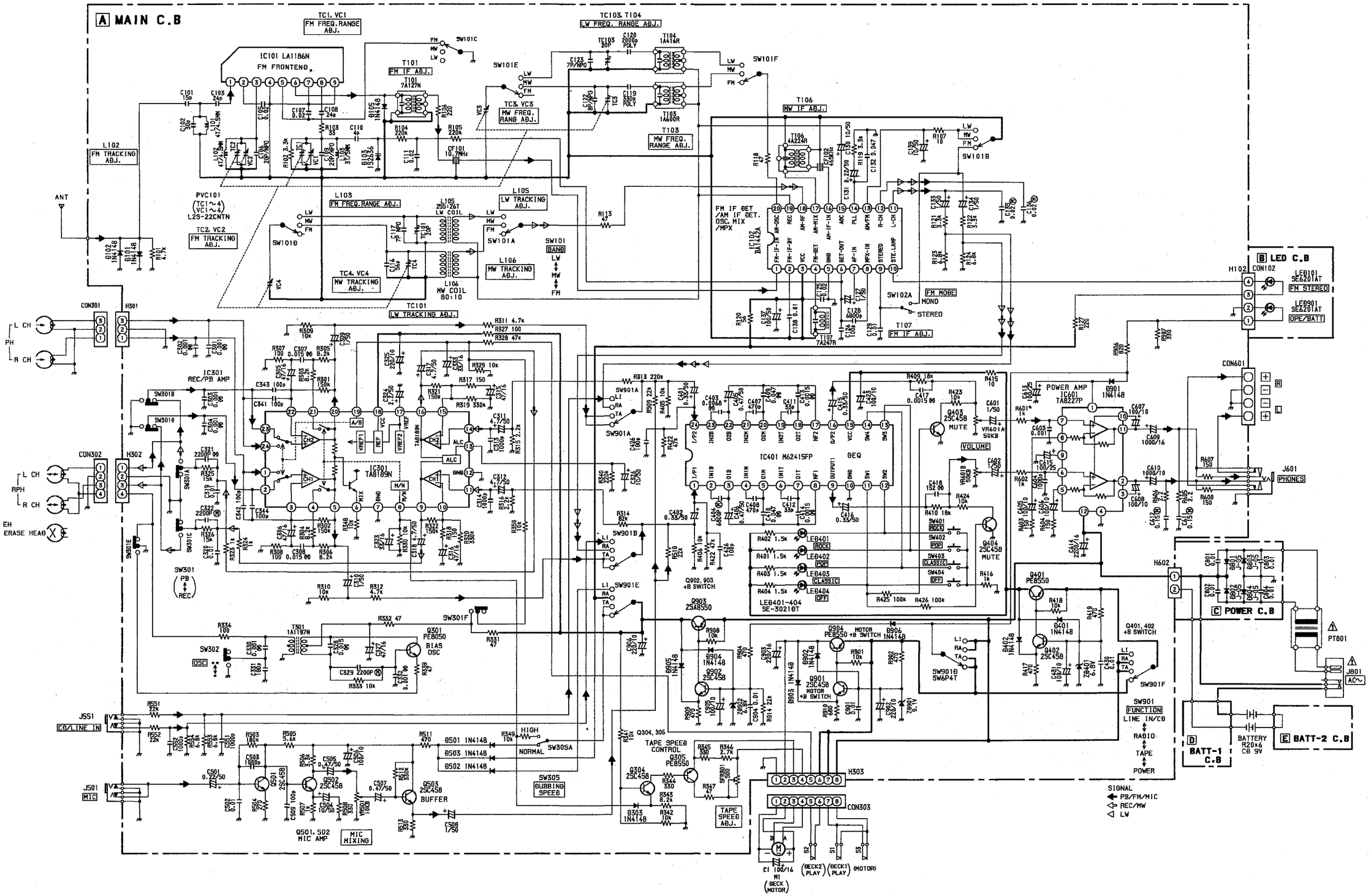
TRANSISTOR ILLUSTRATION

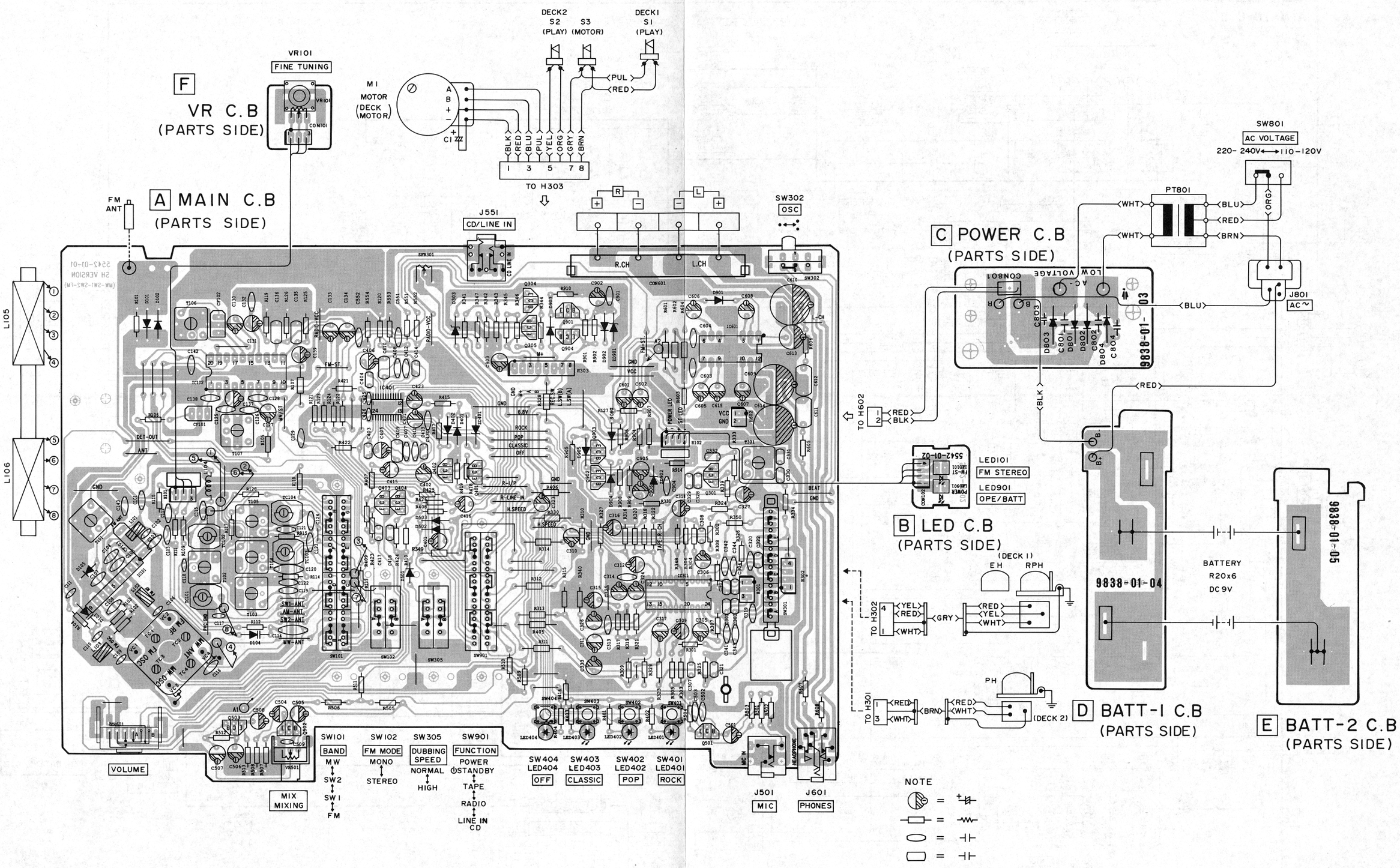
E C B

2SC458
PE8050
PE8550

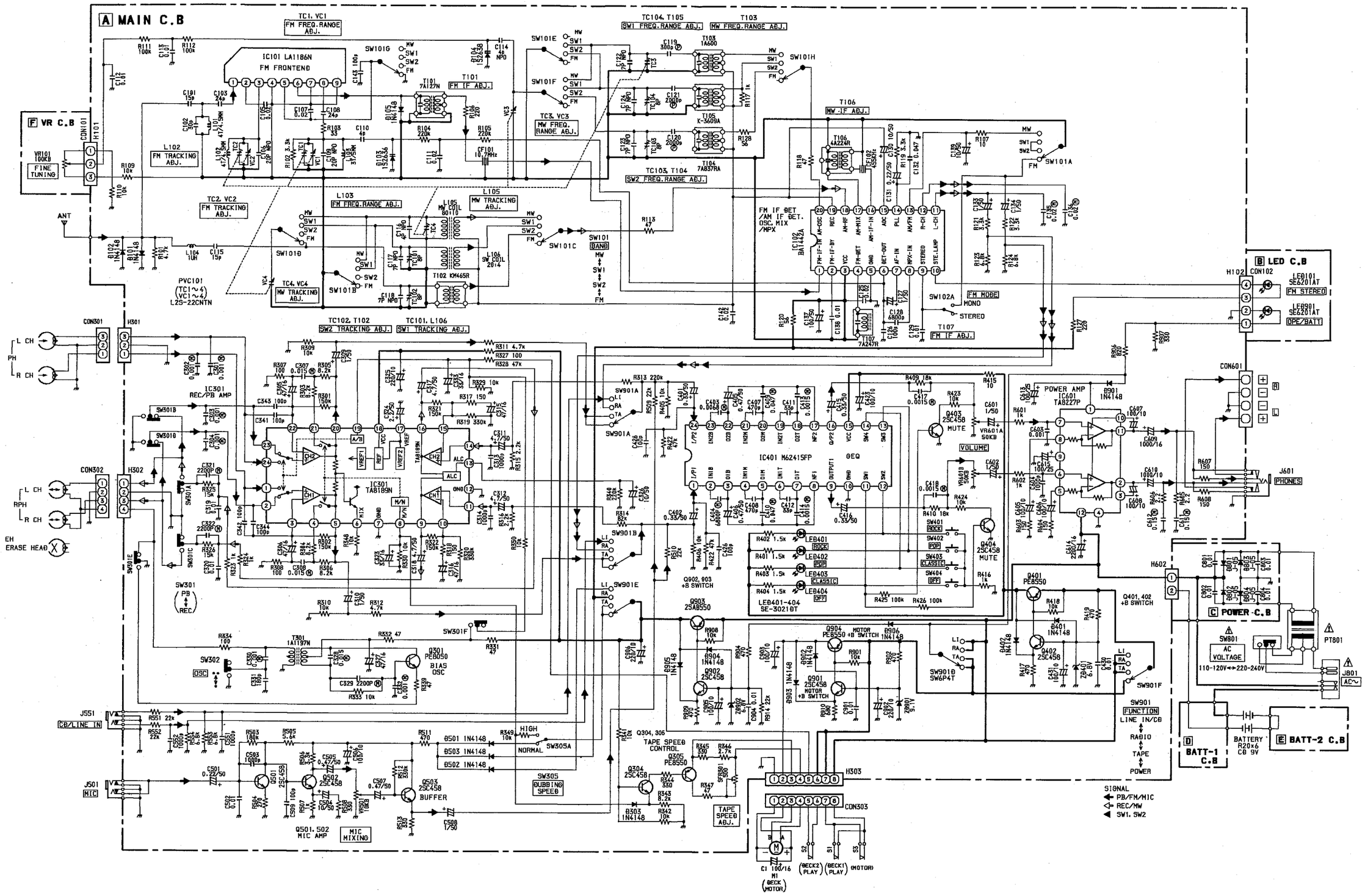

DECK2
S2 (PLAY)
S3 (MOTOR)
DECK1
S1 (PLAY)
M1
MOTOR
(DECK MOTOR)
PUL
RED
BLK
RED
BLU
PUL
YEL
ORG
GRY
BRN
1 3 5 7 8
TO H303
A MAIN C.B
(PARTS SIDE)
FM ANT
J551
CD/LINE IN
SW302
OSC
R.CH
L.CH
L106
L105
VOLUME
MIX
MIXING
SW101
BAND
LW
MW
FM
SW102
FM MODE
MONO
STEREO
SW305
DUBBING SPEED
NORMAL
HIGH
SW901
FUNCTION
POWER
STANDBY
TAPE
RADIO
LINE IN
CD
SW404 LED404 OFF
SW403 LED403 CLASSIC
SW402 LED402 POP
SW401 LED401 ROCK
J501
MIC
J601
PHONES
C POWER C.B
(PARTS SIDE)
PT801
WHT
WHT
BRN
BLU
J801
AC
RED
BLK
RED
TO H602
RED
BLK
LED101
FM STEREO
LED901
OPE/BATT
B LED C.B
(PARTS SIDE)
(DECK 1)
EH
RPH
TO H302
YEL
RED
WHT
GRY
RED
YEL
WHT
PH
TO H301
RED
WHT
BRN
RED
WHT
(DECK 2)
D BATT-1 C.B
(PARTS SIDE)
BATTERY
R20x6
DC 9V
E BATT-2 C.B
(PARTS SIDE)
NOTE

SCHEMATIC DIAGRAM-1 (W53: EZ, EEZ)

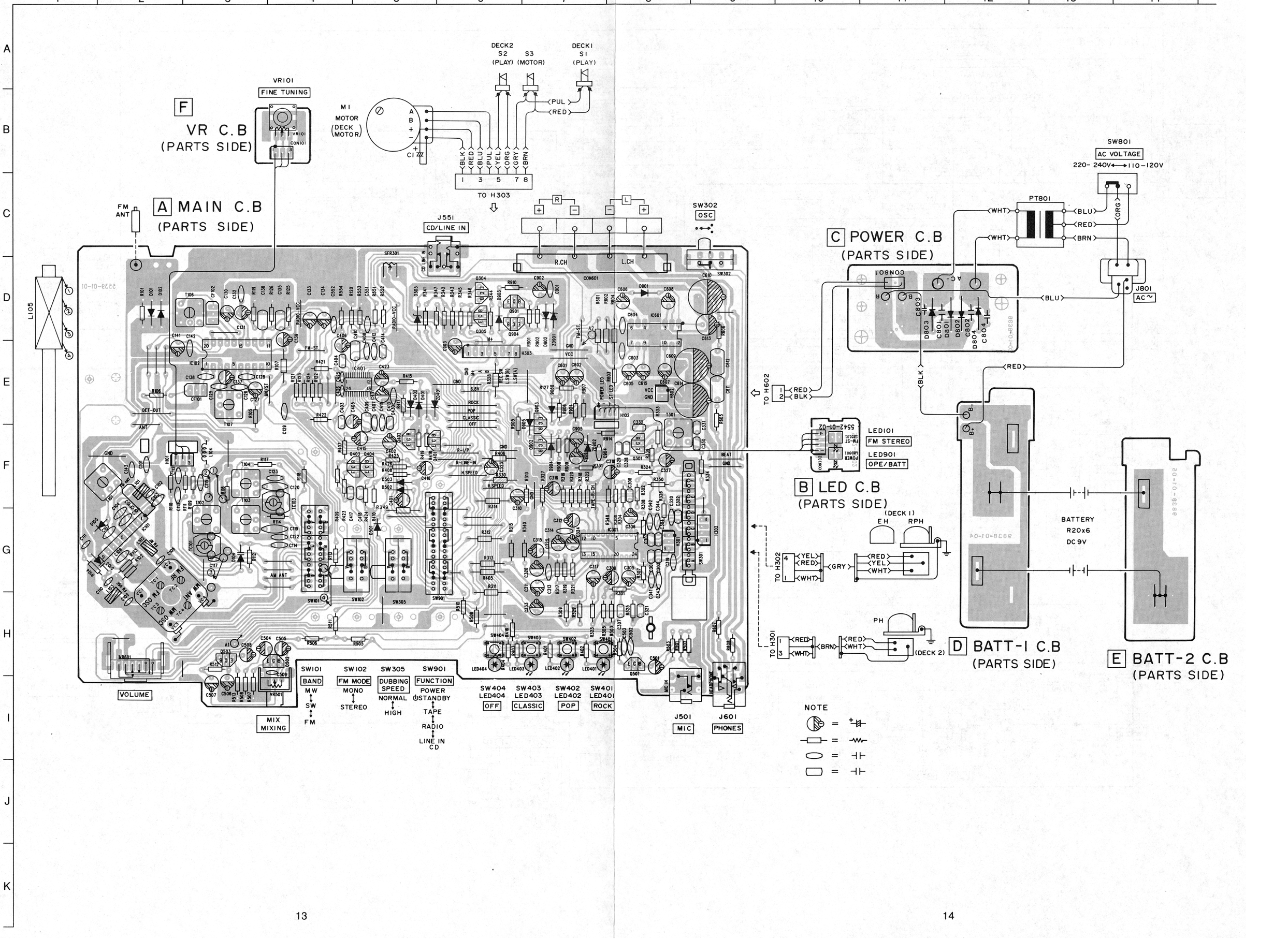



F
VR C.B
(PARTS SIDE)
VR101
FINE TUNING
M1
MOTOR
(DECK
MOTOR)
DECK2
S2
(PLAY)
S3
(MOTOR)
DECK1
S1
(PLAY)
PUL
RED
BLK
RED
BLU
PUL
YEL
ORG
GRY
BRN
1 3 5 7 8
TO H303
A MAIN C.B
(PARTS SIDE)
FM
ANT
J551
CD/LINE IN
R.CH
L.CH
SW302
OSC
SW301
SW101
SW102
SW305
SW901
SW101
BAND
MW
SW2
SW1
FM
SW102
FM MODE
MONO
STEREO
SW305
DUBBING
SPEED
NORMAL
HIGH
SW901
FUNCTION
POWER
STANDBY
TAPE
RADIO
LINE IN
CD
SW404
LED404
OFF
SW403
LED403
CLASSIC
SW402
LED402
POP
SW401
LED401
ROCK
VOLUME
MIX
MIXING
J501
MIC
J601
PHONES
L105
L106
C POWER C.B
(PARTS SIDE)
SW801
AC VOLTAGE
220- 240V
110-120V
PT801
WHT
WHT
BLU
RED
BRN
ORG
J801
AC
BLU
RED
BLK
TO H602
RED
BLK
LED101
FM STEREO
LED901
OPE/BATT
B LED C.B
(PARTS SIDE)
9838-01-03
9838-01-04
9838-01-05
BATTERY
R20x6
DC 9V
(DECK 1)
EH
RPH
TO H302
YEL
RED
WHT
GRY
RED
YEL
WHT
PH
TO H301
RED
WHT
BRN
RED
WHT
(DECK 2)
D BATT-1 C.B
(PARTS SIDE)
E BATT-2 C.B
(PARTS SIDE)
NOTE
= +
= ~
= ⊣⊢
= ⊣⊢

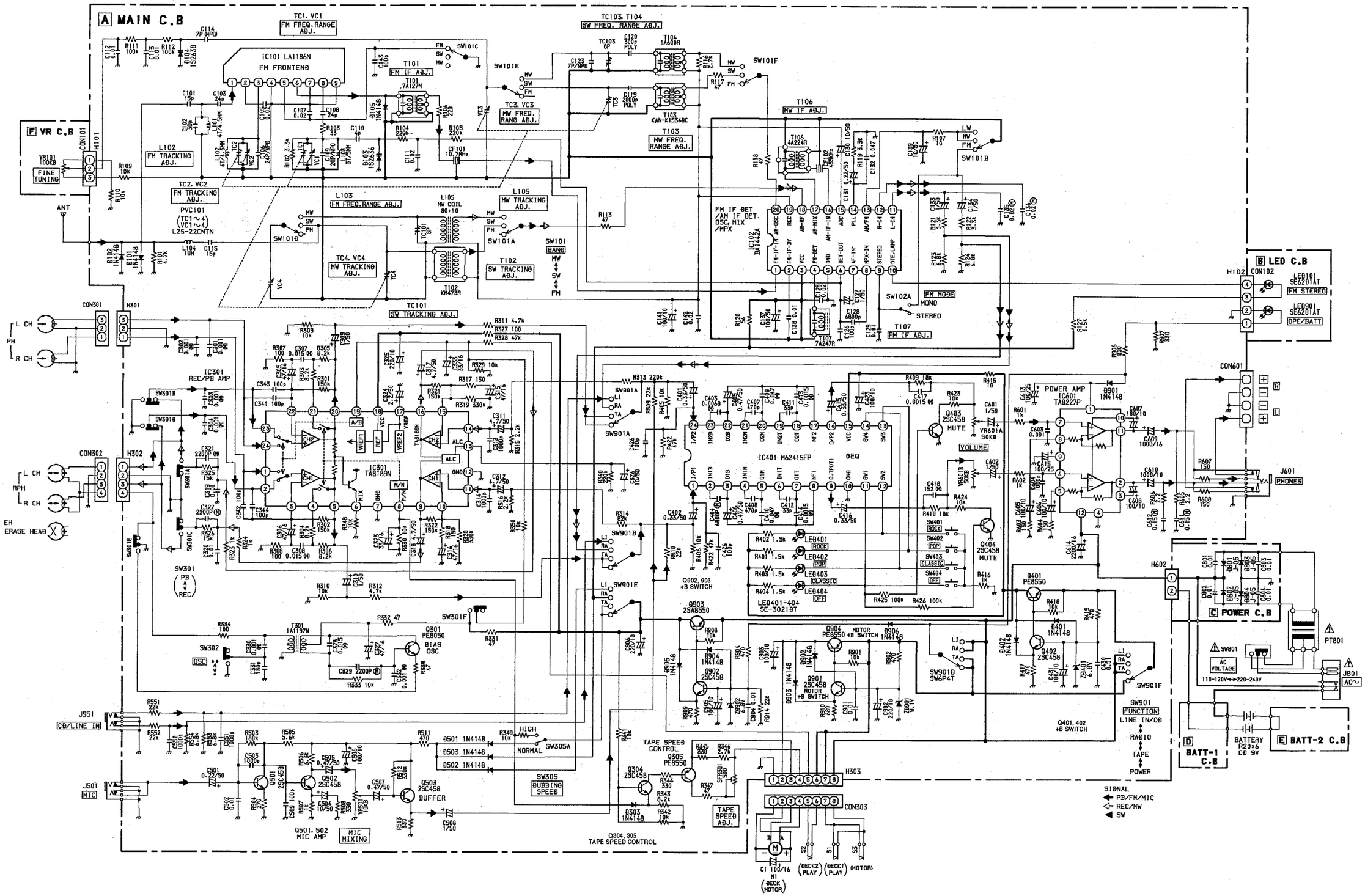
SCHEMATIC DIAGRAM-2 (W53: SH)

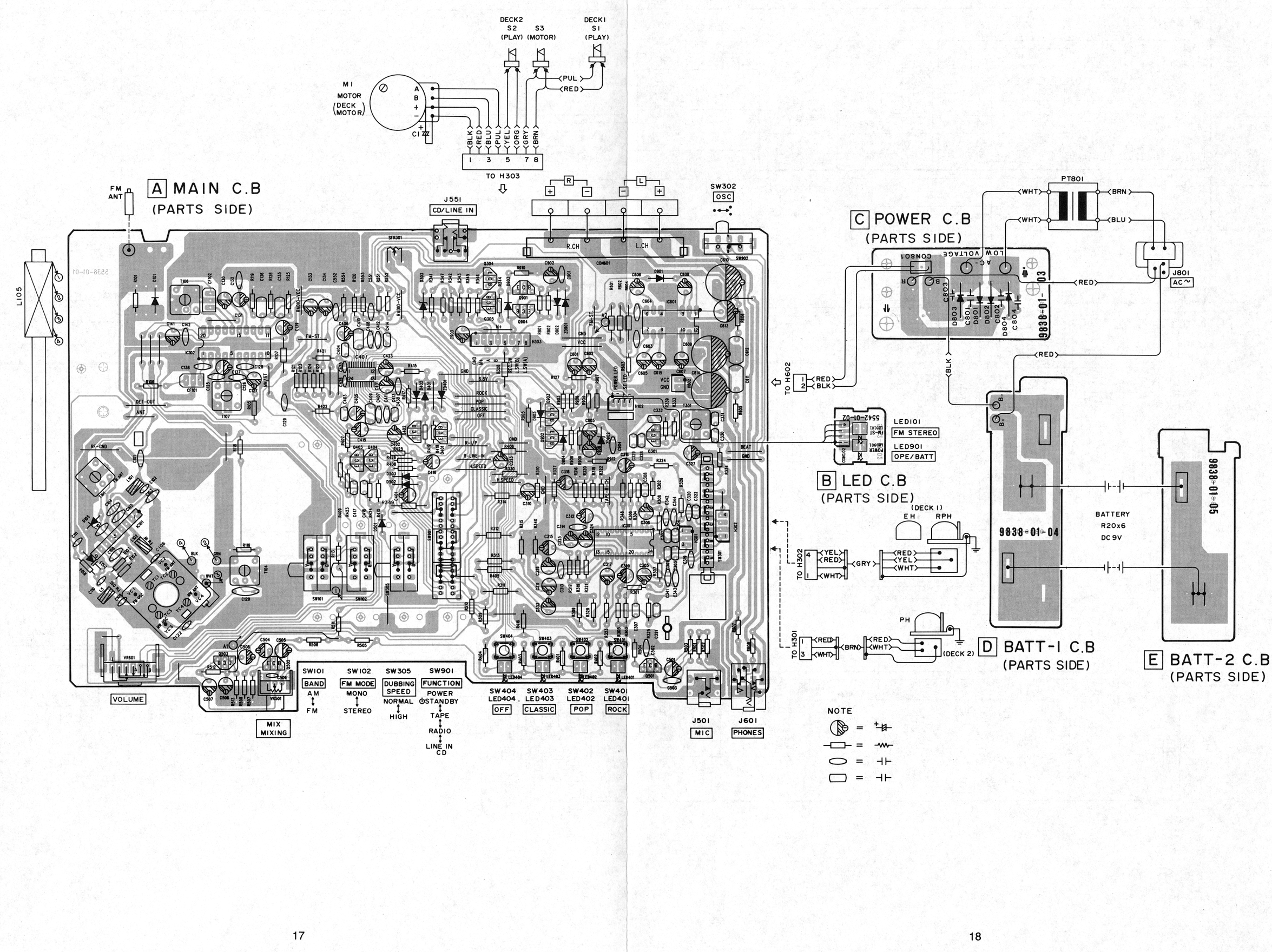


WIRING-3 (W53: LH, HR)

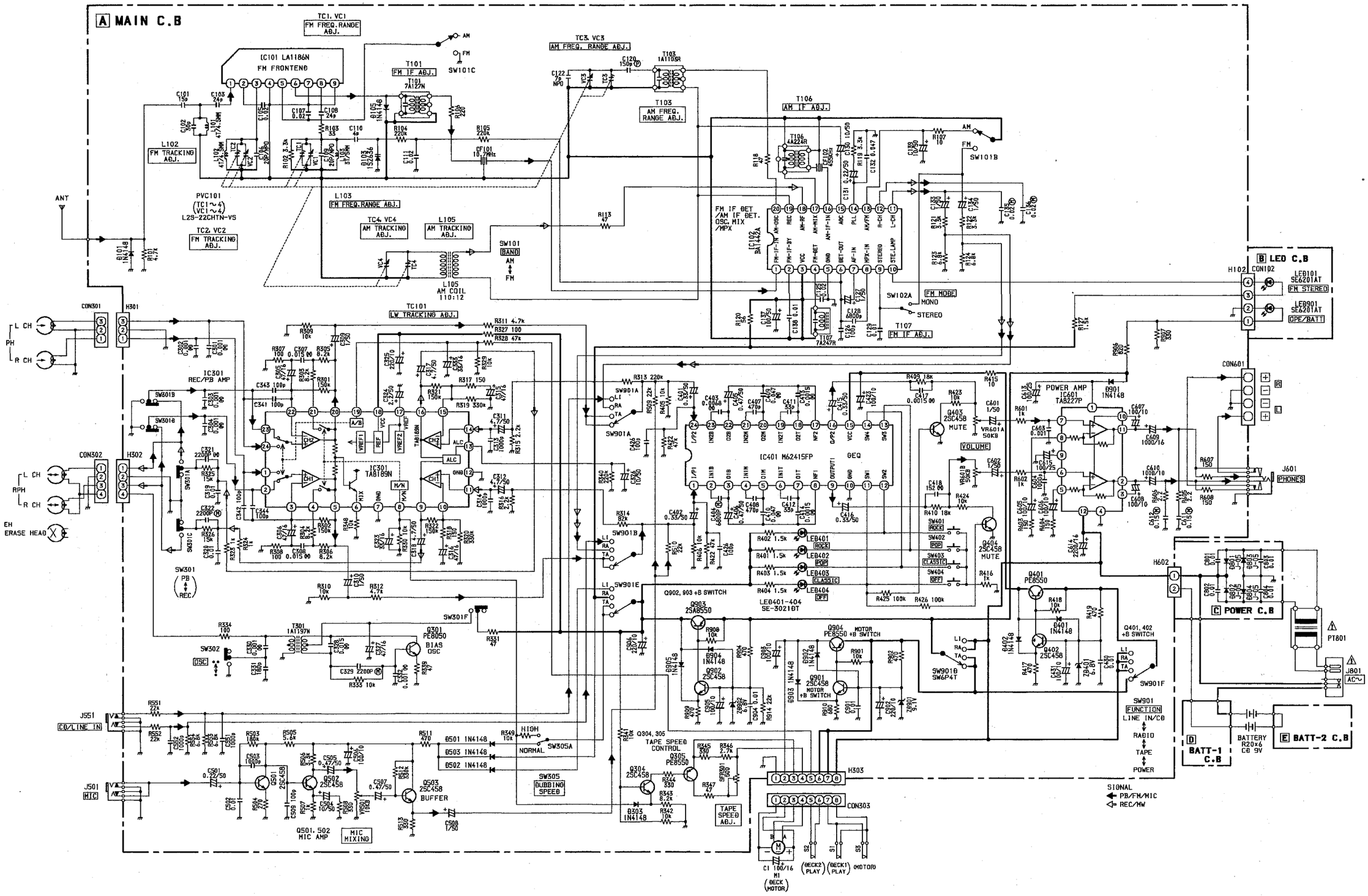


SCHEMATIC DIAGRAM-3 (W53: LH, HR)



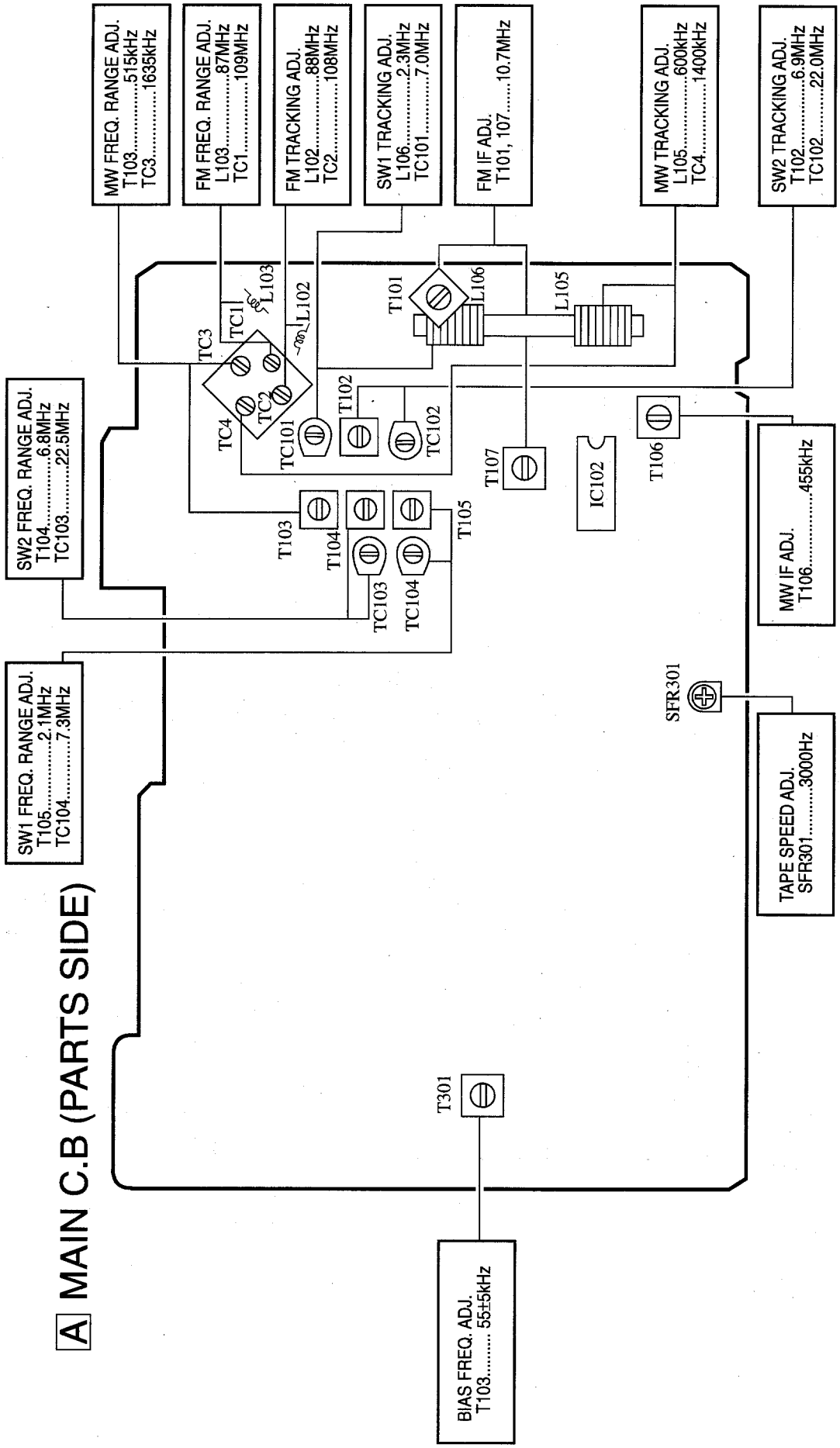

DECK2
S2 (PLAY)
S3 (MOTOR)
DECK1
S1 (PLAY)
M1
MOTOR (DECK MOTOR)
A
B
+
−
CI
PUL
RED
BLK RED BLU PUL YEL ORG GRY BRN
1 3 5 7 8
TO H303
A MAIN C.B
(PARTS SIDE)
FM ANT
J551
CD/LINE IN
R.CH
L.CH
SW302
OSC
L105
VOLUME
MIX MIXING
SW101
BAND
AM
FM
SW102
FM MODE
MONO
STEREO
SW305
DUBBING SPEED
NORMAL
HIGH
SW901
FUNCTION
POWER
STANDBY
TAPE
RADIO
LINE IN
CD
SW404 LED404 OFF
SW403 LED403 CLASSIC
SW402 LED402 POP
SW401 LED401 ROCK
J501
MIC
J601
PHONES
C POWER C.B
(PARTS SIDE)
PT801
WHT
BRN
BLU
RED
J801
AC
CON801
VOLTAGE
LOW
9838-01-03
TO H602
RED
BLK
LED101
FM STEREO
LED901
OPE/BATT
5542-01-02
B LED C.B
(PARTS SIDE)
(DECK 1)
EH
RPH
TO H302
YEL
RED
WHT
GRY
PH
TO H301
BRN
(DECK 2)
D BATT-1 C.B
(PARTS SIDE)
9838-01-04
BATTERY
R20x6
DC 9V
9838-01-05
E BATT-2 C.B
(PARTS SIDE)
NOTE

SCHEMATIC DIAGRAM-4 (W52: LH)

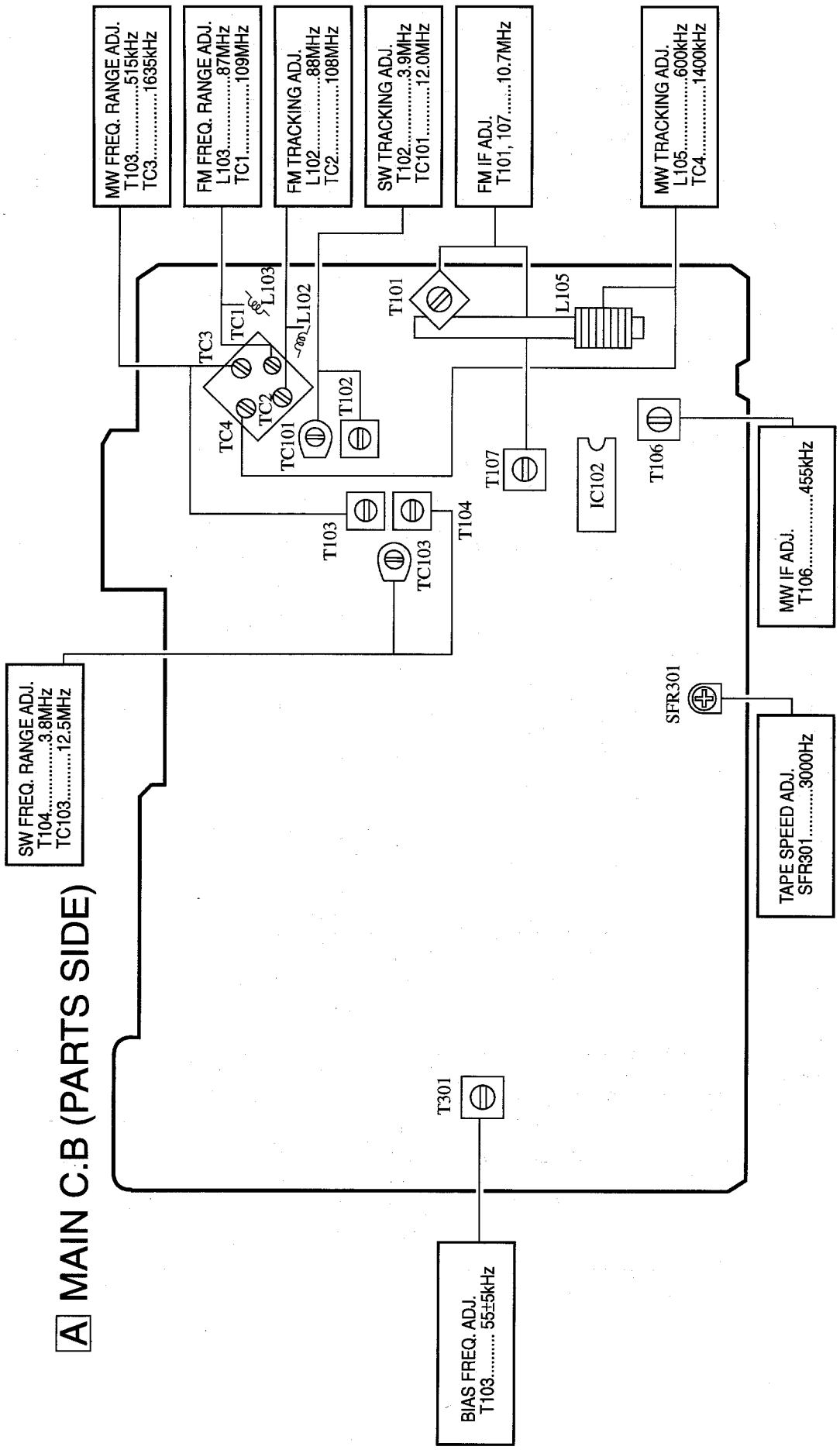


ELECTRICAL ADJUSTMENT

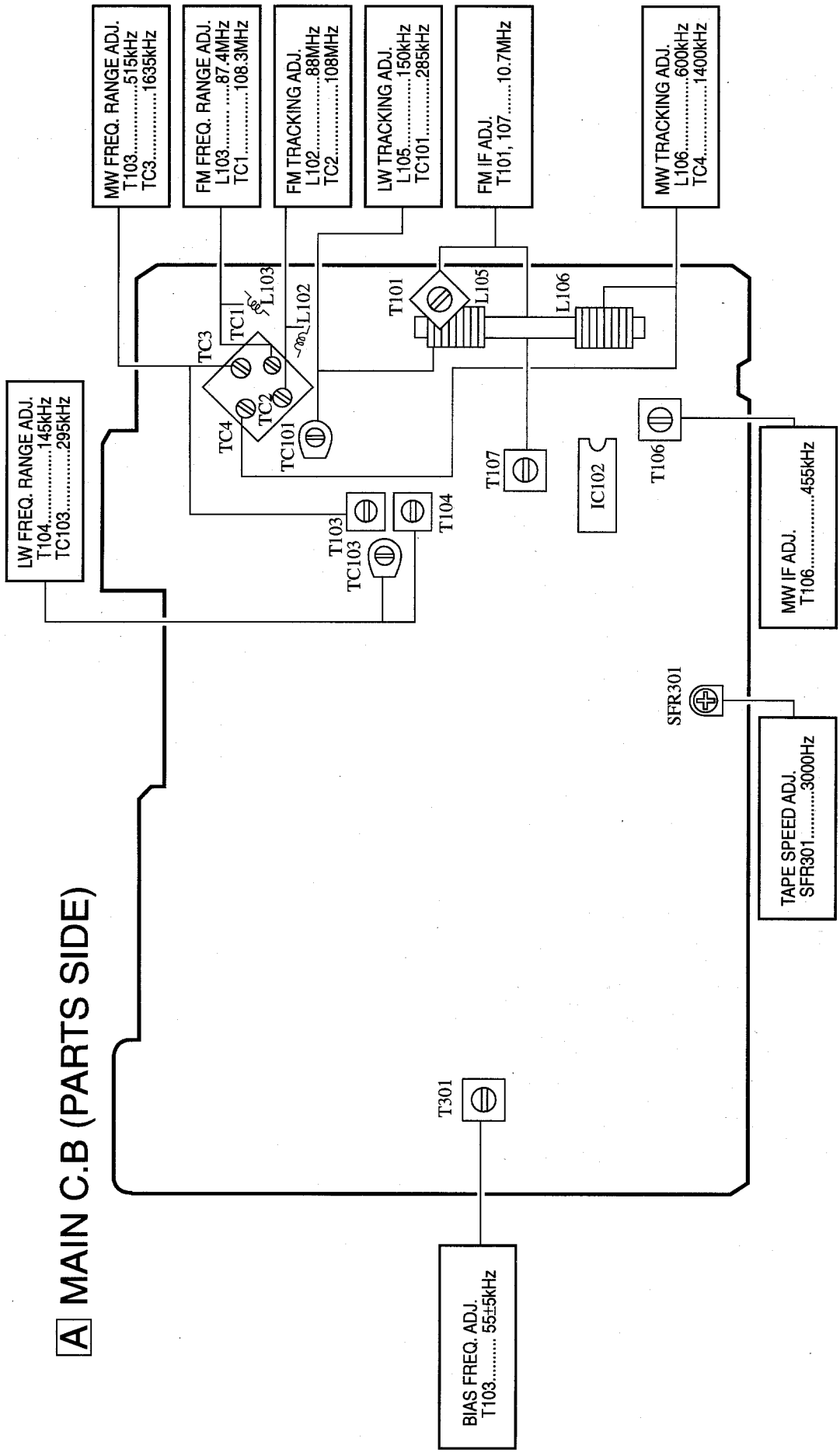
(W53: SH MODEL)



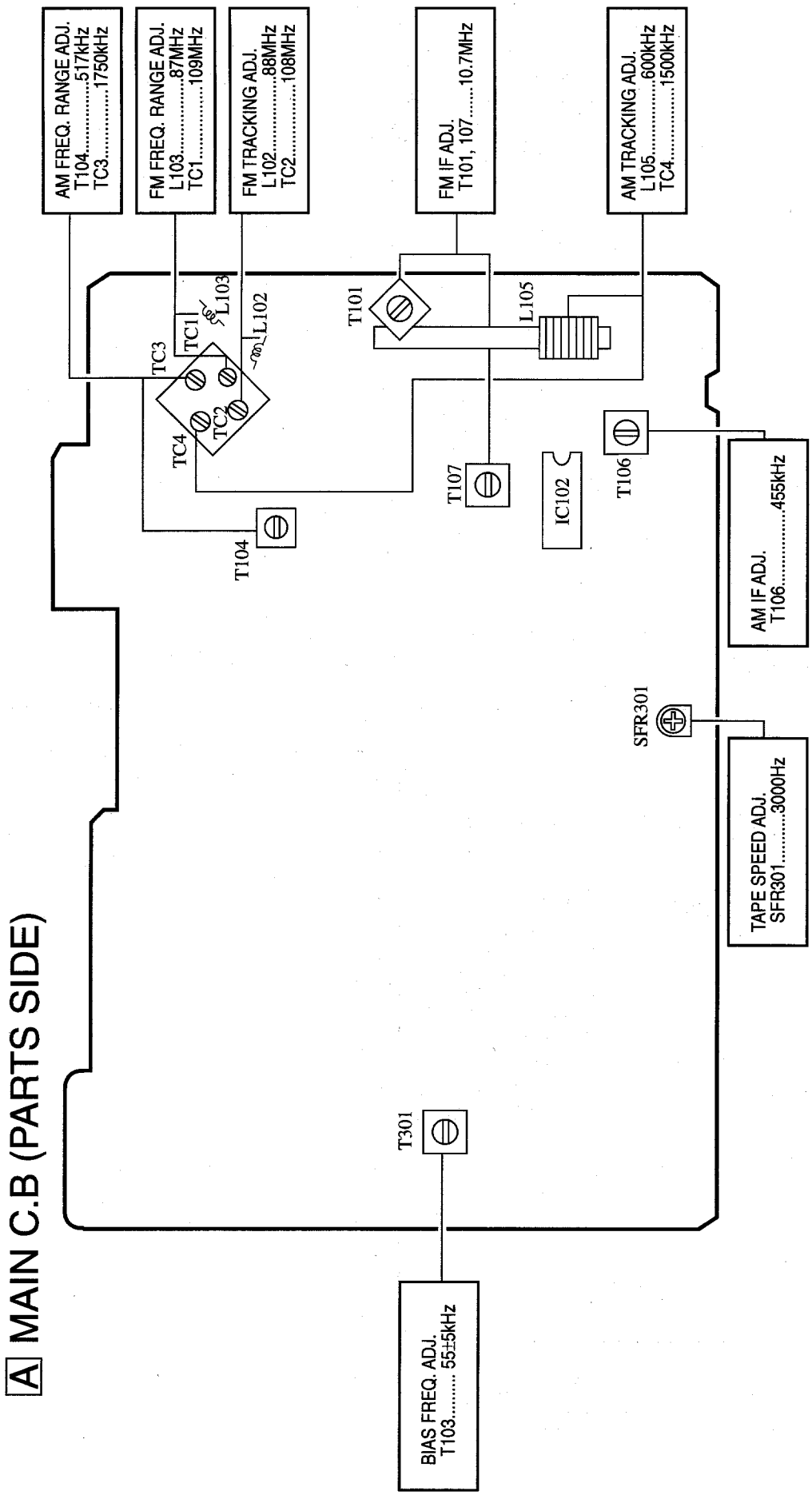
(W53: HR, LH MODELS)



(W53: EZ, EEZ MODELS)

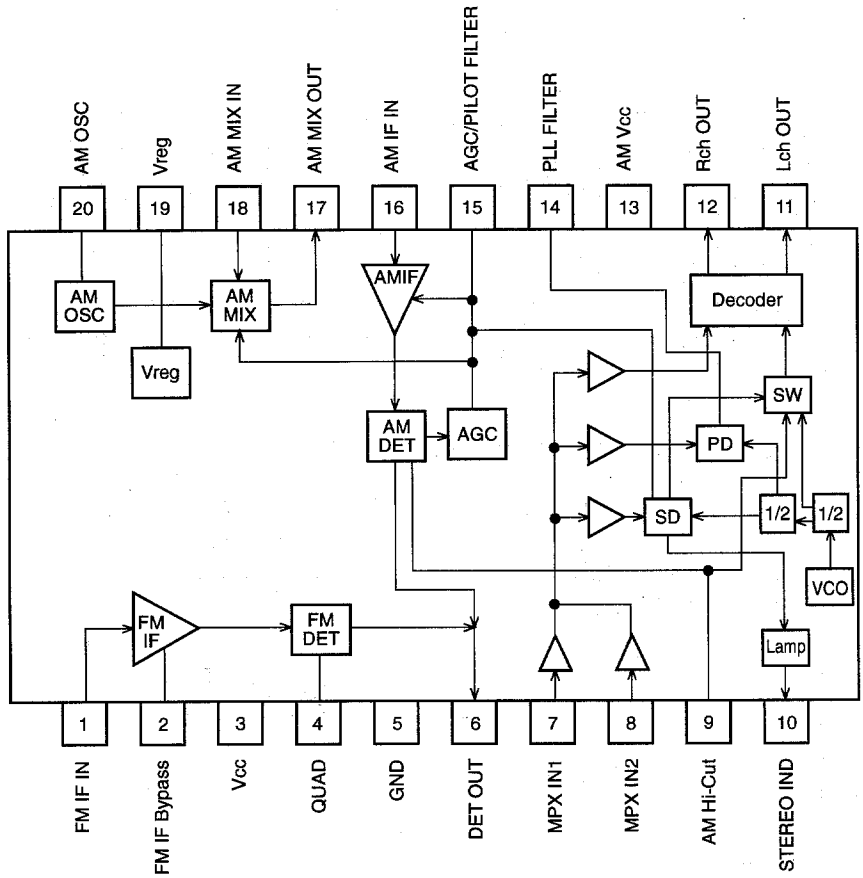


(W52: LH MODEL)

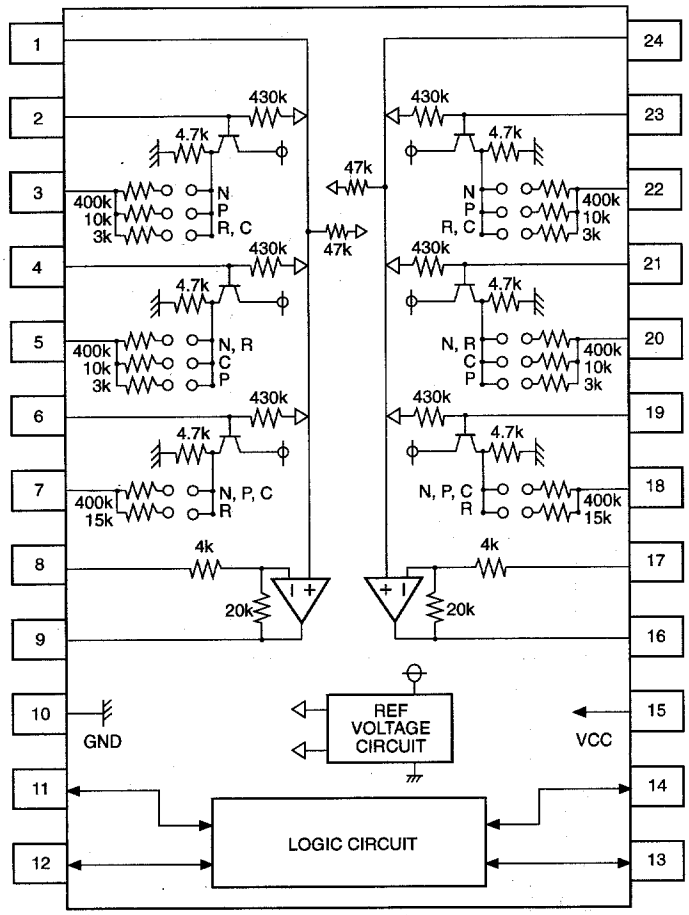

A MAIN C.B (PARTS SIDE)
AM FREQ. RANGE ADJ.
T104.....517kHz
TC3.....1750kHz
FM FREQ. RANGE ADJ.
L103.....87MHz
TC1.....109MHz
FM TRACKING ADJ.
L102.....88MHz
TC2.....108MHz
FM IF ADJ.
T101, 107.....10.7MHz
AM TRACKING ADJ.
L105.....600kHz
TC4.....1500kHz
AM IF ADJ.
T106.....455kHz
TAPE SPEED ADJ.
SFR301.....3000Hz
BIAS FREQ. ADJ.
T103..... 55±5KHz
T101
L105
L103
L102
TC1
TC3
TC2
TC4
T104
T107
IC102
T106
SFR301
T301

IC BLOCK DIAGRAM

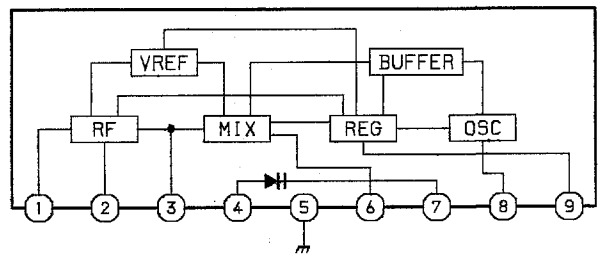
IC, BA1442A



IC, M62415FP



IC, LA1186N

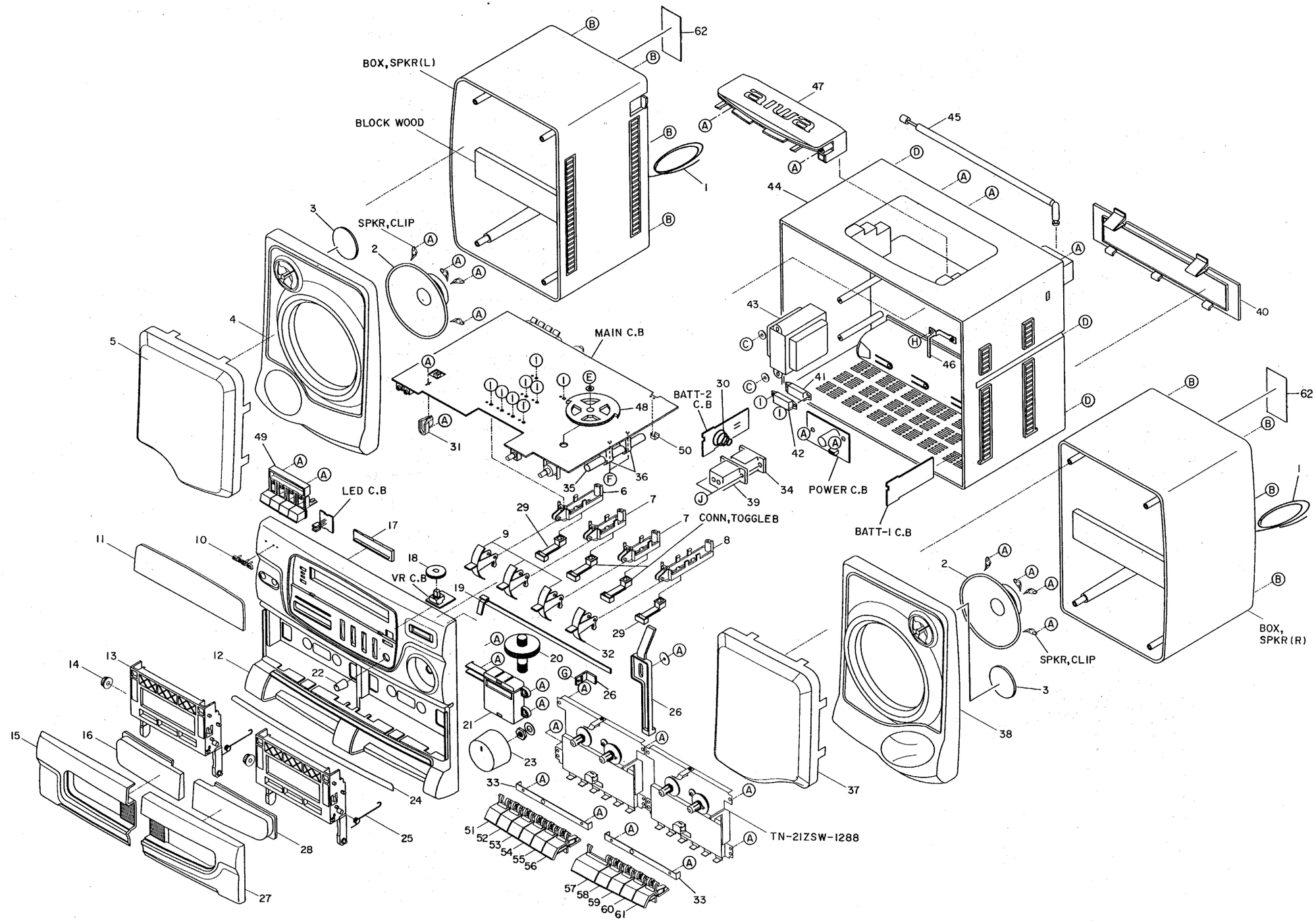


MECHANICAL PARTS LIST 1 ／ 1

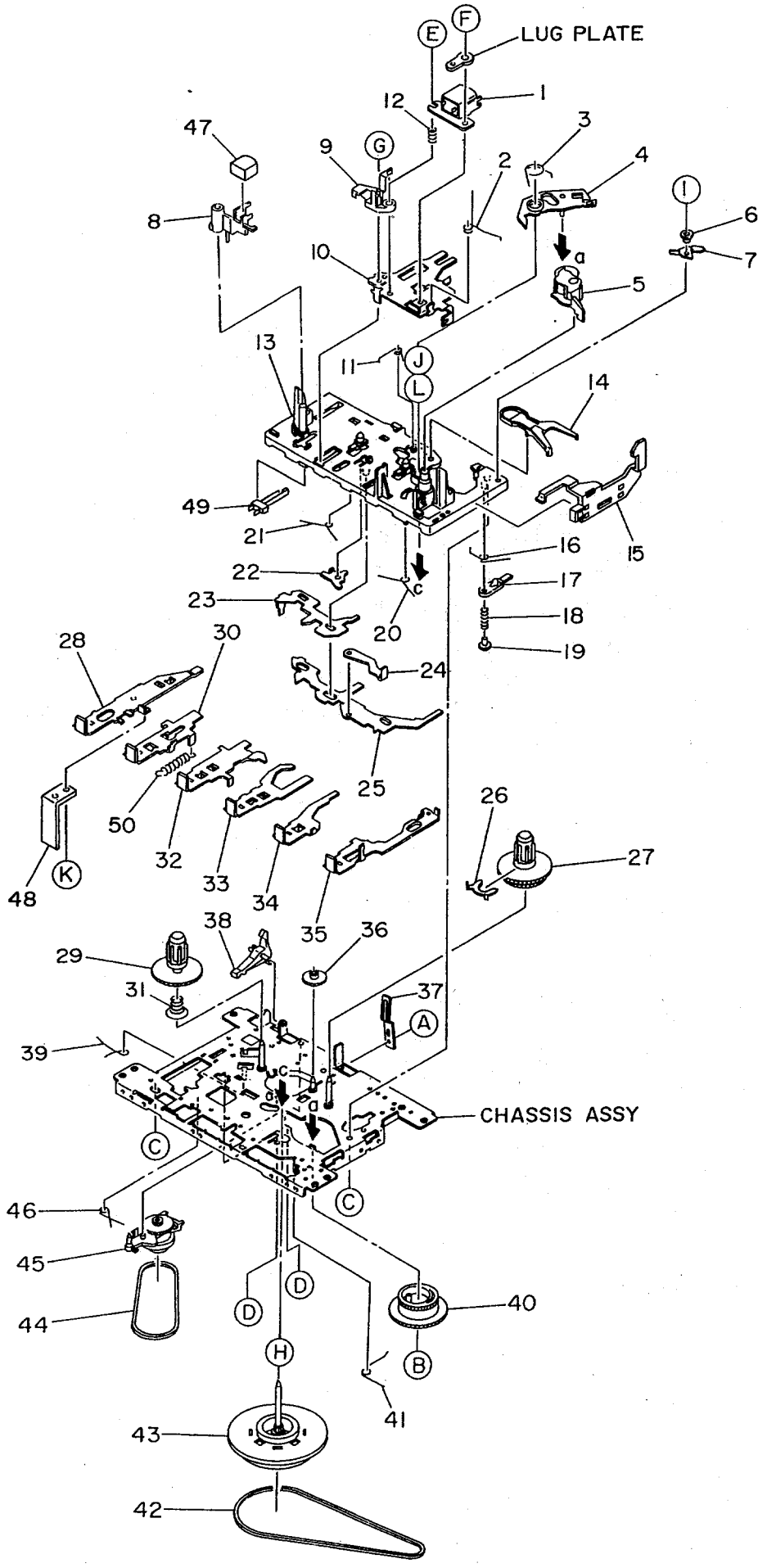
DESCRIPTIONで判断できない物は “REFERENCE NAME LIST” を参照してください。
If can't understand for Description please kindly refer to “REFERENCE NAME LIST”.

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	S0-020-206-010		SPKR WIRE UL/CS
2	S4-040-030-140		SPAKR 4'4OHM 3W
3	S3-270-010-000		BUZZER 27mm
4	S5-538-320-100		PANEL,SPKR(L)CAW53<EXCEPT EZ>
4	S5-538-320-200		PANEL,SPKR(L)CAW53<EZ>
5	S5-538-530-000		GRILLE SPKR(L)CAW33
6	S5-538-390-000		BRKT,FUNC SW
7	S5-538-400-000		BRKT,DUBB SW
8	S5-538-410-000		BRKT,BAND SW
9	S5-538-050-010		KNOB,BAND 1(B)CAW53
10	S9-838-430-000		AIWA LOGO BLK
11	S5-538-080-500		LENS,DIAL(CAW52LH)<52LH>
11	S5-538-080-300		LENS,DIAL(CAW53EKZ)<EEZ,EZ>
11	S5-538-080-400		LENS,DIAL(CAW53HR)<HRJ>
11	S5-538-080-200		LENS,DIAL(CAW53LH)<53LH>
11	S5-538-080-100		LENS,DIAL(CAW53SH)<SHJ>
12	S5-538-510-300		CAB,FRONT(CAW52LH)<52LH>
12	S5-538-510-100		CAB,FRONT(CAW53E/K/Z)<EEZ,EZ>
12	S5-538-010-200		CAB,FRONT(CAW53LH)<53LH,HRJ>
12	S5-538-010-100		CAB,FRONT(CAW53SH)<SHJ>
13	S5-538-450-000		FRAME DOOR CASS CAW53
14	S7-69A-420-000		GEAR,769A-42
15	S5-538-060-200		COVER DOOR CASS(L)CAW53<EEZ,EZ>
15	S5-538-060-100		DOOR,CASS(L)CAW53<EXCEPT EEZ,EZ>
16	S5-538-090-000		LENS,DOOR CASS(L)CAW53
17	S5-538-380-000		LUMINATOR EQ
18	S5-538-300-000		KNOB,TUFINE(B)CA53<SHJ,53LH,HRJ>
19	S5-538-430-000		POINTER(WHT)
20	S5-538-030-000		KNOB,TUN(B)CAW53
21	S5-538-360-000		BRKT,KNOB TUN CAW53
22	S5-538-290-010		KNOB,VOL MIC(B)CAW53
23	S5-538-040-010		KNOB,VR(B)CAW53
24	S5-538-480-100		PLATE KEY CASS<EXCEPT EEZ,EZ>
24	S5-538-480-300		PLATE,KEY CASS<EEZ,EZ>
25	S9-238-440-000		SPR,CASS DOOR
26	S5-538-460-000		ADAPTOR RECORD
27	S5-538-070-100		COVER DOOR CASS R<EXCEPT EEZ,EZ>
27	S5-538-070-300		COVER DOOR CASS(R)CAW53<EEZ,EZ>
28	S5-538-100-000		LENS,DOOR CASS(R)CAW53
29	S5-538-420-000		CONN,5538-42
30	S9-238-000-000		BATT,SPRING 1mm
31	S8-238-430-000		L BRACKET
32	S5-538-580-000		KNOB,BAND 2(B)CAW53<EEZ,EZ>
32	S5-538-580-010		KNOB,BAND 2(B)<EXCEPT EEZ,EZ>
33	S0-278-470-000		PLATE MOUNTING KNOB
⚠ 34	S2-201-000-050		AC SOCKET 220V<EXCEPT 52LH>
⚠ 34	87-099-711-019		SOCKET,AC(CSDSR510)<52LH>
35	S0-101-200-000		FERRI,BAR 10-120<SHJ,EEZ,EZ>
35	S0-100-900-000		FERRI,BAR 10-90<LH,HRJ>
36	S2-500-000-000		ANT,BAR HOLDER
37	S5-538-540-000		GRILLE SPKR(R)CAW53
38	S5-538-330-100		PANEL,SPKR(R)CAW53<EXCEPT EZ>
38	S5-538-330-200		PANEL,SPKR(R)CAW53<EZ>
39	S2-838-070-000		AC SOCKET COVER BLK
40	S5-538-440-000		DOOR,BAT(GRY)CAW53
⚠ 41	S1-200-000-030		SW,SL SS12J01M-A-65<SHJ,3LH,HRJ>
42	S2-838-080-000		VOLT,SW COVER<SHJ,53LH,HRJ>
⚠ 43	S3-599-381-300		POWER TRNS 115/230V<SHJ,3LH,HRJ>
⚠ 43	S3-102-330-200		POWER TRNS(CAW52LH)<52LH>
⚠ 43	S3-899-381-400		PT,TF EI-48/23 230V:10V<EEZ,EZ>
44	S5-538-020-000		CAB,REAR(CAW53)<EEZ,EZ>
44	S5-538-020-010		CAB,REAR(CAW53)<EXCEPT EEZ,EZ>
45	S0-196-380-000		ROD ANT YH-770501A
46	S9-838-440-000		ANT,PRESS PLATE
47	S5-538-280-000		HANDLE(GRY)CAW53
48	S5-538-370-000		DRUM,DIAL CAW53
49	S5-538-310-200		KNOB,PRESET EQ(B)CAW53<EZ>
49	S5-538-310-100		KNOB,PRESET EQ(B)CA53<EXCEPT EZ>
50	S9-838-540-000		PLATE,ANT CONT<HRJ,EZ>
51	S5-538-110-000		KEY,RECORD(B)CAW53
52	S5-538-120-000		KEY,PLAY(B)CAW53
53	S5-538-180-000		KEY,REW(B)CAW53
54	S5-538-140-000		KEY,FF(B)CAW53
55	S5-538-150-000		KEY,STOP(B)CAW53
56	S5-538-210-000		KEY,PAUSE(B)CAW53
57	S5-538-170-000		KEY,PLAY 2(B)CAW53
58	S5-538-130-000		KEY,REW(B)CAW53
59	S5-538-190-000		KEY,FF(B)CAW53
60	S5-538-200-000		KEY,STOP(B)CAW53
61	S5-538-160-000		KEY,PAUSE(B)CAW53
62	S9-838-460-000		GATE PLATE(B)
A	87-741-096-410		SCREW,ST3-10MM HEAD V5.9-6.3
B	87-741-102-410		VT2+3-20
C	87-743-103-410		SCREW ST3-25MM HEAD
D	87-741-104-410		SCREW,ST3-30MM HEAD 5.9-6.3
E	87-261-072-010		SCREW,PM 2.6-5
F	87-261-096-010		SCREW,3-10 BM
G	87-351-549-010		SCREW 2-4
H	87-845-098-410		SCREW,3-14
I	87-352-095-010		SCREW,ST3-8
J	S0-602-601-000		SCREW,6-10 PBT (M3 HEAD)

MECHANICAL EXPLODED VIEW 1 / 1



TAPE MECHANISM EXPLODED VIEW 1 / 2

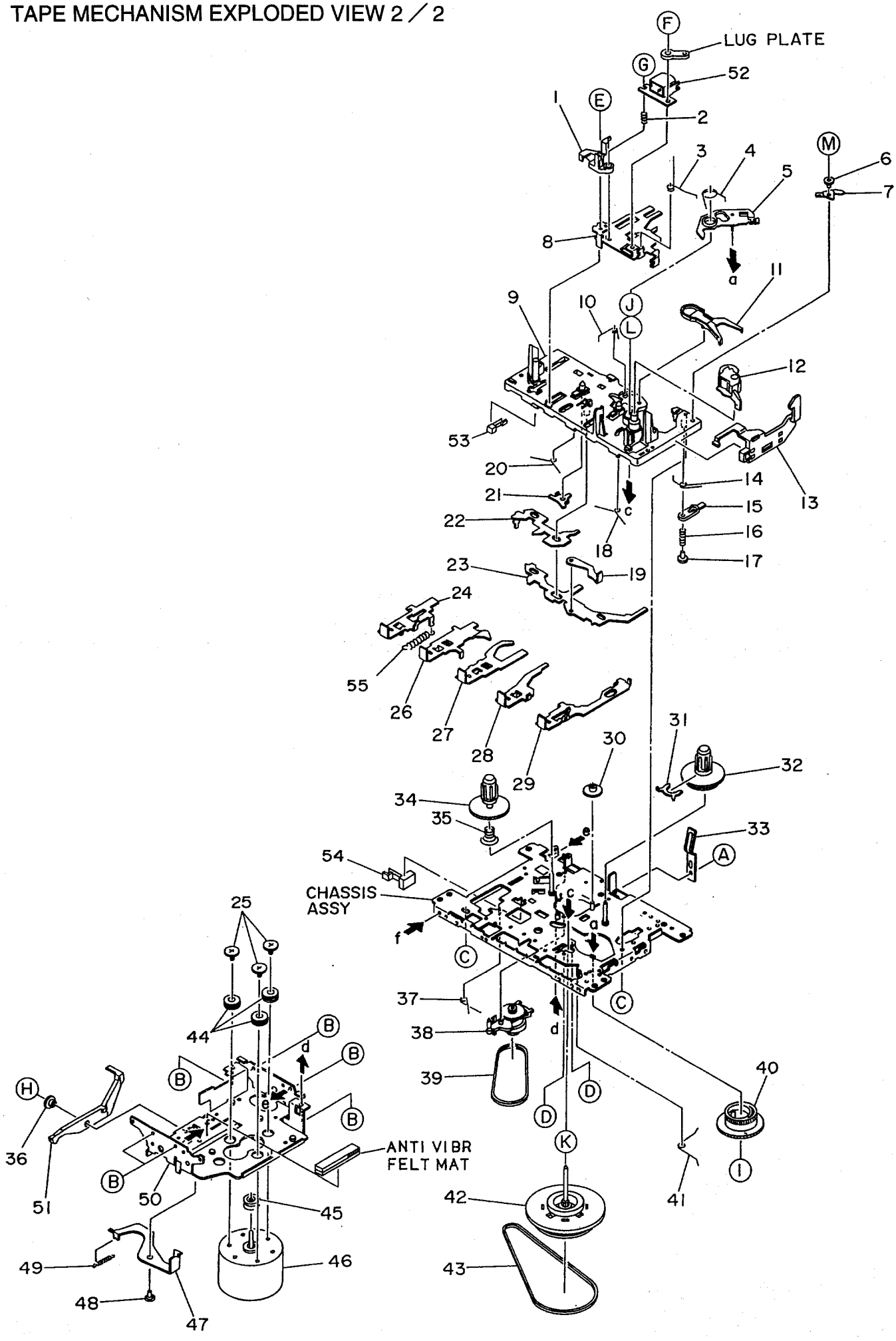


TAPE MECHANISM PARTS LIST 1 ／ 2

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	S6-202-010-750		R.P. HEAD MS15R-AA2N1
2	S1-921-030-030		PANEL P SPRING
3	S1-921-260-050		GEAR PLATE SPRING
4	S1-921-265-020		GEAR PLATE ASSY
5	S1-921-043-090		PINCH ROLLER ARM ASY
6	S1-921-140-370		P ARM COLLER
7	S1-921-140-340		P ARM
8	S1-921-030-050		MG ARM
9	S1-921-030-4A0		HEAD BASE
10	S1-921-030-110		HEAD PANEL
11	S1-921-141-8A0		M CONTROL SPRING
12	S1-821-030-070		AZIMUTH SPRING
13	S1-921-143-010		BASE ASSY
14	S1-921-260-4A0		SENSING LEVER
15	S1-921-130-020		EJECT SLIDE LEVER
16	S1-921-141-3A0		P CONTROL SPRING
17	S1-921-140-820		PAUSE LEVER(F)
18	S1-921-140-120		PAUSE LEVER SPRING
19	S1-921-140-110		PAUSE STOPPER
20	S1-921-140-150		BUTTON LEVER SPRING(B)
21	S1-921-140-140		BUTTON LEVER SPRING(A)
22	S1-921-140-200		PR STOPPER
23	S1-921-140-090		SWITCH ACTUATOR
24	S1-821-011-590		E KICK LEVER
25	S1-921-140-080		PUSH BUTTON ACTUATOR
26	S1-921-050-060		SENSER
27	S1-921-053-030		TAKE UP REEL ASSY
28	S1-921-140-220		REC BUTTON LEVER
29	S1-921-053-040		SUPPLY REEL ASSY
30	S1-921-140-230		PLAY BUTTON LEVER
31	S1-829-100-100		BACK TENSION SPRING
32	S1-921-140-240		REW BUTTON LEVER
33	S1-921-140-250		FF BUTTON LEVER
34	S1-921-140-260		STOP BUTTON LEVER
35	S1-921-140-610		PAUSE BUTTON LEVER
36	S1-821-100-700		FF GEAR
37	S1-829-100-010		PACK SPRING
38	S1-821-100-690		RECORD SAFETY LEVER
39	S1-921-140-210		REC BUTTON LEVER SPRING
40	S1-921-260-020		CAM GEAR
41	S1-921-140-160		E ACTUATOR SPRING
42	S1-921-090-240		MAIN BELT
43	S1-921-093-030		FLYWHEEL ASSY
44	S1-921-070-030		RF BELT
45	S1-921-073-080		RF CLUTCH ASSY
46	S1-921-140-170		P.S.LEVER SPRING
47	S6-209-100-080		E HEAD PH-K380-MS1
48	S1-510-020-020		REC SPRING PLATE
49	S6-401-011-520		LEAF SW MSW-1541F
50	S1-821-010-500		PLAY BUTTON LEVER SPRING
A	S9-P33-200-320		DEL TITE SCREWM2-3
B	S9-422-000-000		P WASHER CUT 12-3.8-0.3
C	S9-679-000-000		P TAP SCREW M2-5
D	S9-999-180-090		TAP SCREW M2-4.5
E	S9-922-000-000		AZIMUTH SCREW M2-8
F	S9-115-000-000		+ BIND SCREW M2-3
G	S9-004-000-000		SCREW M2-6
H	S9-882-000-000		P WASHER 2-3.5-0.4
I	S9-999-200-410		P TAP SCREW M2-3
J	S9-999-030-130		P WASHER CUT 1.45-3.8-0.
K	S9-179-000-000		C TAP SCREW M2-3
L	S9-999-000-030		P WASHER2.1-4-0.13

TAPE MECHANISM EXPLODED VIEW 2 / 2



TAPE MECHANISM PARTS LIST 2 ／ 2

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	S1-921-030-4A0		HEAD BASE
2	S1-821-030-070		AZIMUTH SPRING
3	S1-921-030-030		PANEL P SPRING
4	S1-921-260-050		GEAR PLATE SPRING
5	S1-921-265-020		GEAR PLATE ASSY
6	S1-921-140-370		P ARM COLLER
7	S1-921-140-340		P ARM
8	S1-921-030-110		HEAD PANEL
9	S1-921-143-010		BASE ASSY
10	S1-921-141-8A0		M CONTROL SPRING
11	S1-921-260-4A0		SENSING LEVER
12	S1-921-043-090		PINCH ROLLER ARM ASY
13	S1-921-130-020		EJECT SLIDE LEVER
14	S1-921-141-3A0		P CONTROL SPRING
15	S1-921-140-820		PAUSE LEVER(F)
16	S1-921-140-120		PAUSE LEVER SPRING
17	S1-921-140-110		PAUSE STOPPER
18	S1-921-140-150		BUTTON LEVER SPRING(B)
19	S1-821-011-590		E KICK LEVER
20	S1-921-140-140		BUTTON LEVER SPRING(A)
21	S1-921-140-200		PR STOPPER
22	S1-921-140-090		SWITCH ACTUATOR
23	S1-921-140-080		PUSH BUTTON ACTUATOR
24	S1-921-140-230		PLAY BUTTON LEVER
25	S1-821-120-020		MOTOR COLLER SCREW
26	S1-921-140-240		REW BUTTON LEVER
27	S1-921-140-250		FF BUTTON LEVER
28	S1-921-140-260		STOP BUTTON LEVER
29	S1-921-140-610		PAUSE BUTTON LEVER
30	S1-821-100-700		FF GEAR
31	S1-921-050-060		SENSER
32	S1-921-053-030		TAKE UP REEL ASSY
33	S1-829-100-010		PACK SPRING
34	S1-921-053-040		SUPPLY REEL ASSY
35	S1-829-100-100		BACK TENSION SPRING
36	S1-821-120-650		COLLER B
37	S1-921-140-170		P.S.LEVER SPRING
38	S1-921-073-080		RF CLUTCH ASSY
39	S1-921-070-030		RF BELT
40	S1-921-260-020		CAM GEAR
41	S1-921-140-160		E ACTUATOR SPRING
42	S1-921-093-040		FLYWHEEL ASSY
43	S1-921-090-240		MAIN BELT
44	S1-820-130-060		MOTOR RUBBER
45	S1-921-120-130		MOTOR PULLEY
46	S6-002-020-220		MOTOR EG530YD-9BH
47	S1-821-120-680		P KICK LEVER (A)
48	S1-821-120-230		PK COLLER SCREW A
49	S1-821-120-250		P KICK LEVER SPRING
50	S1-921-120-110		MOTOR BRACKET
51	S1-921-120-090		P KICK LEVER
52	S6-202-010-750		P HEAD MS15R-AA2N1
53	S6-401-011-520		LEAF SW MSW-1541F
54	S0-011-150-000		SW,LEAF LSA1115RK1
55	S1-821-010-500		PLAY BUTTON LEVER SPRING
A	S9-P33-200-320		DEL TITE SCREWM2-3
B	S9-180-000-000		C TAP SCREW M2-4
C	S9-679-000-000		P TAP SCREW M2-5
D	S9-999-180-090		TAP SCREW M2-4.5
E	S9-004-000-000		SCREW M2-6
F	S9-115-000-000		+ BIND SCREW M2-3
G	S9-922-000-000		AZIMUTH SCREW M2-8
H	S9-182-000-000		C TAP SCREW M2-6
I	S9-422-000-000		P WASHER CUT 12-3.8-0.3
J	S9-999-030-130		P WASHER CUT 1.45-3.8-0.
K	S9-882-000-000		P WASHER 2-3.5-0.4
L	S9-999-000-030		P WASHER2.1-4-0.13
M	S9-999-200-410		P TAP SCREW M2-3

REFERENCE NAME LIST

ELECTRICAL SECTION

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

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
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