

TCS-600DV

SERVICE MANUAL

*AEP Model
E Model*

Ver. 1.1 2008.12



Model Name Using Similar Mechanism	New
Tape Transport Mechanism Type	MT-600-175

SPECIFICATIONS

Recording system

4-track 2 channels stereo

Tape speed

4.8 cm/s or 2.4 cm/s

Frequency range

250 - 8 000 Hz using normal (TYPE I) cassette (with REC TIME/PLAY MODE switch at "NORMAL")

Speaker

Approx. 3.6 cm (1 ⁷/₁₆ in.) dia. x 2

Power output

450 mW + 450 mW (at 10 % harmonic distortion)

Input

Microphone input jack (minijack)

sensitivity 0.2 mV for 3 k Ω or lower impedance microphone

Output

$\odot$ (headphones) jack (minijack) for

8 - 300 Ω headphones or earphones

Variable range of the tape speed

From approx. +40% to -50% (with REC TIME/PLAY MODE switch at "NORMAL")

Power requirements

• 3 V DC, batteries R6 (AA) x 2

• External DC 3 V power sources

Dimensions (w/h/d) (incl. projecting parts and controls)

Approx. 87.6 x 113.0 x 37.8 mm

(3 ¹/₂ x 4 ¹/₂ x 1 ¹/₂ in.)

Mass (main unit only)

Approx. 215 g (7.6 oz.)

Design and specifications are subject to change without notice.

CASSETTE-CORDER

SONY®

9-877-110-02

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Sony Corporation

Audio&Video Business Group

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Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

SECTION 1
GENERAL

This section is extracted from instruction manual.

A detailed line drawing of the TCS-600DV cassette player from a front-three-quarter perspective. Various controls and components are labeled with leader lines: MIC (top left), VOL (top left), REC (top left, with a dot icon), STOP (top left, with a square icon), PLAY (top left, with a right-pointing triangle icon), REW/REVIEW (top left, with a left-pointing triangle icon), FF/CUE (top left, with a right-pointing triangle icon), DIR (top left, with a double-headed arrow icon), PAUSE (top left, with a vertical bar icon), TAPE COUNTER (top right), REC lamp (top right), Flat Mic (middle right), REC TIME/PLAY MODE (middle right), VOR (middle right), and BATT, lamps (bottom right).

A line drawing of the TCS-600DV cassette player from a side perspective. Two components are labeled: SPEED CONTROL (a slider on the top right) and DPC (a switch on the front panel).

SECTION 2
SERVICING NOTES

In this set, the S301 (POWER) detects REC/PLAYBACK on. It is mounted on the MAIN board, and therefore the REC/PLAYBACK on cannot be detected with the MAIN board removed. When making an operation check and voltage check of mechanical deck with the MAIN board removed, fix the S301 at turn on.

Also, soldering the lands SL301 bridge makes S301 to turn on.

–MAIN BOARD (side A) –

–MAIN BOARD (side B) –

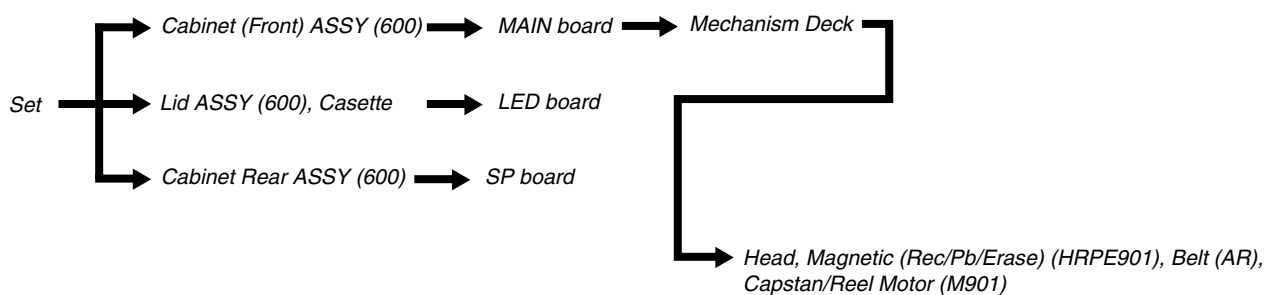
A line drawing of the MAIN BOARD (side A). A component labeled S301 is shown with a switch symbol and the text "ON" next to it, indicating its position for power detection.

A line drawing of the MAIN BOARD (side B). A component labeled SL301 is shown, which is a bridge component used for power detection.

2

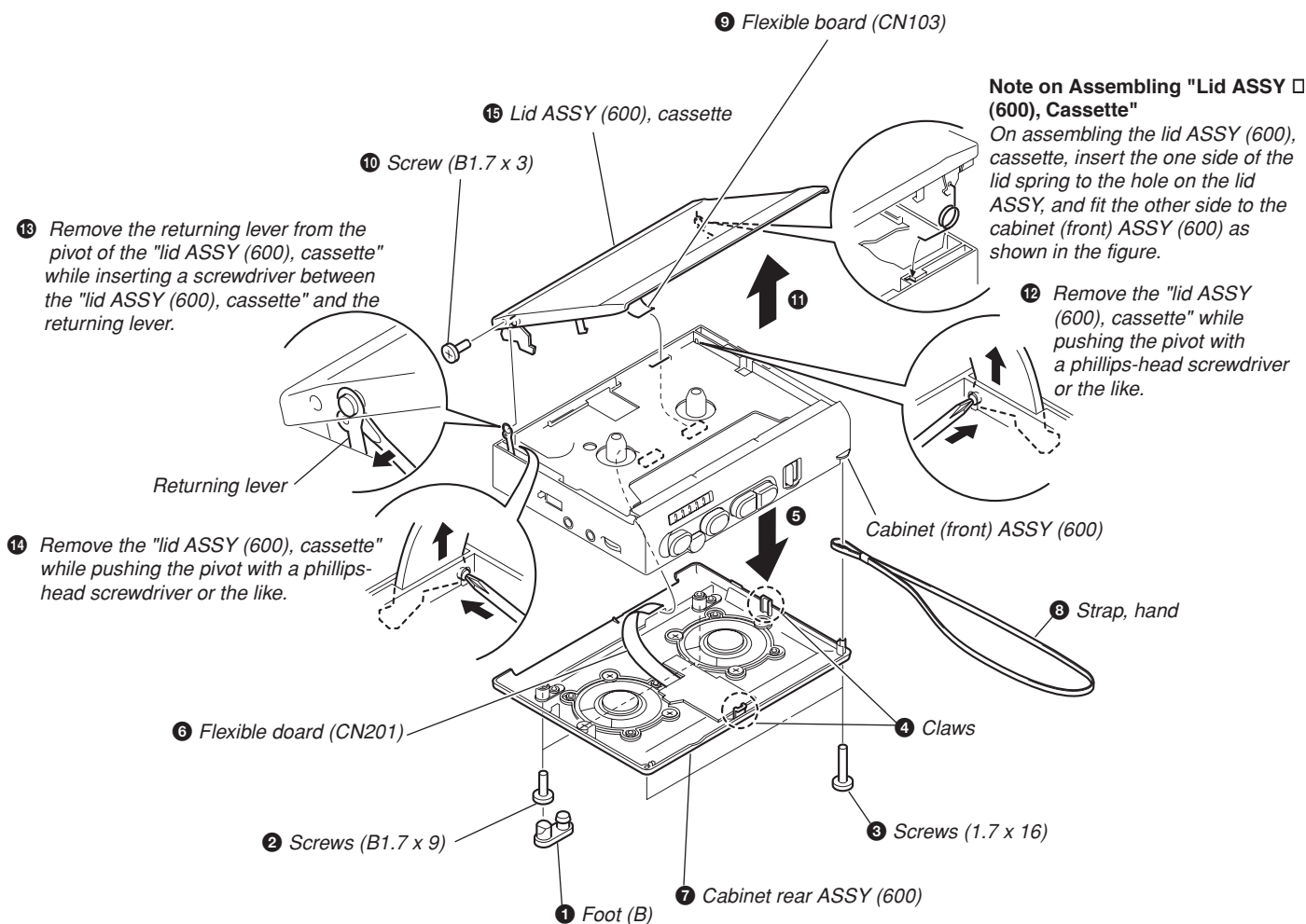
SECTION 3 DISASSEMBLY

- This set can be disassembled in the order shown below.

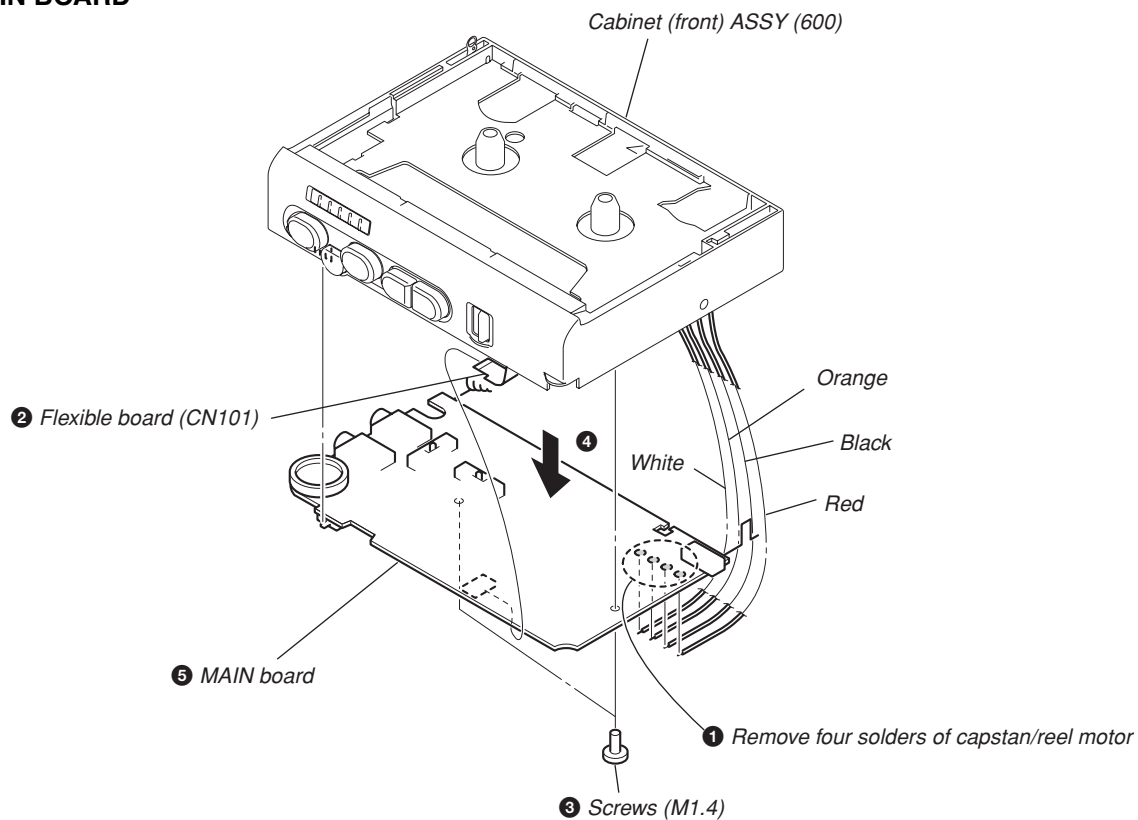


Note: Follow the disassembly procedure in the numerical order given.

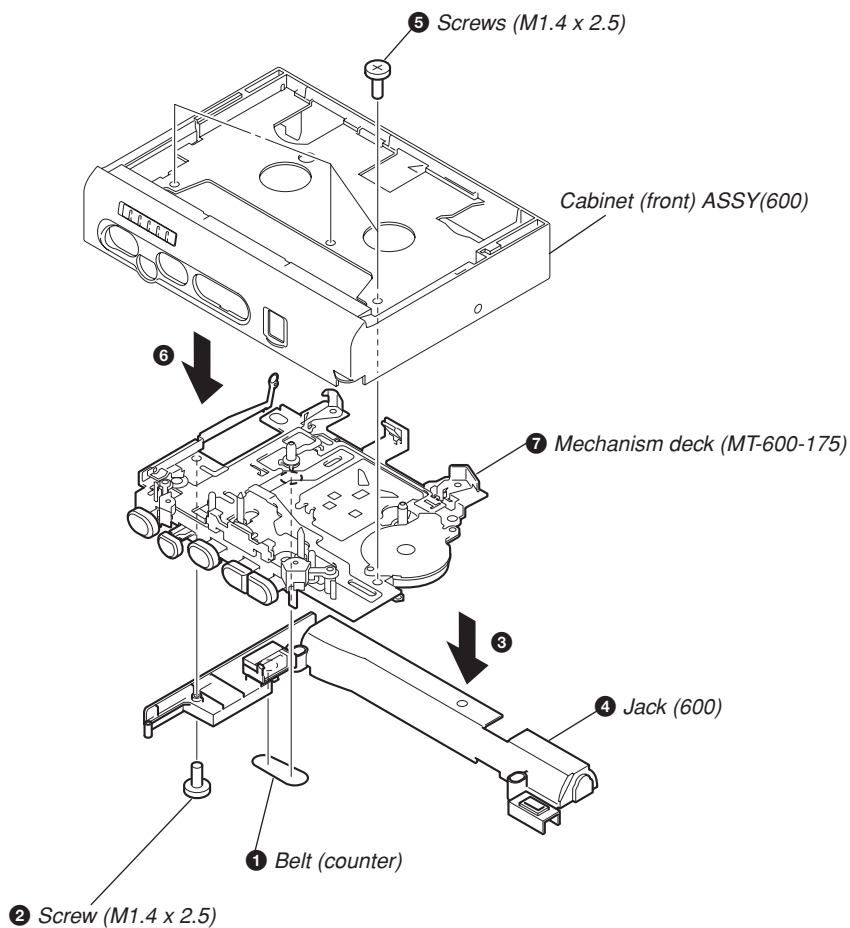
3-1.CABINET REAR ASSY (600), "LID ASSY (600), CASSETTE"



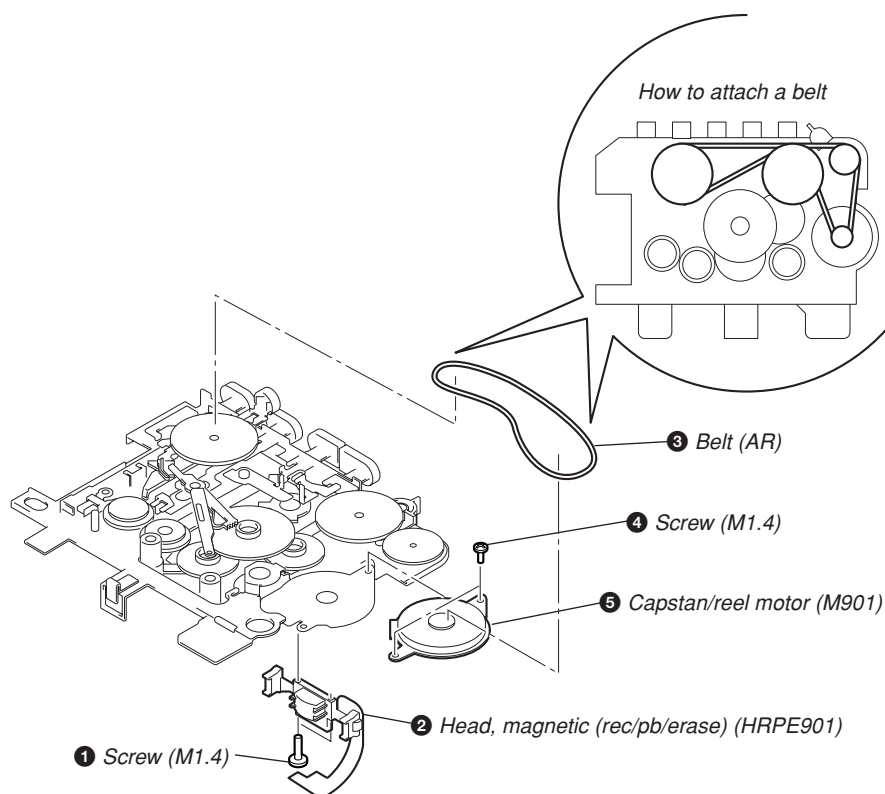
3-2. MAIN BOARD



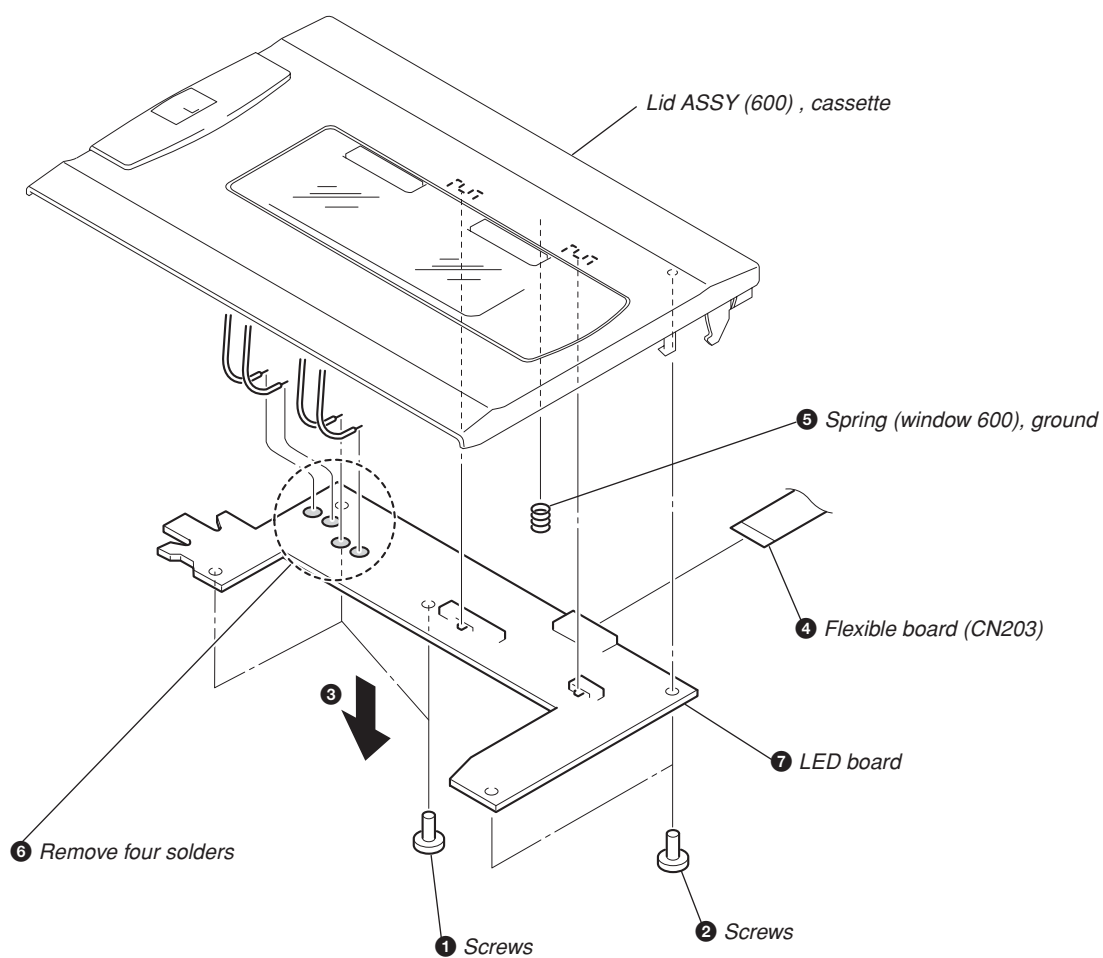
3-3. MECHANISM DECK



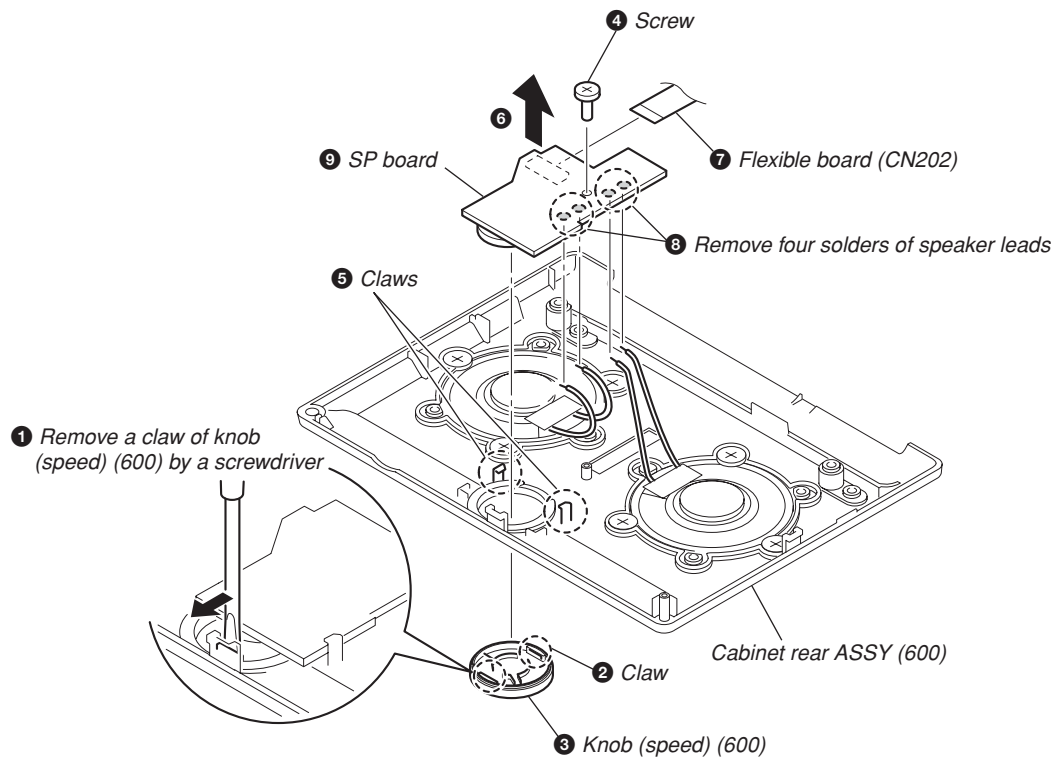
3-4.HEAD, MAGNETIC (REC/PB/ERASE) (HRPE901), BELT (AR), CAPSTAN/REEL MOTOR (M901)



3-5.LED BOARD



3-6. SP BOARD



SECTION 4 MECHANICAL ADJUSTMENTS

- Clean the following parts with a denatured-alcohol-moistened swab:
 record/playback/erase head pinch roller
 capstan rubber belt
- Demagnetize the record/playback/erase head with a head demagnetizer.
- Do not use a magnetized screwdriver for the adjustments.
- The adjustments should be performed with the rated power supply voltage (3 V) unless otherwise noted.

Torque Measurement

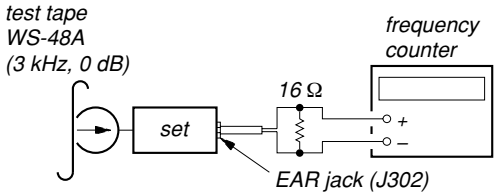
Mode	Torque Meter	Meter Reading
FWD	CQ-102C	1.97 – 3.92mN•m (20 – 40 g•cm) (0.28 – 0.55 oz•inch)
FWD Back Tension		0.05 – 0.49 mN•m (0.5– 5 g•cm) (0.007 – 0.069 oz•inch)
REV		
REV Back Tension		
FF, REW	CQ-201B	more than 4.91 mN•m (more than 50 g•cm) (more than 0.69 oz•inch)

Tape Tension Measurement

Mode	Tension Meter	Meter Reading
FWD	CQ-403A	more than 50 g (more than 1.76 oz)

Tape Speed Adjustment

Mode: playback



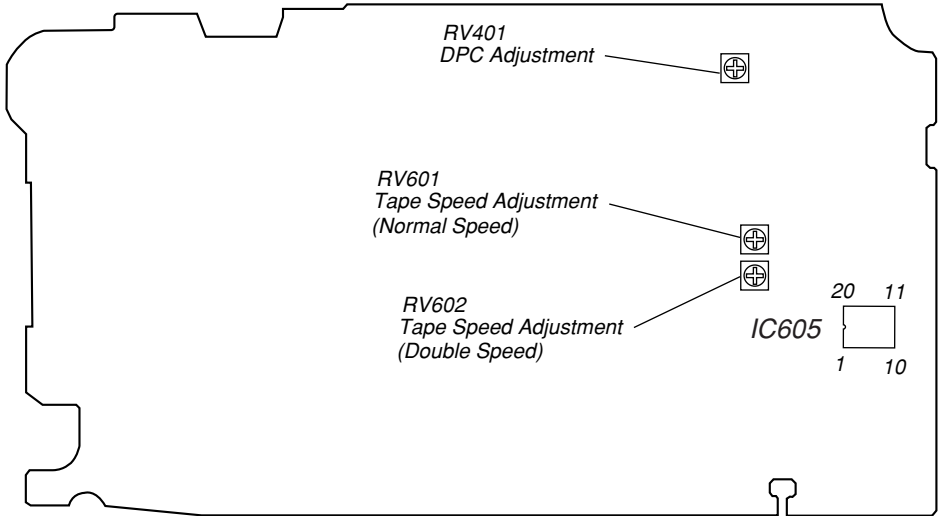
Procedure:

- Set [DPC] switch (S401) off and [REC TIME] switch (S601) to NORMAL (4.8 cm/s) position, and playback the tape (WS-48A) .
- Adjust RV601 so that frequency counter reading becomes 3,010 Hz.
- Set [REC TIME] switch (S601) to DOUBLE (2.4 cm/s) position.
- Playback the tape from the beginning for two minutes, then adjust RV602 so that frequency counter reading becomes 1,505 Hz.

Confirm that deflection of the frequency counter reading between the beginning and the end of tape is within 2% (NORMAL: approx. 60 Hz, DOUBLE: approx. 30 Hz) .

Adjustment Location:

– MAIN BOARD (Conductor Side) –



Setting:

- Supplied voltage: 3 V (DC)
- Switch and control position
 VOL control (RV301) : mechanical center
 REC SPEED switch (S601) : normal (4.8cm/s)
 PAUSE switch (S307) : OFF
 SPEED CONTROL (RV604) : center click
 VOR switch (S501) : OFF

Regulation Level

input level	Mic	–60dBs
output level	earphone	16kΩ, –22.4dBs

Test Tape

Type	Signal	Used for
WS-48A	3 kHz, 0 dB	tape speed adjustment

0 dB=0.775 V

DPC Adjustment

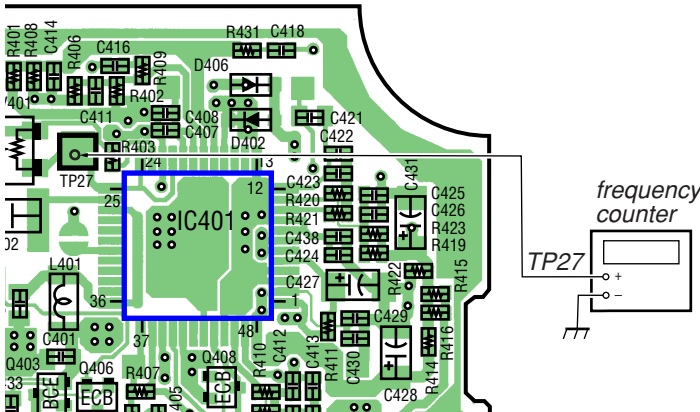
PRECAUTION: Perform this adjustment before tape speed adjustment.

setting:

DPC switch (S401) : ON
 Tape speed : Normal (4.8cm/s)
 Mode : Play

Adjustment Location:

– MAIN BOARD (Conductor Side) –

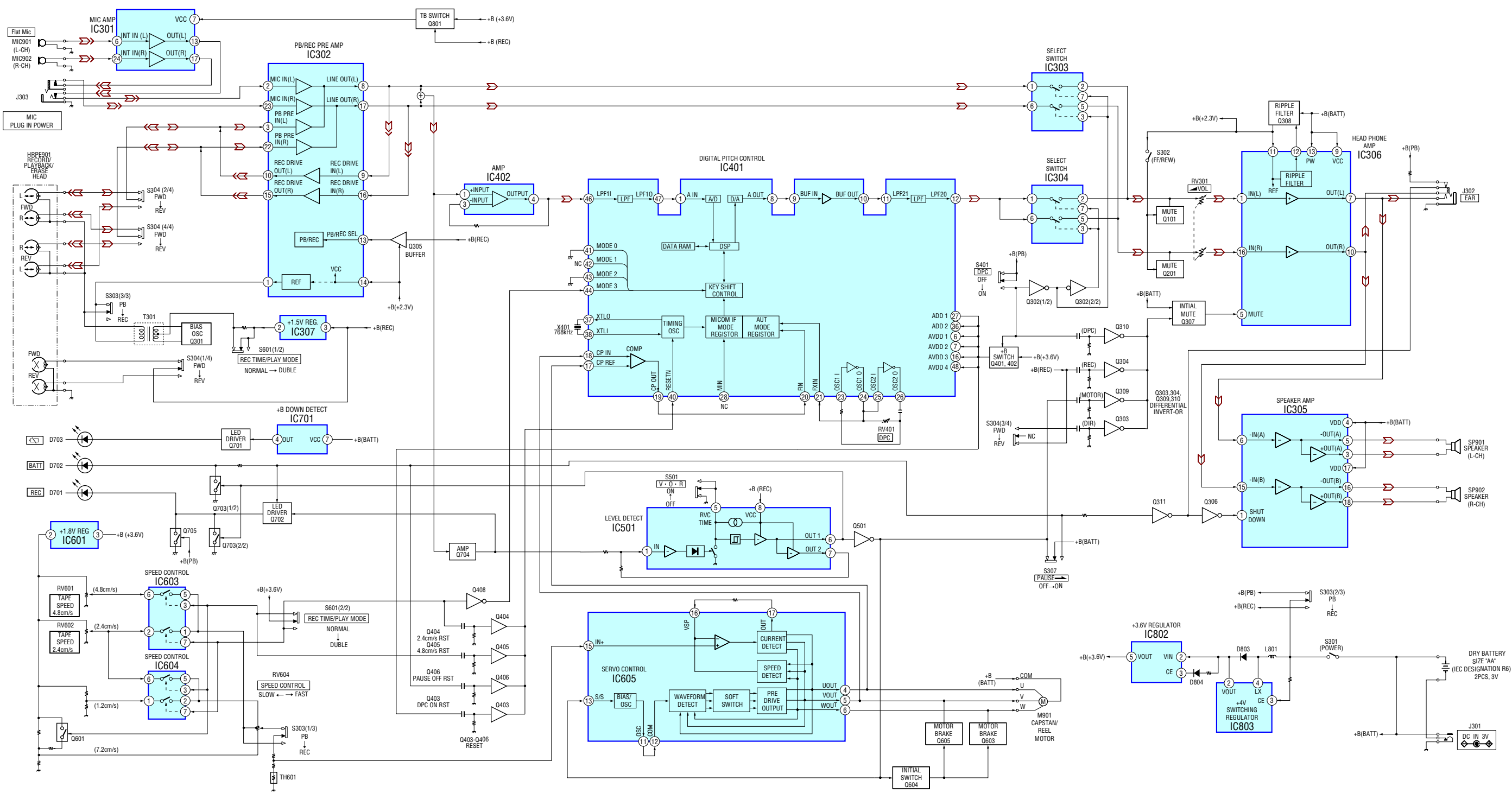


Procedure:

- Connect the frequency counter to the test point TP27 on the MAIN board.
- Adjust RV401 so that frequency counter reading becomes 230 Hz.
 Standard value : 227 ~ 233Hz

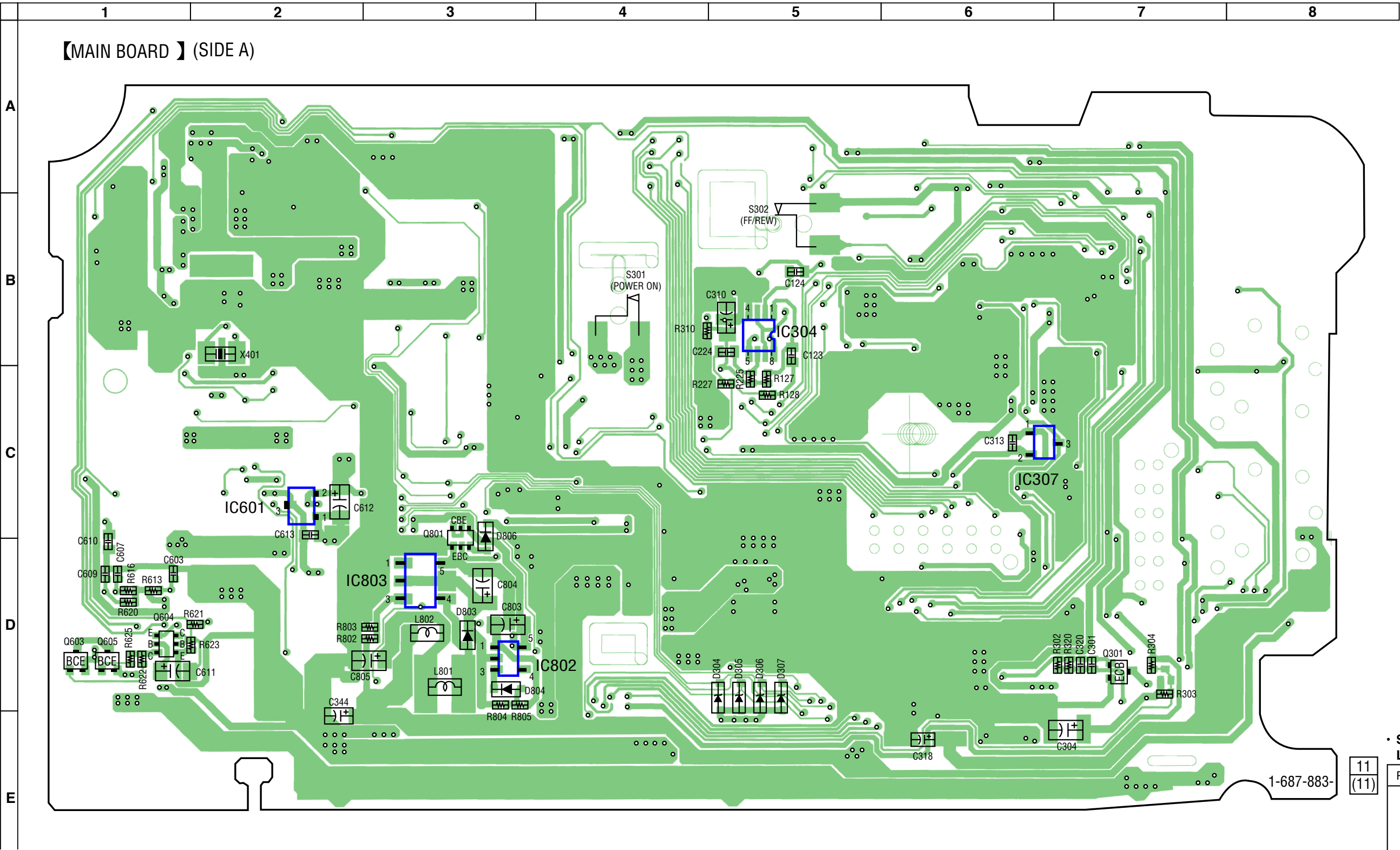
SECTION 6
DIAGRAMS

6-1. BLOCK DIAGRAMS



• Signal path.
: PB
: REC

6-2. PRINTED WIRING BOARD –MAIN BOARD (SIDE A)– • See page 15 for Notes.



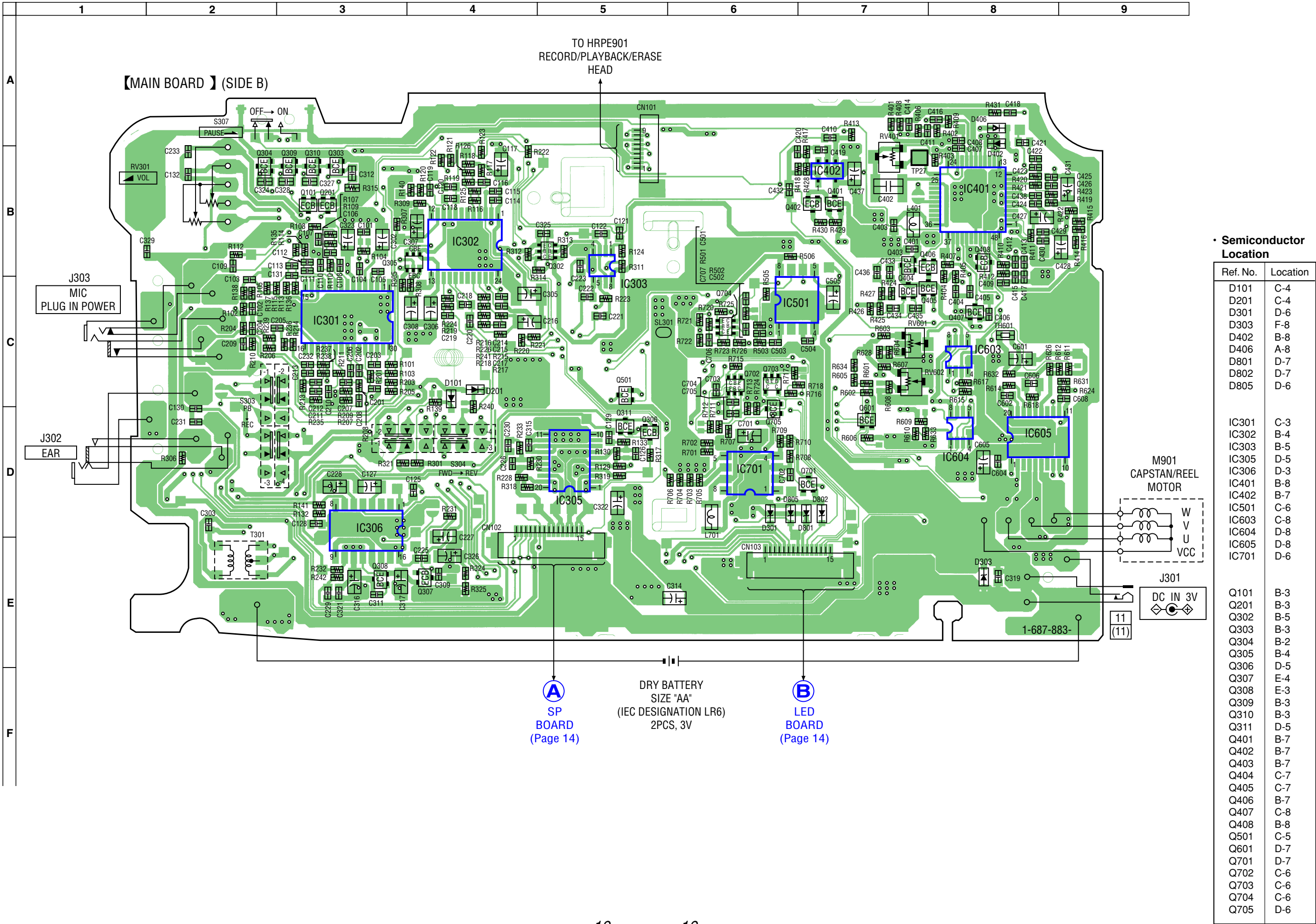
• Semiconductor Location

Ref. No.	Location
D304	D-5
D305	D-5
D306	D-5
D307	D-5
D803	D-3
D804	D-3
D806	C-3
IC304	B-5
IC307	C-6
IC601	C-2
IC802	D-3
IC803	D-3
Q301	D-7
Q603	D-1
Q604	D-1
Q605	D-1
Q801	C-3

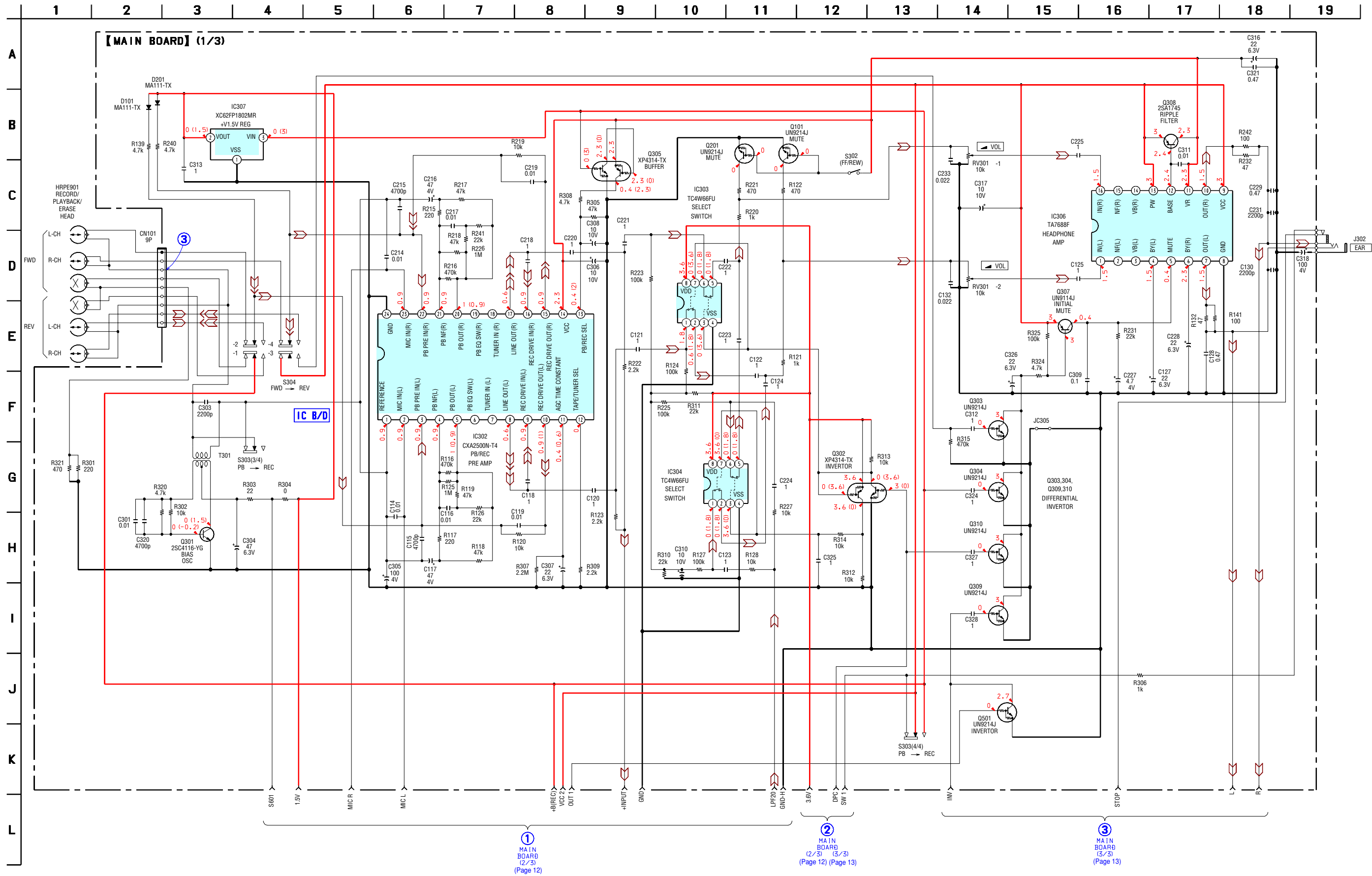
1-687-883-

11
(11)

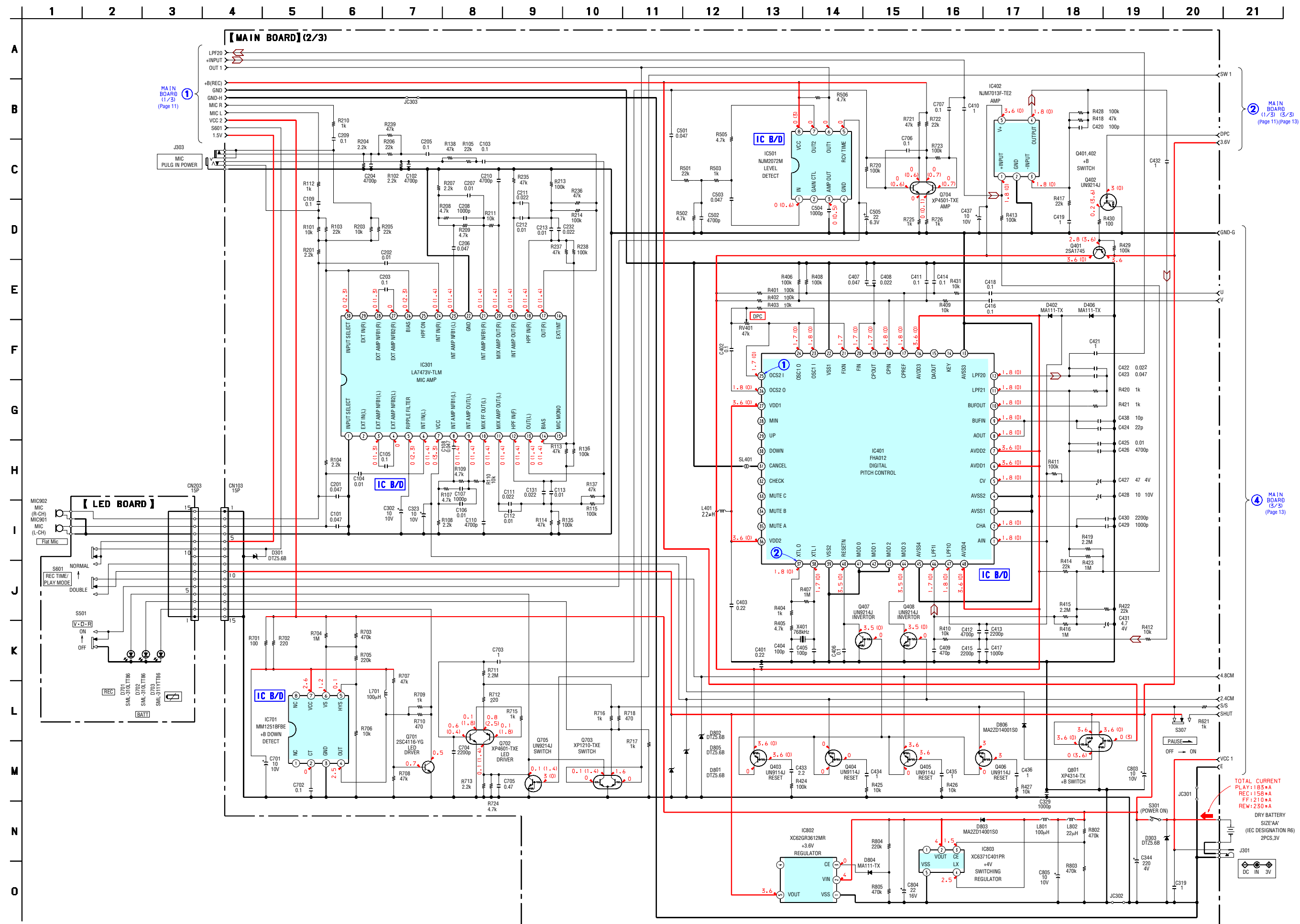
6-3. PRINTED WIRING BOARD –MAIN BOARD (SIDE B)– • See page 15 for Notes.



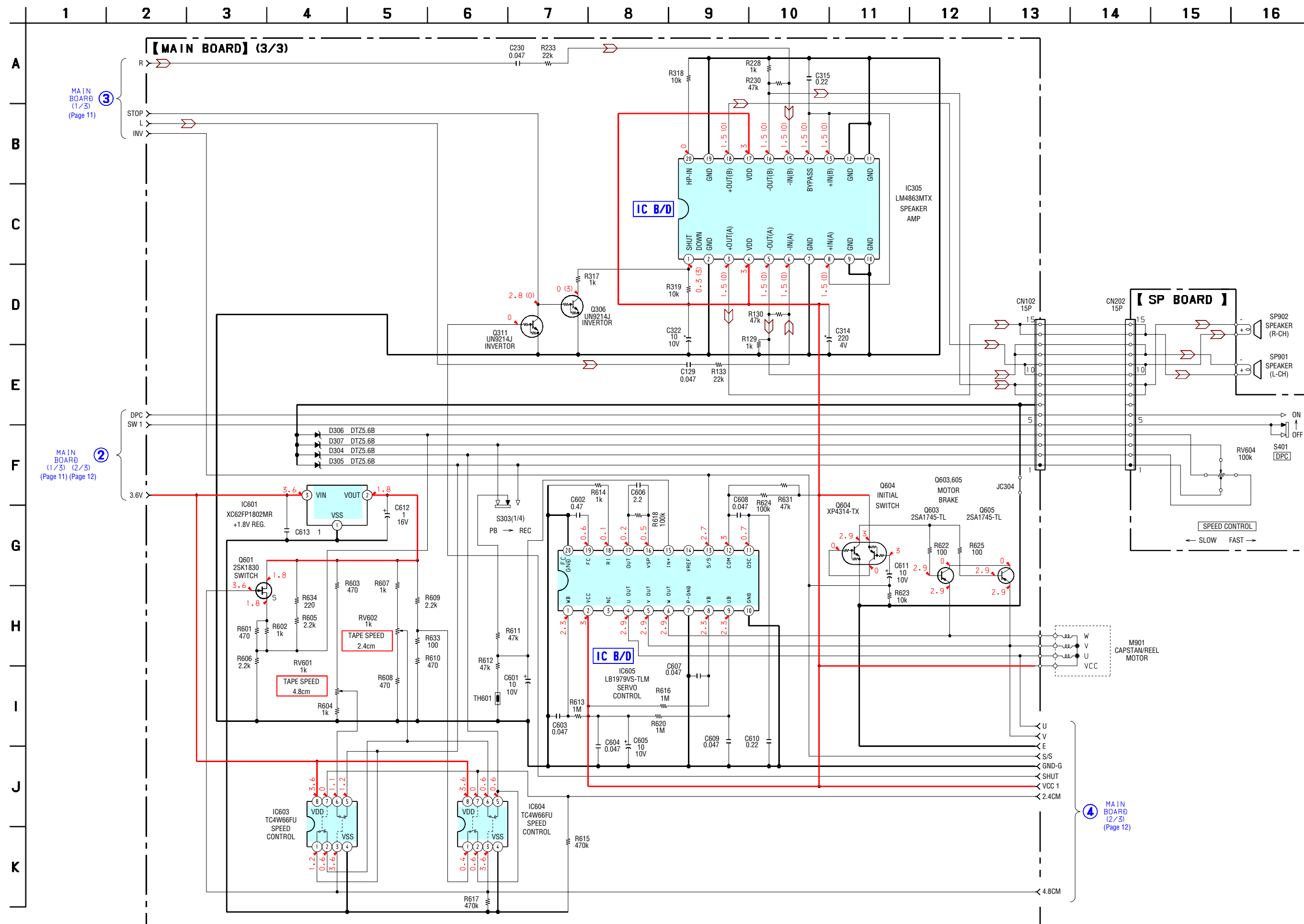
6-4. SCHEMATIC DIAGRAM –MAIN BOARD (1/3)– • See page 15 for Notes.



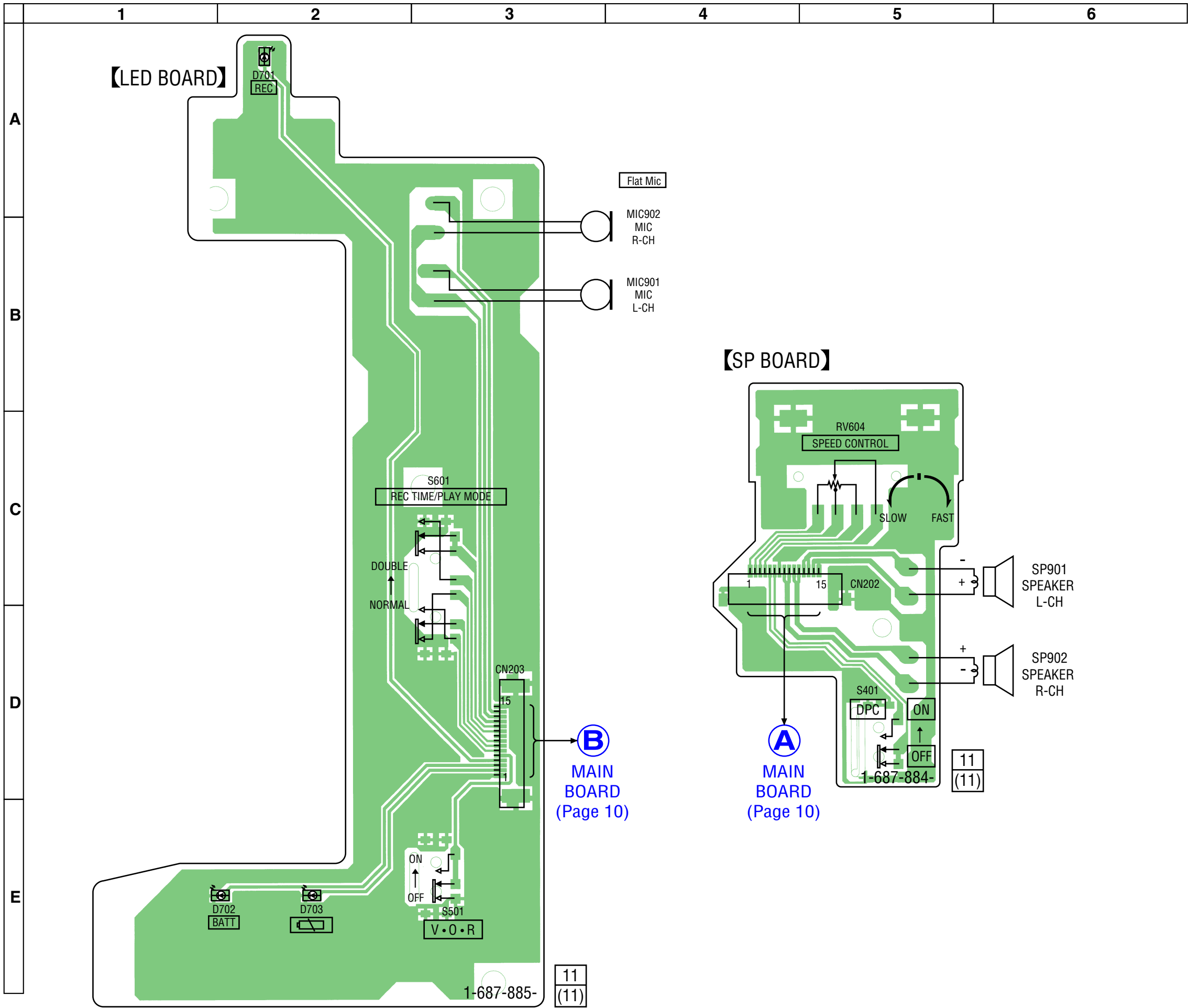
6-5. SCHEMATIC DIAGRAM –MAIN BOARD (2/3)– • See page 15 for Notes.



6-6. SCHEMATIC DIAGRAM –MAIN BOARD (3/3)– • See page 15 for Notes.



6-7. PRINTED WIRING BOARD –LED, SP BOARD – • See page 15 for Notes.



• Semiconductor Location

Ref. No.	Location
D701	A-2
D702	E-2
D703	E-2

Note on schematic diagrams

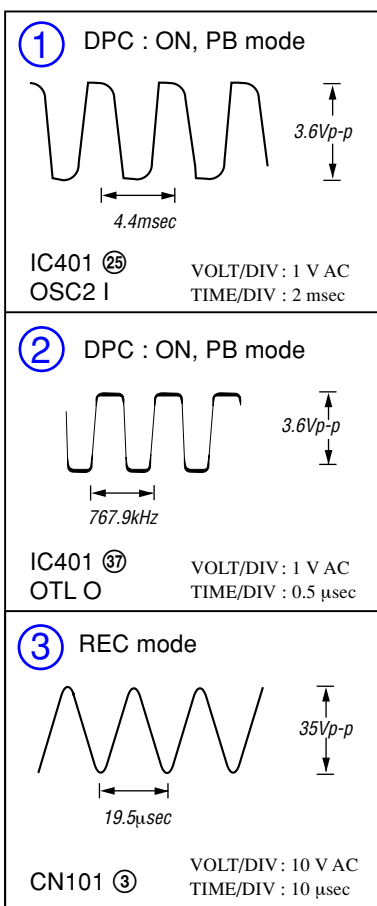
- All capacitors are in μF unless otherwise noted. pF: μF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{ W}$ or less unless otherwise specified.
- — : B+ Line.
- □ : adjustment for repair.
- Power voltage is dc 3V and fed with regulated dc power supply from battery terminal .
- Voltages are dc with respect to ground under no-signal conditions.
- no mark : PLAY
() : REC
- Voltages are taken with a VOM (Input impedance 10 M Ω).
Voltage variations may be noted due to normal production tolerances.
- Signal path.
Σ : PB
Σ> : REC

Note on Printed Wiring Board

-  : parts extracted from the component side.
-  : Through hole.
-  : Pattern from the side which enables seeing.
(The other layers' patterns are not indicated.)

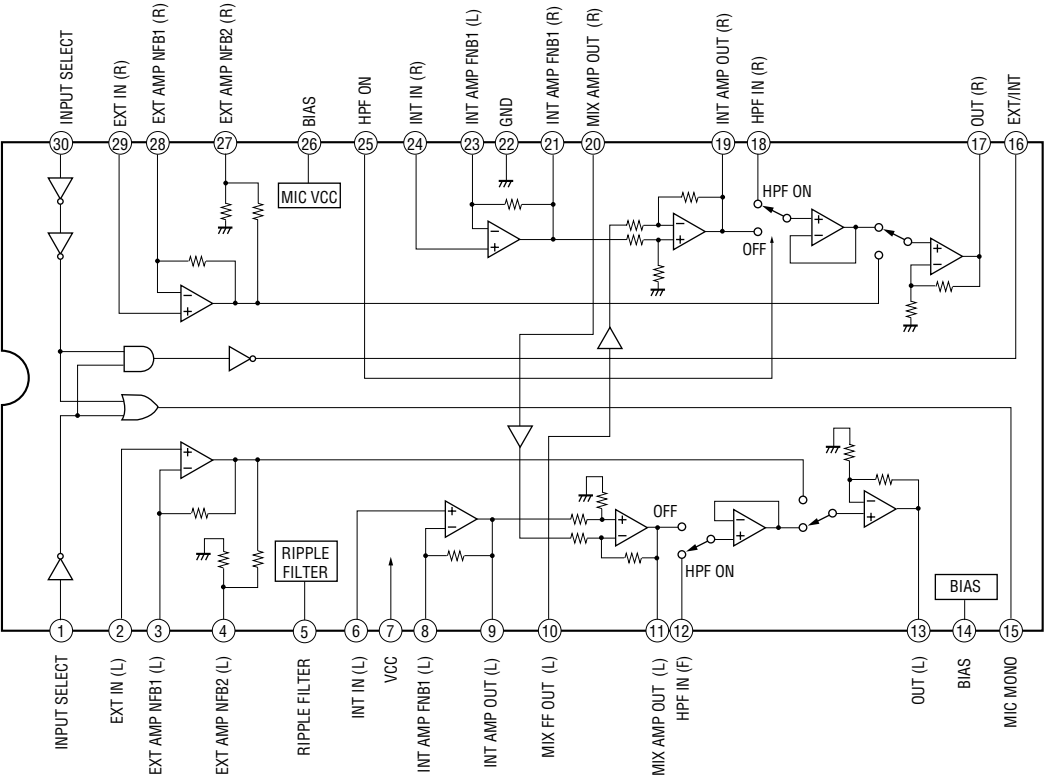
Caution:

Pattern face side: (Side B)	Parts on the pattern face side seen from the pattern face are indicated.
Pattern face side: (Side A)	Parts on the parts face side seen from the parts face are indicated.

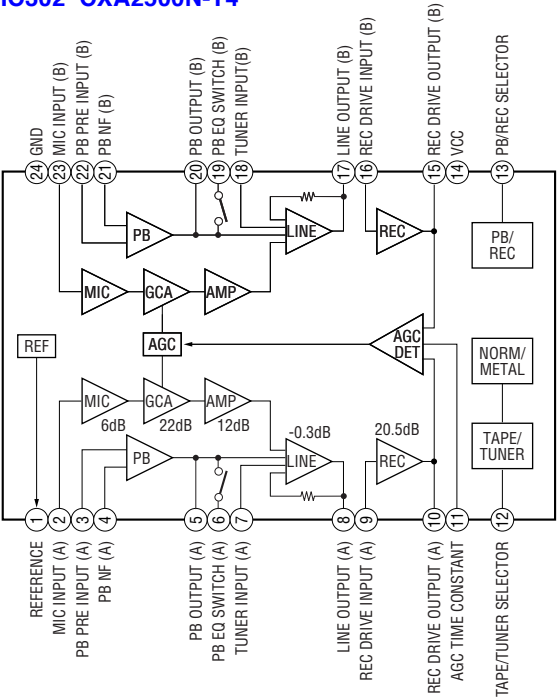
● Waveforms

6-8. IC BLOCK DIAGRAMS

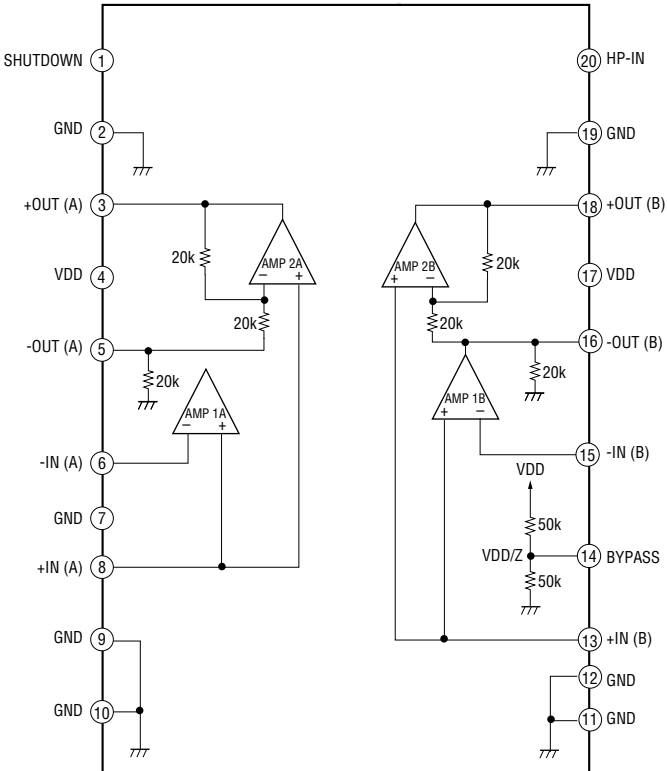
IC301 LA7473V-TLM



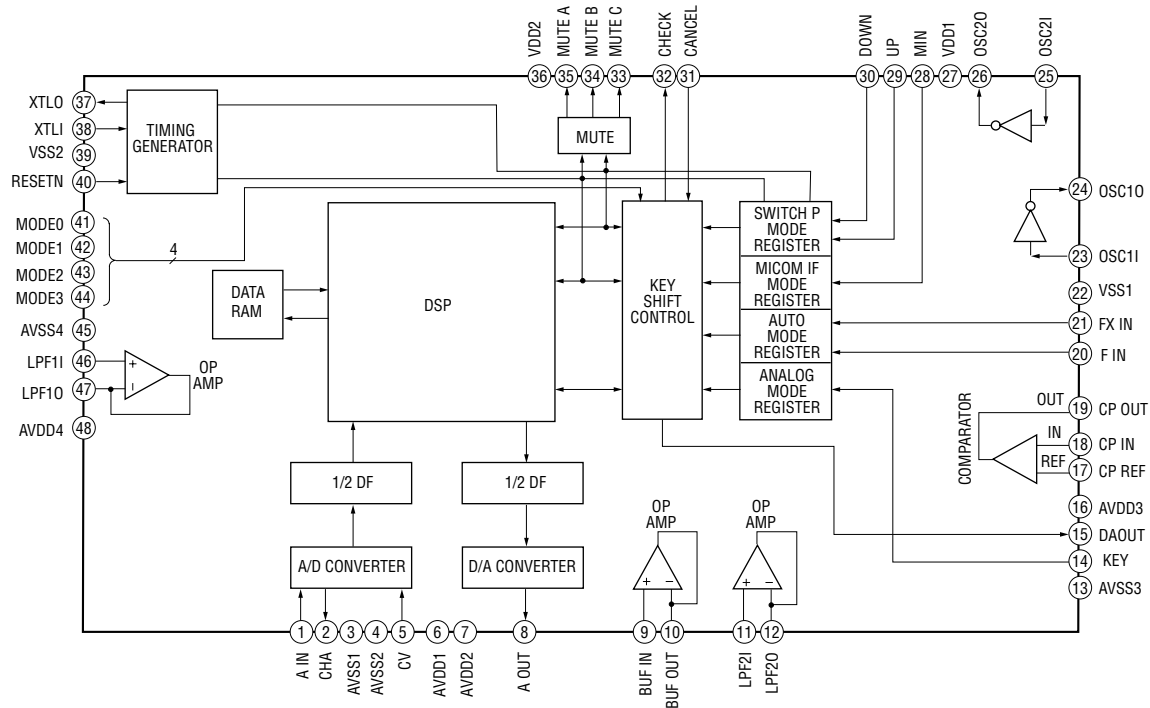
IC302 CXA2500N-T4



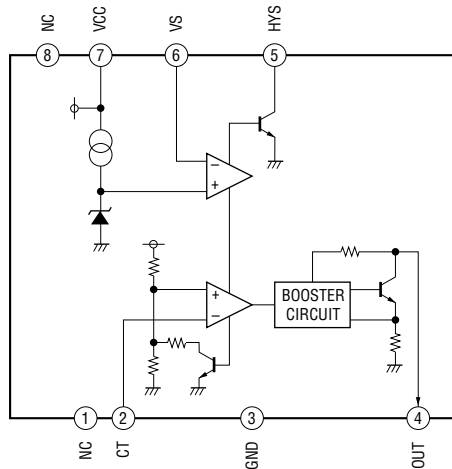
IC305 LM4863MTX



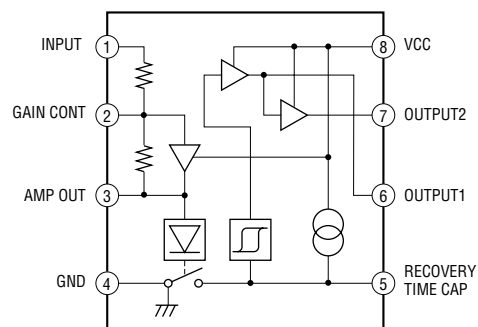
IC401 FHA012



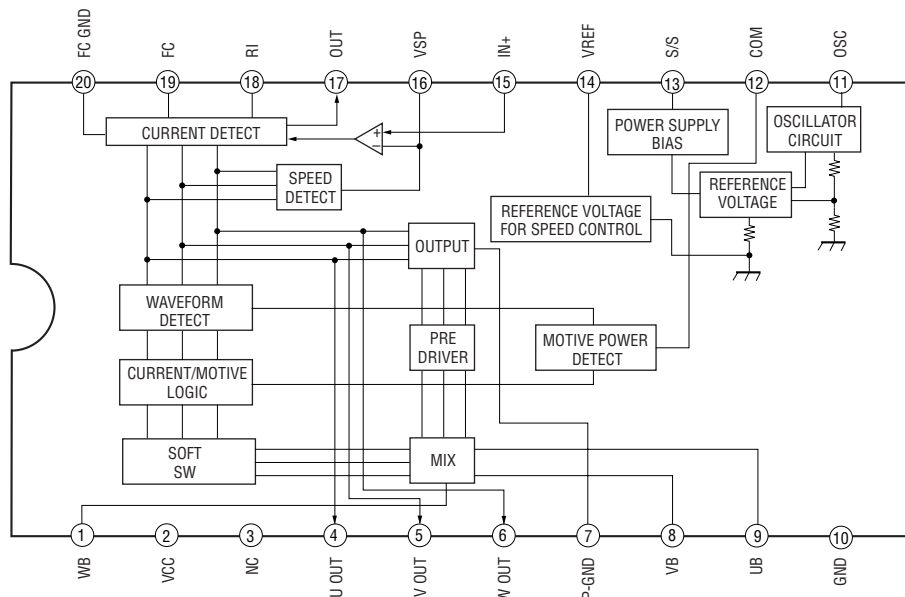
IC701 MM1251BFBE



IC501 NJM2072M (TE2)



IC605 LB1979VS-TLM

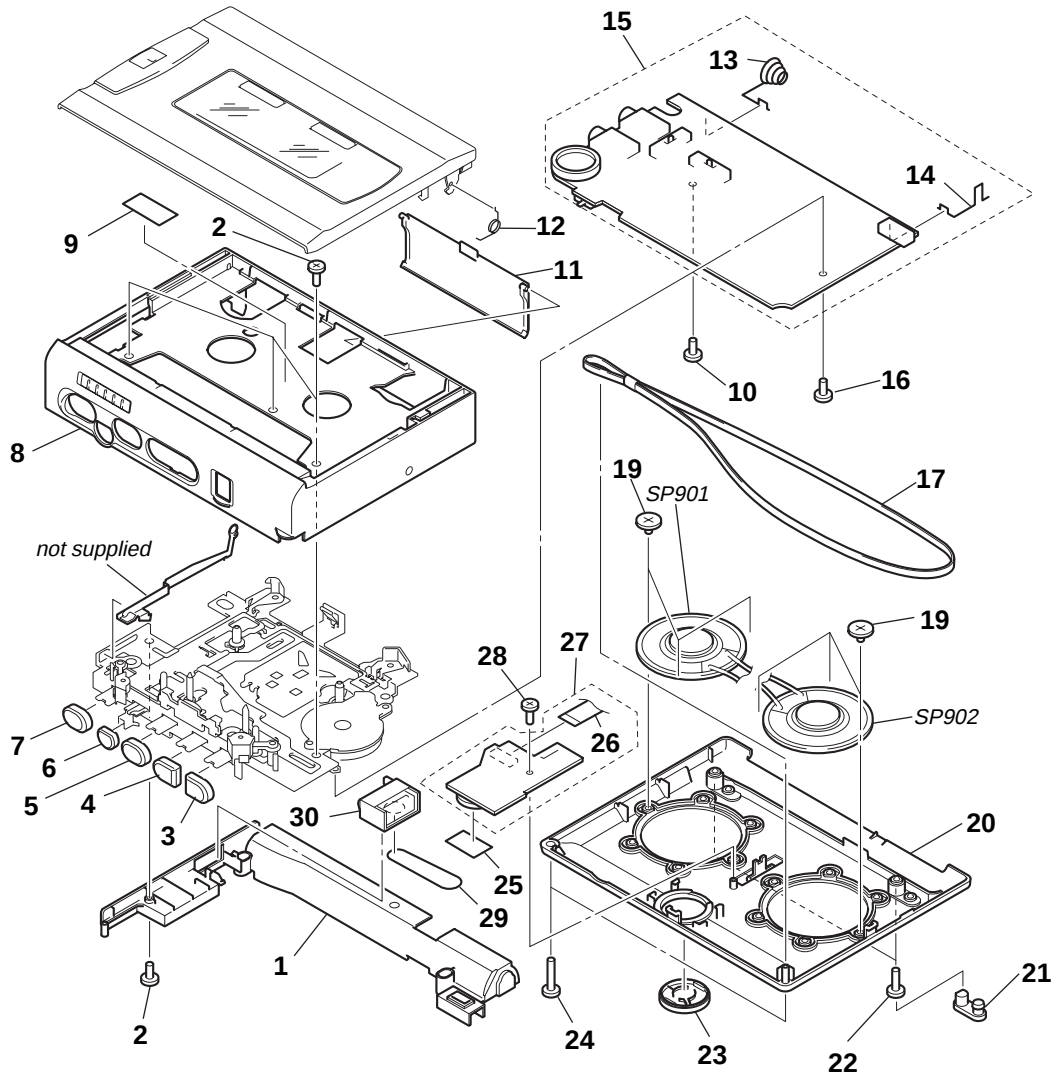


SECTION 7
EXPLODED VIEWS

NOTE:

- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories are given in the last of this parts list.

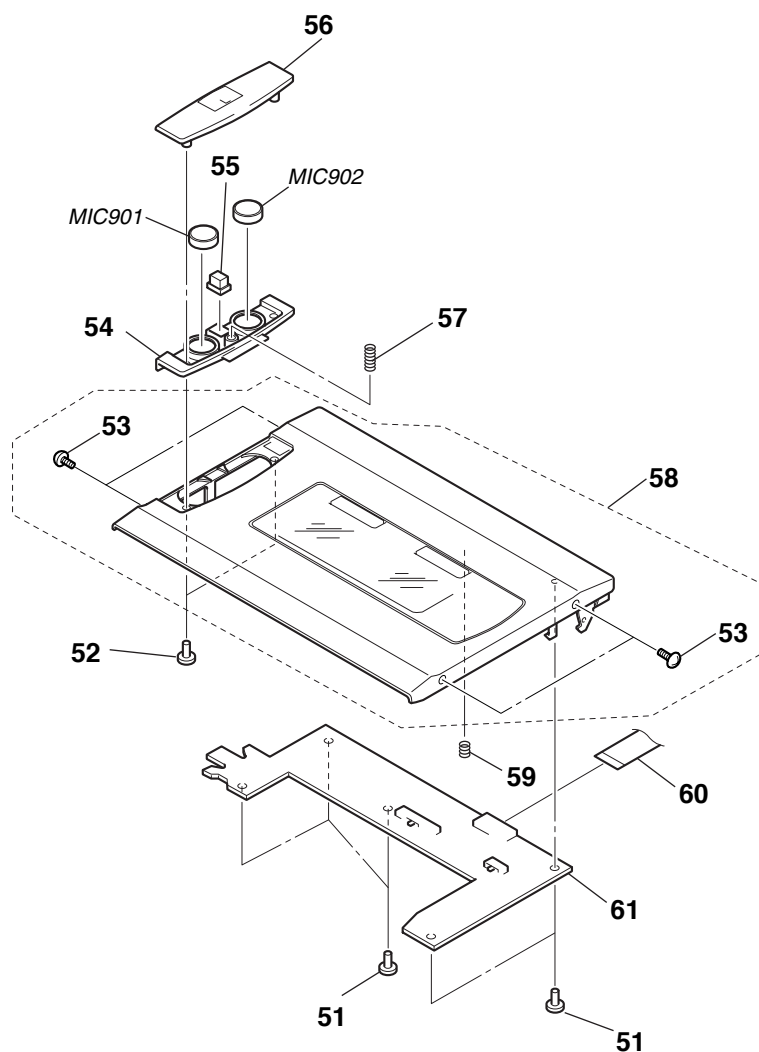
7-1. CABINET SECTION



Ref. No.	Part No.	Description	Remark
1	3-248-424-11	JACK (600)	
2	3-704-197-21	SCREW (M1.4X2.5), SPECIAL HEAD	
3	3-225-570-11	BUTTON (FF)	
4	3-225-571-11	BUTTON (REW)	
5	3-225-568-11	BUTTON (PLAY)	
6	3-225-569-11	BUTTON (STOP)	
7	3-245-736-21	BUTTON (REC)	
8	X-3382-989-1	CABINET (FRONT) ASSY (600)	
9	3-925-231-01	REFLECTOR	
10	3-315-989-11	SCREW, ORNAMENTAL	
11	3-248-418-01	LID, BATTERY	
12	3-248-440-01	SPRING, LID	
13	3-248-439-01	SPRING (-), BATTERY	
14	3-248-438-01	SPRING (+), BATTERY	
* 15	A-3663-930-A	MAIN BOARD, COMPLETE	

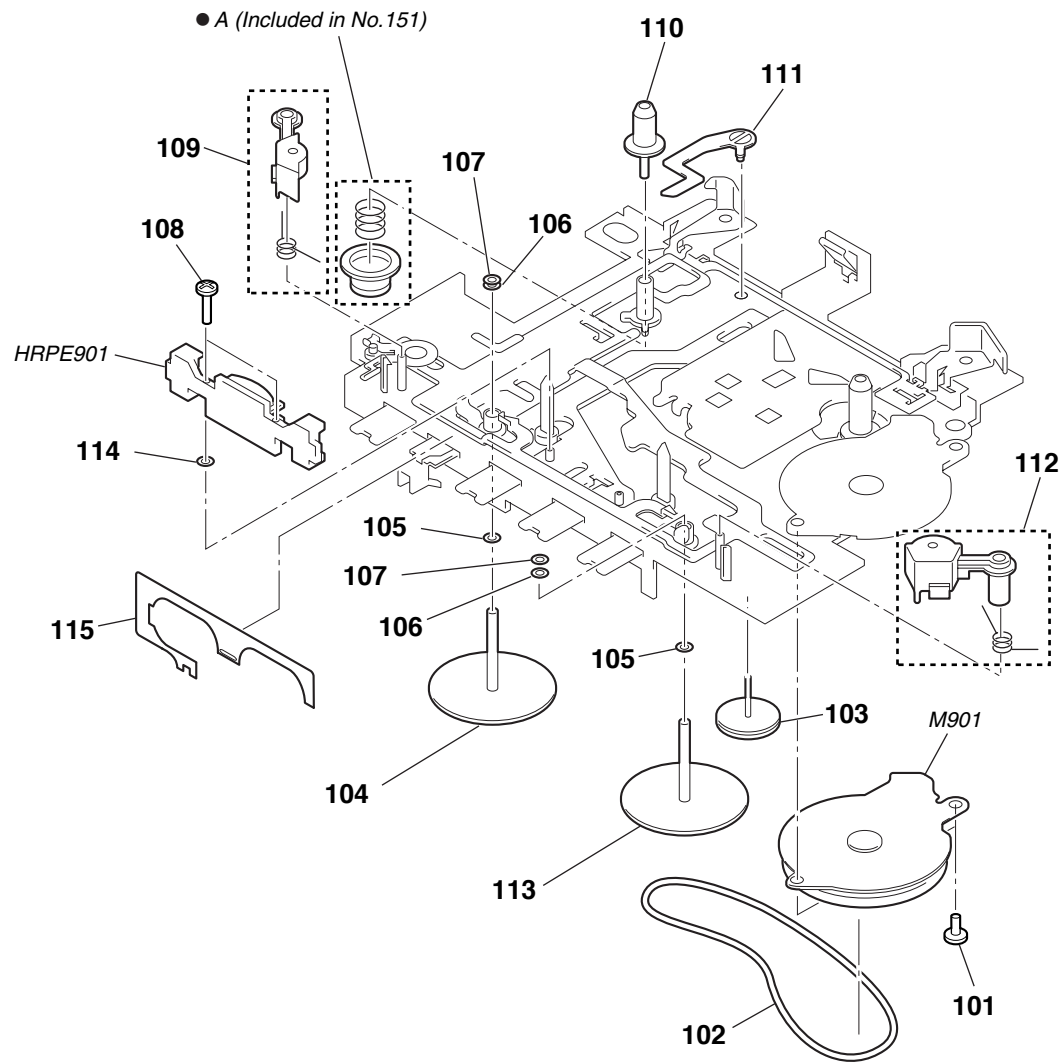
Ref. No.	Part No.	Description	Remark
16	3-345-648-01	SCREW (M1.4X3)	
17	3-328-319-01	STRAP, HAND	
19	3-034-792-11	SCREW, TAPPING (B2.0)	
20	X-3383-512-2	CABINET (REAR) ASSY (600)	
21	3-248-436-11	FOOT (B)	
22	3-318-203-91	SCREW (B1.7X9), TAPPING	
23	3-248-422-01	KNOB (SPEED) (600)	
24	3-035-255-11	SCREW (1.7X16)	
25	3-831-441-99	SPACER, KNOB	
26	1-687-886-11	FLEXIBLE BOARD	
* 27	A-3663-934-A	SP BOARD, COMPLETE	
28	3-375-114-71	SCREW	
29	3-234-858-01	BELT (COUNTER)	
30	1-548-582-11	COUNTER, TAPE (SMALL TYPE)	
SP901	1-825-350-11	SPEAKER (3.6cm) (L-CH)	
SP902	1-825-350-11	SPEAKER (3.6cm) (R-CH)	

7-2. CASSETTE HOLDER SECTION



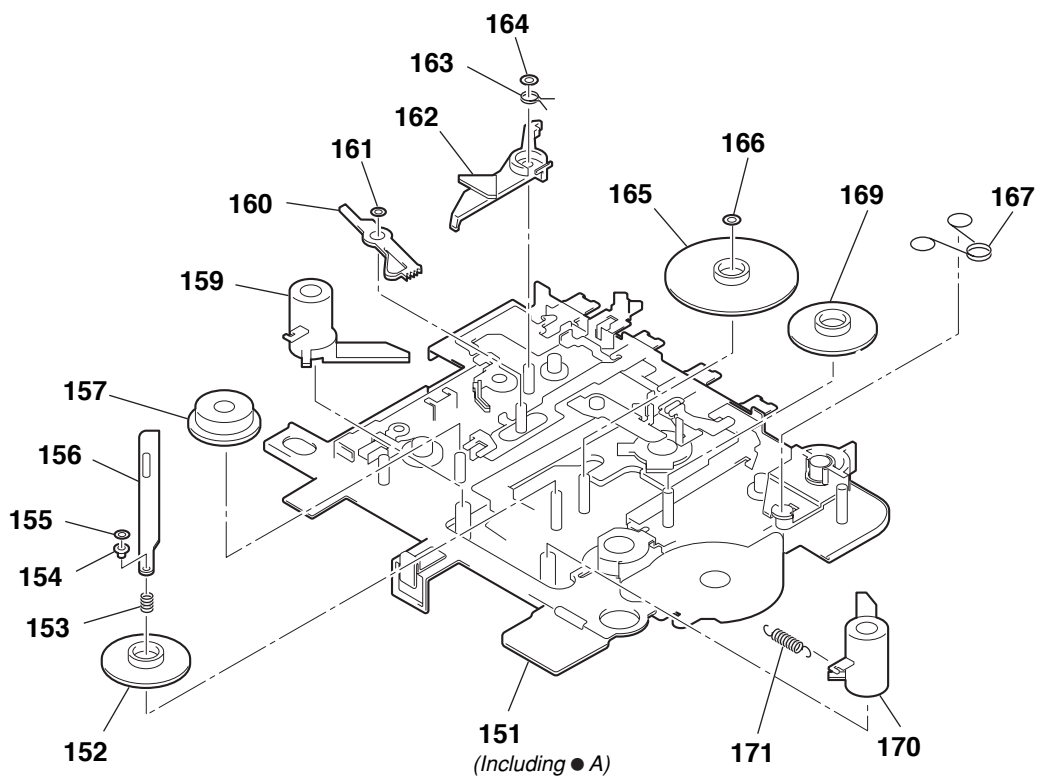
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	3-375-114-71	SCREW		57	3-250-383-01	SPRING (WINDOW 600), GROUND	
52	3-345-648-01	SCREW (M1.4X3)		58	X-3383-513-1	LID ASSY (600), CASSETTE	
53	3-893-942-41	SCREW (1.7X3), TAPPING (B)		59	3-250-382-01	SPRING (600), GROUND	
54	3-248-437-01	CUSHION (600), MICROPHONE		60	1-687-886-11	FLEXIBLE BOARD	
55	3-248-420-01	WINDOW (600), REC (LED)					
56	3-248-419-11	GRILLE (600), MICROPHONE		* 61	A-3663-928-A	LED BOARD, COMPLETE	
				MIC901	1-476-484-31	MICROPHONE UNIT, ELECTRET (L-ch)	
				MIC902	1-476-484-31	MICROPHONE UNIT, ELECTRET (R-CH)	

7-3. SMECHANISM DECK SECTION-1 (MT-600-175)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	3-704-197-01	SCREW (M1.4), SPECIAL HEAD		111	3-225-399-04	LEVER (N SHUT OFF)	
102	3-225-429-01	BELT (AR)		112	X-3379-883-4	PINCH (R) ASSY, ARM	
103	3-225-390-03	PULLEY (REVERSE)		113	X-3379-877-2	FLY ASSY (AR), CAPSTAN	
104	X-3380-830-2	FLY ASSY (AR5.0), CAPSTAN		114	3-350-949-61	SHEET (SYSTEM CONTROL SCREW)	
105	3-386-694-01	WASHER		115	3-234-856-03	LEVER (PAUSE)	
106	3-029-278-01	WASHER		HRPE901	1-500-685-12	HEAD, MAGNETIC (REC/PB/ERASE)	
107	3-029-275-01	WASHER (STOPPER N)		M901	1-763-772-12	MOTOR, DC MOTOR, DC (CAPSTAN/REEL) (INCLUDING PULLEY)	
108	3-042-480-01	SCREW (M1.4)					
109	X-3379-882-3	PINCH (N) ASSY, ARM					
110	3-019-776-03	GEAR (REEL-S)					

7-4. MECHANISM DECK SECTION-2 (MT-600-175)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	X-3382-924-1	CHASSIS ASSY (ARS)		162	3-225-393-03	LEVER (SHUT/OFF)	
152	3-225-385-03	GEAR (B)		163	3-225-448-02	SPRING (SHUT OFF), TORSION	
153	3-229-063-01	SPRING (UD) (R), COMPRESSION		164	3-321-813-71	WASHER, COTTER POLYETHYLENE	
154	3-019-778-03	SLEEVE (MS)		165	X-3379-881-3	CLUTCH ASSY (AR)	
155	3-728-091-01	WASHER, STOPPER		166	3-315-384-31	WASHER, STOPPER	
156	3-225-427-01	WASHER, LEVER		167	3-225-438-01	SPRING (NR SLIDER), TORSION	
157	3-225-384-02	GEAR (A)		169	3-225-388-04	GEAR (D)	
159	3-225-395-04	LEVER (REW ROTARY)		170	3-225-394-04	LEVER (FF ROTARY)	
160	X-3380-677-3	LEVER (E DETECTION) ASSY		171	3-225-444-01	SPRING (FR ROTARY), TENSION	
161	3-229-064-01	WASHER, STOPPER					

SECTION 8 ELECTRICAL PARTS LIST

Note:

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
All resistors are in ohms
METAL: Metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F : nonflammable

- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A..., uPA...: μ PA..., uPB...: μ PB...,
uPC...: μ PC..., uPD...: μ PD...
- CAPACITORS
uF : μ F
- COILS
uH : μ H

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	A-3663-928-A	LED MOUNTED BOARD, COMPLETE *****		C124	1-115-156-11	CERAMIC CHIP 1uF	10V
	1-687-886-11	PWB, FLEXIBLE		C125	1-115-156-11	CERAMIC CHIP 1uF	10V
	< CONNECTOR >			C127	1-119-750-11	TANTAL. CHIP 22uF	20% 6.3V
CN203	1-573-355-11	CONNECTOR, FFC/FPC 15P		C128	1-117-863-11	CERAMIC CHIP 0.47uF	10% 6.3V
	< DIODE >			C129	1-165-176-11	CERAMIC CHIP 0.047uF	10% 16V
D701	8-719-064-07	DIODE SML-310LTT86 (REC)		C130	1-164-939-11	CERAMIC CHIP 0.0022uF	10% 50V
D702	8-719-064-07	DIODE SML-310LTT86 (BATT)		C131	1-107-819-11	CERAMIC CHIP 0.022uF	10% 16V
D703	8-719-060-92	DIODE SML-311YTT86		C132	1-107-819-11	CERAMIC CHIP 0.022uF	10% 16V
	< SWITCH >			C201	1-119-923-81	CERAMIC CHIP 0.047uF	10% 10V
S501	1-572-922-11	SWITCH, SLIDE (V.O.R)		C202	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V
S601	1-571-277-51	SWITCH, SLIDE (REC TIME/PLAY MODE)		C203	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
*****				C204	1-164-941-11	CERAMIC CHIP 0.0047uF	10% 16V
*	A-3663-930-A	MAIN BOARD, COMPLETE *****		C205	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
	3-248-438-01	SPRING (+), BATTERY		C206	1-119-923-81	CERAMIC CHIP 0.047uF	10% 10V
	3-248-439-01	SPRING (-), BATTERY		C207	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V
	< CAPACITOR >			C208	1-164-937-11	CERAMIC CHIP 0.001uF	10% 50V
C101	1-119-923-81	CERAMIC CHIP 0.047uF	10% 10V	C209	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C102	1-164-941-11	CERAMIC CHIP 0.0047uF	10% 16V	C210	1-164-941-11	CERAMIC CHIP 0.0047uF	10% 16V
C103	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C211	1-107-819-11	CERAMIC CHIP 0.022uF	10% 16V
C104	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C212	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V
C105	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C213	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V
C106	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C214	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V
C107	1-164-937-11	CERAMIC CHIP 0.001uF	10% 50V	C215	1-164-941-11	CERAMIC CHIP 0.0047uF	10% 16V
C108	1-119-923-81	CERAMIC CHIP 0.047uF	10% 10V	C216	1-131-862-91	TANTAL. CHIP 47uF	20% 4V
C109	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C217	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V
C110	1-164-941-11	CERAMIC CHIP 0.0047uF	10% 16V	C218	1-115-156-11	CERAMIC CHIP 1uF	10V
C111	1-107-819-11	CERAMIC CHIP 0.022uF	10% 16V	C219	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V
C112	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C220	1-115-156-11	CERAMIC CHIP 1uF	10V
C113	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C221	1-115-156-11	CERAMIC CHIP 1uF	10V
C114	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C222	1-115-156-11	CERAMIC CHIP 1uF	10V
C115	1-164-941-11	CERAMIC CHIP 0.0047uF	10% 16V	C223	1-115-156-11	CERAMIC CHIP 1uF	10V
C116	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C224	1-115-156-11	CERAMIC CHIP 1uF	10V
C117	1-131-862-91	TANTAL. CHIP 47uF	20% 4V	C225	1-115-156-11	CERAMIC CHIP 1uF	10V
C118	1-115-156-11	CERAMIC CHIP 1uF	10V	C227	1-135-151-21	TANTALUM CHIP 4.7uF	20% 4V
C119	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C228	1-119-750-11	TANTAL. CHIP 22uF	20% 6.3V
C120	1-115-156-11	CERAMIC CHIP 1uF	10V	C229	1-117-863-11	CERAMIC CHIP 0.47uF	10% 6.3V
C121	1-115-156-11	CERAMIC CHIP 1uF	10V	C230	1-165-176-11	CERAMIC CHIP 0.047uF	10% 16V
C122	1-115-156-11	CERAMIC CHIP 1uF	10V	C231	1-164-939-11	CERAMIC CHIP 0.0022uF	10% 50V
C123	1-115-156-11	CERAMIC CHIP 1uF	10V	C232	1-107-819-11	CERAMIC CHIP 0.022uF	10% 16V
				C233	1-107-819-11	CERAMIC CHIP 0.022uF	10% 16V
				C301	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V
				C302	1-104-851-11	TANTAL. CHIP 10uF	20% 10V
				C303	1-162-966-11	CERAMIC CHIP 0.0022uF	10% 50V
				C304	1-110-569-11	TANTAL. CHIP 47uF	20% 6.3V
				C305	1-127-569-91	TANTAL. CHIP 100uF	20% 4V
				C306	1-104-851-11	TANTAL. CHIP 10uF	20% 10V

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C307	1-119-750-11	TANTAL. CHIP	22uF	20%	6.3V	C438	1-117-748-81	CERAMIC CHIP	10PF		16V
C308	1-104-851-11	TANTAL. CHIP	10uF	20%	10V	C501	1-119-923-81	CERAMIC CHIP	0.047uF	10%	10V
C309	1-107-820-11	CERAMIC CHIP	0.1uF		16V	C502	1-164-941-11	CERAMIC CHIP	0.0047uF	10%	16V
C310	1-104-851-11	TANTAL. CHIP	10uF	20%	10V	C503	1-119-923-81	CERAMIC CHIP	0.047uF	10%	10V
C311	1-164-943-11	CERAMIC CHIP	0.01uF	10%	16V						
C312	1-115-156-11	CERAMIC CHIP	1uF		10V	C504	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C313	1-115-156-11	CERAMIC CHIP	1uF		10V	C505	1-119-750-11	TANTAL. CHIP	22uF	20%	6.3V
C314	1-126-246-11	ELECT CHIP	220uF	20%	4V	C601	1-104-851-11	TANTAL. CHIP	10uF	20%	10V
C315	1-165-128-11	CERAMIC CHIP	0.22uF		16V	C602	1-117-863-11	CERAMIC CHIP	0.47uF	10%	6.3V
C316	1-119-750-11	TANTAL. CHIP	22uF	20%	6.3V	C603	1-119-923-81	CERAMIC CHIP	0.047uF	10%	10V
C317	1-104-851-11	TANTAL. CHIP	10uF	20%	10V	C604	1-119-923-81	CERAMIC CHIP	0.047uF	10%	10V
C318	1-126-209-11	ELECT CHIP	100uF	20%	4V	C605	1-104-851-11	TANTAL. CHIP	10uF	20%	10V
C319	1-115-156-11	CERAMIC CHIP	1uF		10V	C606	1-125-838-11	CERAMIC CHIP	2.2uF	10%	6.3V
C320	1-164-941-11	CERAMIC CHIP	0.0047uF	10%	16V	C607	1-119-923-81	CERAMIC CHIP	0.047uF	10%	10V
C321	1-113-619-11	CERAMIC CHIP	0.47uF		10V	C608	1-119-923-81	CERAMIC CHIP	0.047uF	10%	10V
C322	1-104-851-11	TANTAL. CHIP	10uF	20%	10V	C609	1-119-923-81	CERAMIC CHIP	0.047uF	10%	10V
C323	1-104-851-11	TANTAL. CHIP	10uF	20%	10V	C610	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C324	1-115-156-11	CERAMIC CHIP	1uF		10V	C611	1-104-851-11	TANTAL. CHIP	10uF	20%	10V
C325	1-115-156-11	CERAMIC CHIP	1uF		10V	C612	1-135-177-21	TANTALUM CHIP	1uF	20%	20V
C326	1-119-750-11	TANTAL. CHIP	22uF	20%	6.3V	C613	1-115-156-11	CERAMIC CHIP	1uF		10V
C327	1-115-156-11	CERAMIC CHIP	1uF		10V	C701	1-104-851-11	TANTAL. CHIP	10uF	20%	10V
C328	1-115-156-11	CERAMIC CHIP	1uF		10V	C702	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C329	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	C703	1-115-156-11	CERAMIC CHIP	1uF		10V
C344	1-126-246-11	ELECT CHIP	220uF	20%	4V	C704	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V
C401	1-165-128-11	CERAMIC CHIP	0.22uF		16V	C705	1-113-619-11	CERAMIC CHIP	0.47uF		10V
C402	1-127-956-21	FILM CHIP	0.1uF	5%	16V	C706	1-107-820-11	CERAMIC CHIP	0.1uF		16V
C403	1-165-128-11	CERAMIC CHIP	0.22uF		16V	C707	1-107-820-11	CERAMIC CHIP	0.1uF		16V
C404	1-164-874-11	CERAMIC CHIP	100PF	5%	50V	C803	1-104-851-11	TANTAL. CHIP	10uF	20%	10V
C405	1-164-874-11	CERAMIC CHIP	100PF	5%	50V	C804	1-119-751-11	TANTAL. CHIP	22uF	20%	16V
C406	1-107-820-11	CERAMIC CHIP	0.1uF		16V	C805	1-104-851-11	TANTAL. CHIP	10uF	20%	10V
C407	1-119-923-81	CERAMIC CHIP	0.047uF	10%	10V	< CONNECTOR >					
C408	1-107-819-11	CERAMIC CHIP	0.022uF	10%	16V	CN101	1-573-349-21	CONNECTOR, FFC/FPC 9P			
C409	1-164-935-11	CERAMIC CHIP	470PF	10%	50V	CN102	1-573-355-11	CONNECTOR, FFC/FPC 15P			
C410	1-115-156-11	CERAMIC CHIP	1uF		10V	CN103	1-573-355-11	CONNECTOR, FFC/FPC 15P			
C411	1-107-820-11	CERAMIC CHIP	0.1uF		16V	< DIODE >					
C412	1-164-941-11	CERAMIC CHIP	0.0047uF	10%	16V	D101	8-719-404-50	DIODE MA111-TX			
C413	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V	D201	8-719-404-50	DIODE MA111-TX			
C414	1-107-820-11	CERAMIC CHIP	0.1uF		16V	D301	8-719-977-03	DIODE MA8056-H-TX			
C415	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V	D303	8-719-977-03	DIODE MA8056-H-TX			
C416	1-107-820-11	CERAMIC CHIP	0.1uF		16V	D304	8-719-977-03	DIODE MA8056-H-TX			
C417	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	D305	8-719-977-03	DIODE MA8056-H-TX			
C418	1-107-820-11	CERAMIC CHIP	0.1uF		16V	D306	8-719-977-03	DIODE MA8056-H-TX			
C419	1-115-156-11	CERAMIC CHIP	1uF		10V	D307	8-719-977-03	DIODE MA8056-H-TX			
C420	1-164-874-11	CERAMIC CHIP	100PF	5%	50V	D402	8-719-404-50	DIODE MA111-TX			
C421	1-115-156-11	CERAMIC CHIP	1uF		10V	D406	8-719-404-50	DIODE MA111-TX			
C422	1-107-819-11	CERAMIC CHIP	0.022uF	10%	16V	D801	8-719-977-03	DIODE MA8056-H-TX			
C423	1-119-923-81	CERAMIC CHIP	0.047uF	10%	10V	D802	8-719-977-03	DIODE MA8056-H-TX			
C424	1-165-813-21	CERAMIC CHIP	22PF		50V	D803	8-719-072-70	DIODE MA2ZD14001S0			
C425	1-164-943-11	CERAMIC CHIP	0.01uF	10%	16V	D804	8-719-404-50	DIODE MA111-TX			
C426	1-164-941-11	CERAMIC CHIP	0.0047uF	10%	16V	D805	8-719-977-03	DIODE MA8056-H-TX			
C427	1-131-862-91	TANTAL. CHIP	47uF	20%	4V	D806	8-719-072-70	DIODE MA2ZD14001S0			
C428	1-104-851-11	TANTAL. CHIP	10uF	20%	10V	< IC >					
C429	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	IC301	8-759-380-80	IC LA7473V-TLM			
C430	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V	IC302	8-752-089-40	IC CXA2500N-T4			
C431	1-135-151-21	TANTALUM CHIP	4.7uF	20%	4V	IC303	8-759-184-64	IC TC4W66FU(TE12R)			
C432	1-115-156-11	CERAMIC CHIP	1uF		10V	IC304	8-759-184-64	IC TC4W66FU(TE12R)			
C433	1-135-834-91	CERAMIC CHIP	2.2uF		6.3V	IC305	8-759-597-59	IC LM4863MTX			
C434	1-115-156-11	CERAMIC CHIP	1uF		10V	IC306	8-759-205-43	IC TA7688F-SOTP1			
C435	1-115-156-11	CERAMIC CHIP	1uF		10V	IC307	8-759-829-80	IC XC62FP1802MR			
C436	1-115-156-11	CERAMIC CHIP	1uF		10V						
C437	1-104-851-11	TANTAL. CHIP	10uF	20%	10V						

TCS-600DV

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
IC401	8-759-493-89	IC FHA012		R105	1-218-969-11	RES-CHIP 22K 5%	1/16W
IC402	8-759-528-80	IC NJU7013F-TE2		R107	1-218-961-11	RES-CHIP 4.7K 5%	1/16W
IC501	8-759-701-51	IC NJM2072M(Te2)		R108	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
IC601	8-759-829-80	IC XC62FP1802MR		R109	1-218-961-11	RES-CHIP 4.7K 5%	1/16W
IC603	8-759-184-64	IC TC4W66FU(Te12R)		R110	1-218-965-11	RES-CHIP 10K 5%	1/16W
IC604	8-759-184-64	IC TC4W66FU(Te12R)		R112	1-218-953-11	RES-CHIP 1K 5%	1/16W
IC605	8-759-638-51	IC LB1979VS-TLM		R113	1-218-973-11	RES-CHIP 47K 5%	1/16W
IC701	8-759-399-49	IC MM1251BFBE		R114	1-218-973-11	RES-CHIP 47K 5%	1/16W
IC802	8-759-828-88	IC XC62GR3612MR		R115	1-218-977-11	RES-CHIP 100K 5%	1/16W
IC803	8-759-828-87	IC XC6371C401PR		R116	1-218-985-11	RES-CHIP 470K 5%	1/16W
		< JACK >		R117	1-218-945-11	RES-CHIP 220 5%	1/16W
J301	1-794-615-11	JACK,DC (POLARITY UNIFIED TYPE) (DC IN 3V)		R118	1-218-973-11	RES-CHIP 47K 5%	1/16W
J302	1-695-514-21	JACK (SMALL TYPE) 1P (EAR)		R119	1-218-973-11	RES-CHIP 47K 5%	1/16W
J303	1-774-321-32	JACK (SMALL TYPE) (MIC(PLUG IN POWER))		R120	1-218-965-11	RES-CHIP 10K 5%	1/16W
		< COIL >		R121	1-218-953-11	RES-CHIP 1K 5%	1/16W
L401	1-414-400-41	INDUCTOR 22uH		R122	1-218-949-11	RES-CHIP 470 5%	1/16W
L701	1-414-404-11	INDUCTOR 100uH		R123	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
L801	1-469-644-21	INDUCTOR 100uH		R124	1-218-977-11	RES-CHIP 100K 5%	1/16W
L802	1-414-400-41	INDUCTOR 22uH		R125	1-218-989-11	RES-CHIP 1M 5%	1/16W
		< TRANSISTOR >		R126	1-218-969-11	RES-CHIP 22K 5%	1/16W
Q101	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R127	1-218-977-11	RES-CHIP 100K 5%	1/16W
Q201	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R128	1-218-965-11	RES-CHIP 10K 5%	1/16W
Q301	8-729-230-63	TRANSISTOR 2SD1819A-QRS-TX		R129	1-218-953-11	RES-CHIP 1K 5%	1/16W
Q302	8-729-030-46	TRANSISTOR XP4314-TX		R130	1-218-973-11	RES-CHIP 47K 5%	1/16W
Q303	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R132	1-218-937-11	RES-CHIP 47 5%	1/16W
Q304	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R133	1-218-969-11	RES-CHIP 22K 5%	1/16W
Q305	8-729-030-46	TRANSISTOR XP4314-TX		R135	1-218-977-11	RES-CHIP 100K 5%	1/16W
Q306	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R136	1-218-977-11	RES-CHIP 100K 5%	1/16W
Q307	8-729-928-19	TRANSISTOR 2SA1774TL-QR		R137	1-218-973-11	RES-CHIP 47K 5%	1/16W
Q308	8-729-823-86	TRANSISTOR 2SA1745-TL		R138	1-218-973-11	RES-CHIP 47K 5%	1/16W
Q309	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R139	1-218-961-11	RES-CHIP 4.7K 5%	1/16W
Q310	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R141	1-218-941-81	RES-CHIP 100 5%	1/16W
Q311	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R201	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
Q401	8-729-823-86	TRANSISTOR 2SA1745-TL		R203	1-218-965-11	RES-CHIP 10K 5%	1/16W
Q402	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R204	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
Q403	8-729-037-62	TRANSISTOR UN9114J-(TX).SO		R205	1-218-969-11	RES-CHIP 22K 5%	1/16W
Q404	8-729-037-62	TRANSISTOR UN9114J-(TX).SO		R206	1-218-969-11	RES-CHIP 22K 5%	1/16W
Q405	8-729-037-62	TRANSISTOR UN9114J-(TX).SO		R207	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
Q406	8-729-037-62	TRANSISTOR UN9114J-(TX).SO		R208	1-218-961-11	RES-CHIP 4.7K 5%	1/16W
Q407	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R209	1-218-961-11	RES-CHIP 4.7K 5%	1/16W
Q408	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R210	1-218-953-11	RES-CHIP 1K 5%	1/16W
Q501	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R211	1-218-965-11	RES-CHIP 10K 5%	1/16W
Q601	8-729-047-68	TRANSISTOR 2SK1830-TE85L		R213	1-218-977-11	RES-CHIP 100K 5%	1/16W
Q603	8-729-823-86	TRANSISTOR 2SA1745-TL		R214	1-218-977-11	RES-CHIP 100K 5%	1/16W
Q604	8-729-030-46	TRANSISTOR XP4314-TX		R215	1-218-945-11	RES-CHIP 220 5%	1/16W
Q605	8-729-823-86	TRANSISTOR 2SA1745-TL		R216	1-218-985-11	RES-CHIP 470K 5%	1/16W
Q701	8-729-230-63	TRANSISTOR 2SC4116YG-TE85L		R217	1-218-973-11	RES-CHIP 47K 5%	1/16W
Q702	8-729-427-74	TRANSISTOR XP4601-TXE		R218	1-218-973-11	RES-CHIP 47K 5%	1/16W
Q703	8-729-426-51	TRANSISTOR XP1210-TXE		R219	1-218-965-11	RES-CHIP 10K 5%	1/16W
Q704	8-729-427-72	TRANSISTOR XP4501-TXE		R220	1-218-953-11	RES-CHIP 1K 5%	1/16W
Q705	8-729-037-75	TRANSISTOR UN9214J-(TX).SO		R221	1-218-949-11	RES-CHIP 470 5%	1/16W
Q801	8-729-030-46	TRANSISTOR XP4314-TX		R222	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
		< RESISTOR >		R223	1-218-977-11	RES-CHIP 100K 5%	1/16W
R101	1-218-965-11	RES-CHIP 10K 5%	1/16W	R225	1-218-977-11	RES-CHIP 100K 5%	1/16W
R102	1-218-957-11	RES-CHIP 2.2K 5%	1/16W	R226	1-218-989-11	RES-CHIP 1M 5%	1/16W
R103	1-218-969-11	RES-CHIP 22K 5%	1/16W	R227	1-218-965-11	RES-CHIP 10K 5%	1/16W
R104	1-218-957-11	RES-CHIP 2.2K 5%	1/16W	R228	1-218-953-11	RES-CHIP 1K 5%	1/16W
				R230	1-218-973-11	RES-CHIP 47K 5%	1/16W
				R231	1-218-969-11	RES-CHIP 22K 5%	1/16W
				R232	1-218-937-11	RES-CHIP 47 5%	1/16W
				R233	1-218-969-11	RES-CHIP 22K 5%	1/16W

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R235	1-218-973-11	RES-CHIP	47K	5%	1/16W	R501	1-218-969-11	RES-CHIP	22K	5%	1/16W
R236	1-218-973-11	RES-CHIP	47K	5%	1/16W	R502	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R237	1-218-973-11	RES-CHIP	47K	5%	1/16W	R503	1-218-953-11	RES-CHIP	1K	5%	1/16W
R238	1-218-977-11	RES-CHIP	100K	5%	1/16W	R505	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R239	1-218-973-11	RES-CHIP	47K	5%	1/16W						
						R506	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R240	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R601	1-218-949-11	RES-CHIP	470	5%	1/16W
R241	1-218-969-11	RES-CHIP	22K	5%	1/16W	R602	1-218-953-11	RES-CHIP	1K	5%	1/16W
R242	1-218-941-81	RES-CHIP	100	5%	1/16W	R603	1-218-949-11	RES-CHIP	470	5%	1/16W
R301	1-218-945-11	RES-CHIP	220	5%	1/16W	R604	1-218-953-11	RES-CHIP	1K	5%	1/16W
R302	1-218-965-11	RES-CHIP	10K	5%	1/16W						
						R605	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R303	1-218-933-11	RES-CHIP	22	5%	1/16W	R606	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R304	1-218-990-11	SHORT CHIP	0			R607	1-218-953-11	RES-CHIP	1K	5%	1/16W
R305	1-218-973-11	RES-CHIP	47K	5%	1/16W	R608	1-218-949-11	RES-CHIP	470	5%	1/16W
R306	1-218-953-11	RES-CHIP	1K	5%	1/16W	R609	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R307	1-220-804-11	RES-CHIP	2.2M	5%	1/16W						
						R610	1-218-949-11	RES-CHIP	470	5%	1/16W
R308	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R611	1-218-973-11	RES-CHIP	47K	5%	1/16W
R309	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R612	1-218-973-11	RES-CHIP	47K	5%	1/16W
R310	1-218-969-11	RES-CHIP	22K	5%	1/16W	R613	1-218-989-11	RES-CHIP	1M	5%	1/16W
R311	1-218-969-11	RES-CHIP	22K	5%	1/16W	R614	1-218-953-11	RES-CHIP	1K	5%	1/16W
R312	1-218-965-11	RES-CHIP	10K	5%	1/16W						
						R615	1-218-985-11	RES-CHIP	470K	5%	1/16W
R313	1-218-965-11	RES-CHIP	10K	5%	1/16W	R616	1-218-989-11	RES-CHIP	1M	5%	1/16W
R314	1-218-965-11	RES-CHIP	10K	5%	1/16W	R617	1-218-985-11	RES-CHIP	470K	5%	1/16W
R315	1-218-985-11	RES-CHIP	470K	5%	1/16W	R618	1-218-977-11	RES-CHIP	100K	5%	1/16W
R317	1-218-953-11	RES-CHIP	1K	5%	1/16W	R620	1-218-989-11	RES-CHIP	1M	5%	1/16W
R318	1-218-965-11	RES-CHIP	10K	5%	1/16W						
						R621	1-218-953-11	RES-CHIP	1K	5%	1/16W
R319	1-218-965-11	RES-CHIP	10K	5%	1/16W	R622	1-218-941-81	RES-CHIP	100	5%	1/16W
R320	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R623	1-218-965-11	RES-CHIP	10K	5%	1/16W
R321	1-218-949-11	RES-CHIP	470	5%	1/16W	R624	1-218-977-11	RES-CHIP	100K	5%	1/16W
R324	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R625	1-218-941-81	RES-CHIP	100	5%	1/16W
R325	1-218-977-11	RES-CHIP	100K	5%	1/16W						
						R631	1-218-973-11	RES-CHIP	47K	5%	1/16W
R401	1-218-977-11	RES-CHIP	100K	5%	1/16W	R633	1-218-941-81	RES-CHIP	100	5%	1/16W
R402	1-218-977-11	RES-CHIP	100K	5%	1/16W	R634	1-218-945-11	RES-CHIP	220	5%	1/16W
R403	1-218-965-11	RES-CHIP	10K	5%	1/16W	R701	1-218-941-81	RES-CHIP	100	5%	1/16W
R404	1-218-953-11	RES-CHIP	1K	5%	1/16W	R702	1-218-945-11	RES-CHIP	220	5%	1/16W
R405	1-218-961-11	RES-CHIP	4.7K	5%	1/16W						
						R703	1-218-985-11	RES-CHIP	470K	5%	1/16W
R406	1-218-977-11	RES-CHIP	100K	5%	1/16W	R704	1-218-989-11	RES-CHIP	1M	5%	1/16W
R407	1-218-989-11	RES-CHIP	1M	5%	1/16W	R705	1-218-981-11	RES-CHIP	220K	5%	1/16W
R408	1-218-977-11	RES-CHIP	100K	5%	1/16W	R706	1-218-965-11	RES-CHIP	10K	5%	1/16W
R409	1-218-965-11	RES-CHIP	10K	5%	1/16W	R707	1-218-973-11	RES-CHIP	47K	5%	1/16W
R410	1-218-965-11	RES-CHIP	10K	5%	1/16W						
						R708	1-218-973-11	RES-CHIP	47K	5%	1/16W
R411	1-218-977-11	RES-CHIP	100K	5%	1/16W	R709	1-218-953-11	RES-CHIP	1K	5%	1/16W
R412	1-218-965-11	RES-CHIP	10K	5%	1/16W	R710	1-218-949-11	RES-CHIP	470	5%	1/16W
R413	1-218-977-11	RES-CHIP	100K	5%	1/16W	R711	1-220-804-11	RES-CHIP	2.2M	5%	1/16W
R414	1-218-969-11	RES-CHIP	22K	5%	1/16W	R712	1-218-945-11	RES-CHIP	220	5%	1/16W
R415	1-220-804-11	RES-CHIP	2.2M	5%	1/16W						
						R713	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R416	1-218-989-11	RES-CHIP	1M	5%	1/16W	R715	1-218-953-11	RES-CHIP	1K	5%	1/16W
R417	1-218-969-11	RES-CHIP	22K	5%	1/16W	R716	1-218-953-11	RES-CHIP	1K	5%	1/16W
R418	1-218-973-11	RES-CHIP	47K	5%	1/16W	R717	1-218-953-11	RES-CHIP	1K	5%	1/16W
R419	1-220-804-11	RES-CHIP	2.2M	5%	1/16W	R718	1-218-949-11	RES-CHIP	470	5%	1/16W
R420	1-218-953-11	RES-CHIP	1K	5%	1/16W						
						R720	1-218-977-11	RES-CHIP	100K	5%	1/16W
R421	1-218-953-11	RES-CHIP	1K	5%	1/16W	R721	1-218-973-11	RES-CHIP	47K	5%	1/16W
R422	1-218-969-11	RES-CHIP	22K	5%	1/16W	R722	1-218-969-11	RES-CHIP	22K	5%	1/16W
R423	1-218-989-11	RES-CHIP	1M	5%	1/16W	R723	1-218-977-11	RES-CHIP	100K	5%	1/16W
R424	1-218-977-11	RES-CHIP	100K	5%	1/16W	R724	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R425	1-218-965-11	RES-CHIP	10K	5%	1/16W						
						R725	1-218-953-11	RES-CHIP	1K	5%	1/16W
R426	1-218-965-11	RES-CHIP	10K	5%	1/16W	R726	1-218-953-11	RES-CHIP	1K	5%	1/16W
R427	1-218-965-11	RES-CHIP	10K	5%	1/16W	R802	1-218-985-11	RES-CHIP	470K	5%	1/16W
R428	1-218-977-11	RES-CHIP	100K	5%	1/16W	R803	1-218-985-11	RES-CHIP	470K	5%	1/16W
R429	1-218-977-11	RES-CHIP	100K	5%	1/16W	R804	1-218-981-11	RES-CHIP	220K	5%	1/16W
R430	1-218-941-81	RES-CHIP	100	5%	1/16W						
						R805	1-218-985-11	RES-CHIP	470K	5%	1/16W
R431	1-218-965-11	RES-CHIP	10K	5%	1/16W						

TCS-600DV

MAIN

SP

Ref. No.	Part No.	Description	Remark
< VARIABLE RESISTOR >			
RV301	1-225-743-11	RES, VAR, CARBON 10K/10K (▲VOL)	
RV401	1-241-596-11	RES, ADJ, CERMET 47K (DPC)	
RV601	1-225-867-21	RES, ADJ, CERMET 1K (TAPE SPEED 4.8cm)	
RV602	1-225-867-21	RES, ADJ, CERMET 1K (TAPE SPEED 2.4cm)	
< SWITCH >			
S301	1-572-688-11	SWITCH, PUSH (1 KEY) (POWER ON)	
S302	1-572-688-11	SWITCH, PUSH (1 KEY) (FF/REW)	
S303	1-786+026-12	SWITCH, SLIDE (PB/REC)	
S304	1-786+026-12	SWITCH, SLIDE (FWD/REV)	
S307	1-572-922-11	SWITCH, SLIDE (PAUSE▶)	
< TRANSFORMER >			
T301	1-433-286-23	TRANSFORMER, BIAS OSCILLATION	
< THERMISTOR >			
TH601	1-810-806-21	THERMISTOR, NTC (1608)	
< VIBRATOR >			
X401	1-760-227-11	VIBRATOR, CERAMIC (768kHz)	

*	A-3663-934-A	SP BOARD, COMPLETE	

	1-687-886-11	FLEXIBLE BOARD	
< CONNECTOR >			
* CN202	1-815-832-21	CONNECTOR, FFC/FPC (ZIF) 15P	
< VARIABLE RESISTOR >			
RV604	1-227-445-21	RES, VAR, CARBON 100K (SPEED CONTROL)	
< SWITCH >			
S401	1-572-922-11	SWITCH, SLIDE (DPC)	

MISCELLANEOUS			

26	1-687-886-11	FLEXIBLE BOARD	
30	1-548-582-11	COUNTER, TAPE (SMALL TYPE)	
60	1-687-886-11	FLEXIBLE BOARD	
HRPE901	1-500-685-12	HEAD, MAGNETIC (REC/PB/ERASE)	
M901	1-763-772-12	MOTOR, DC MOTOR, DC (CAPSTAN/REEL)	
(INCLUDING PULLEY)			
MIC901	1-476-484-31	MICROPHONE UNIT, ELECTRET (L-ch)	
MIC902	1-476-484-31	MICROPHONE UNIT, ELECTRET (R-CH)	
SP901	1-825-350-11	SPEAKER (3.6cm) (L-CH)	
SP902	1-825-350-11	SPEAKER (3.6cm) (R-CH)	

ACCESSORIES			

3-220-749-01		CASE, CARRYING	
3-249-770-11		MANUAL, INSTRUCTION	
(TRADITIONAL CHINESE) (E)			
3-249-770-21		MANUAL, INSTRUCTION	
(ENGLISH, SPANISH, PORTUGUESE)			
3-249-770-31		MANUAL, INSTRUCTION	
(FRENCH, GERMAN, DUTCH) (AEP)			
3-249-770-41		MANUAL, INSTRUCTION	
(SWEDISH, ITALIAN, FINNISH) (AEP)			

MEMO

REVISION HISTORY

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