

TC-H6600

SERVICE MANUAL

AEP Model
UK Model



This unit is the cassette deck for the MHC-6600 component system.

| | | |
|------------------------------------|----------------|--------------|
| Model Name Using Similar Mechanism | TC-WR620/WR720 | |
| Tape Transport Mechanism Type | DECK A | TCM-190RA13A |
| | DECK B | TCM-190RB12A |


SPECIFICATIONS

Recoding system 4-track 2-channel stereo
Frequency response (DOLBY NR OFF)
40 - 13,000 Hz (± 3 dB)
using TYPE I cassette
(Sony HF-S)
40 - 14,000 Hz (± 3 dB),
using TYPE II cassette
40 - 15,000 Hz (± 3 dB)
using TYPE IV cassette

Wow and flutter 0.1% WRMS \pm 0.3% (DIN)

Inputs
PHONO (phono jacks):
sensitivity 5 mV
impedance 47 kohms
VIDEO (phono jacks)
sensitivity 300 mV
impedance 47 kohms

Design and specification subject to change without notice.

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
"DOLBY" and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.

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.

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.





STEREO CASSETTE DECK
SONY®

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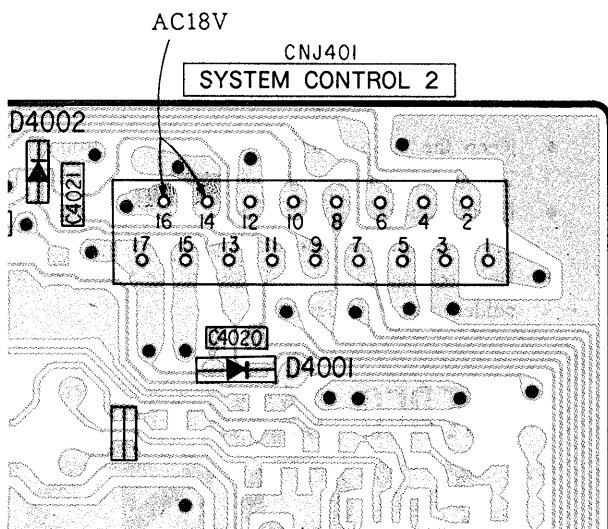
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SAFETY-RELATED COMPONENT WARNING!!

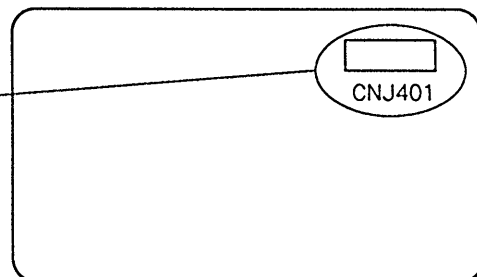
COMPONENTS IDENTIFIED BY MARK  OR DOTTED LINE WITH MARK  ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

Caution when repairing

Normally the power of this set is supplied from the TA-H6600 amplifier connected. When only this set is repaired, connect the power of 18V AC as shown in the figure below.



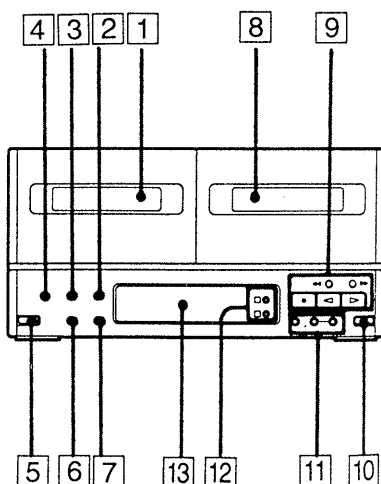
[PIN JACK BOARD] (conductor side)



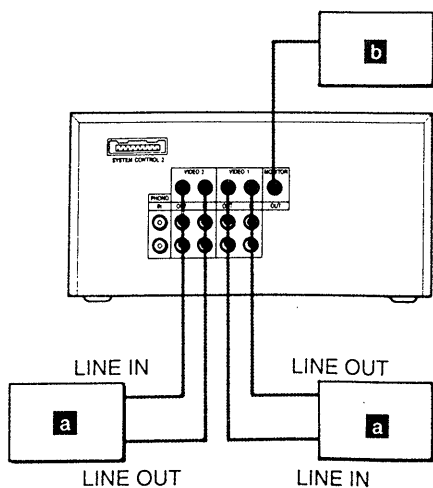
SECTION 1 GENERAL

This section is extracted from instruction manual.

LOCATION AND FUNCTION OF CONTROLS



- 1 Cassette holder (Deck A)
- 2 COUNTER RESET button
Resets the counter of the cassette deck to "0".
- 3 CD SYNCHRO (CD synchronized recording) button and indicator 10 11
- 4 DUBBING MODE button and indicator 9b
- 5 EJECT button (Deck A)
- 6 DOLBY NR (Dolby Noise Reduction) button 6a
- 7 DIRECTION MODE button 62 70
- 8 Cassette holder (Deck B)
- 9 Tape operation buttons (for Deck A and B)
 - ◀▶ : Fast winding
 - : Stop
 - > : Forward play
 - < : Reverse play
- 10 EJECT button (Deck B)
- 11 Tape operation buttons (for Deck B)
 - ⏸ : PAUSE
 - ⏶ : MUTE (Muting)
 - : REC (recording)
- 12 DECK A/B selection buttons 64
- 13 Display window

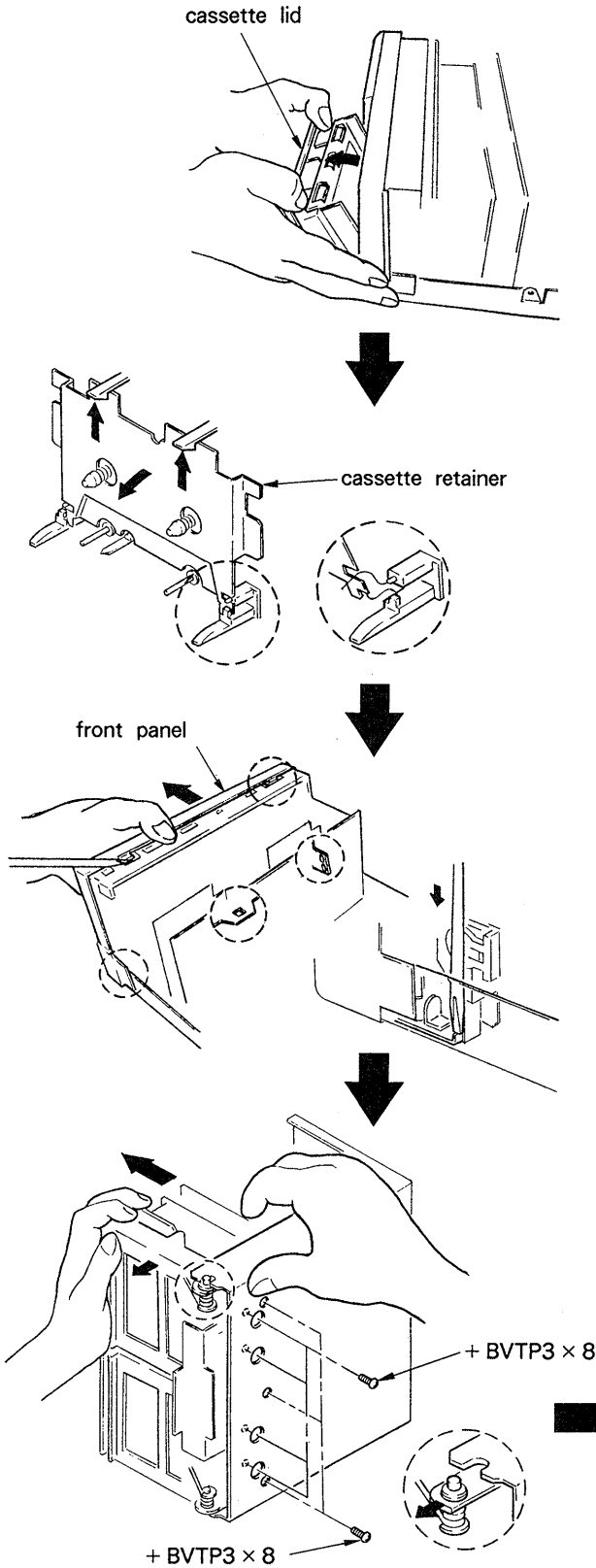


You can connect a VCR **a** to the VIDEO 1 or VIDEO 2 jacks. You can also connect a monitor TV **b** to MONITOR OUT. (TV with MONITOR IN jacks only.) To select VCR, press the VIDEO FUNCTION selector and light up the VIDEO 1 or VIDEO 2 indicator.

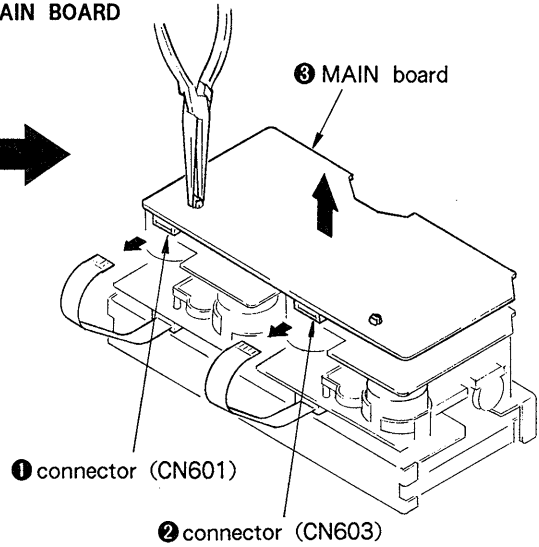
SECTION 2 DISASSEMBLY

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

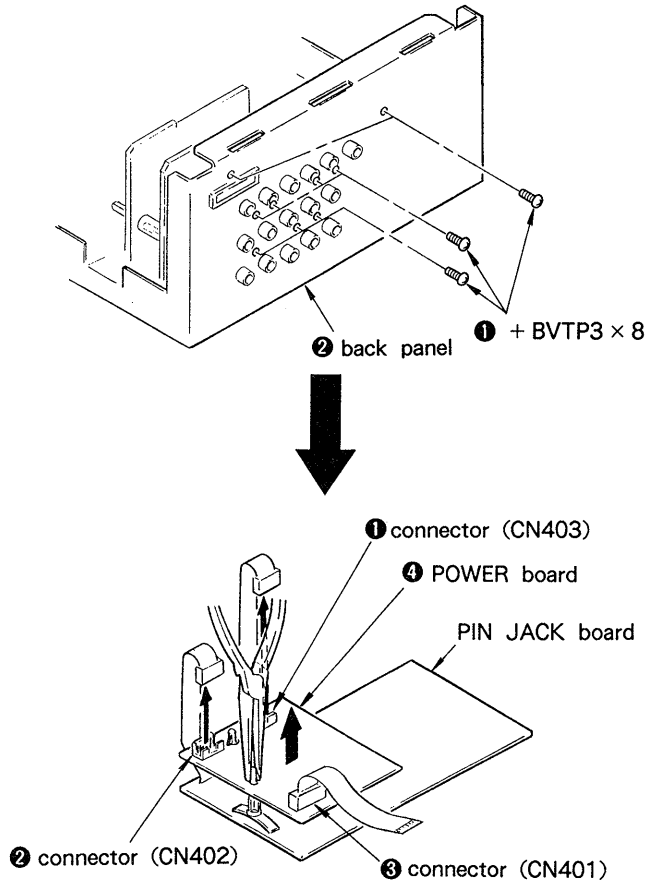
• FRONT PANEL



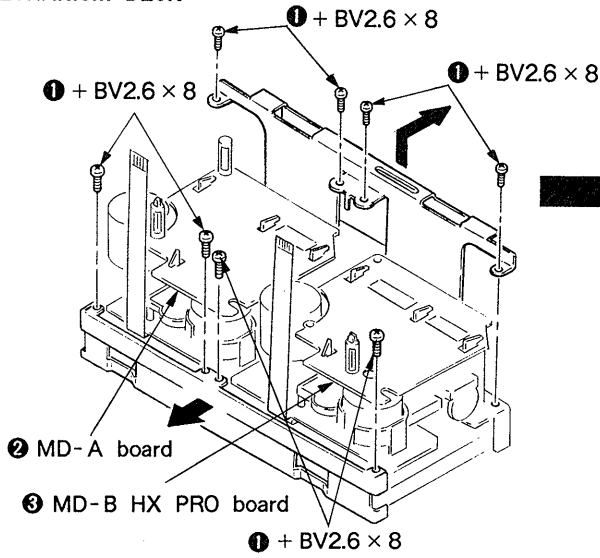
• MAIN BOARD



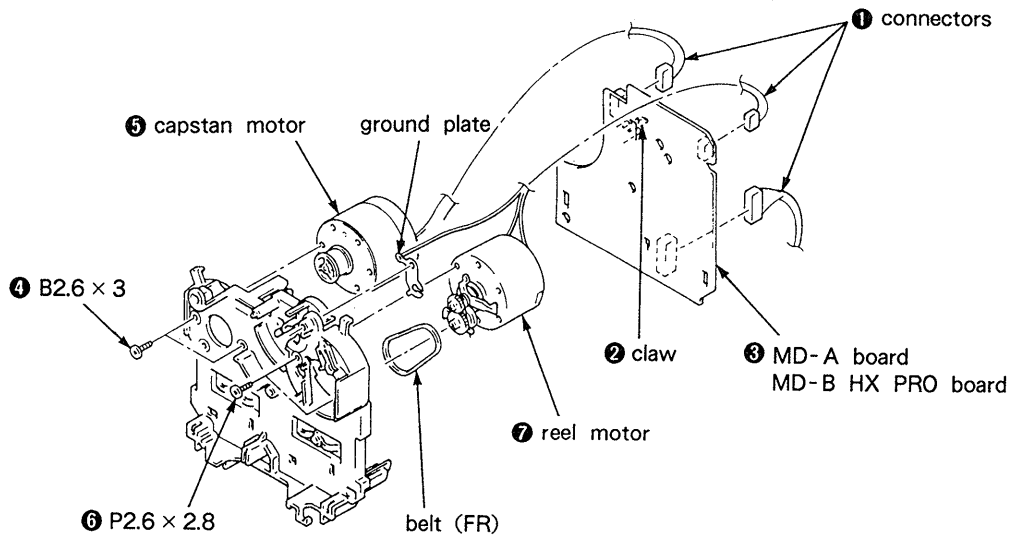
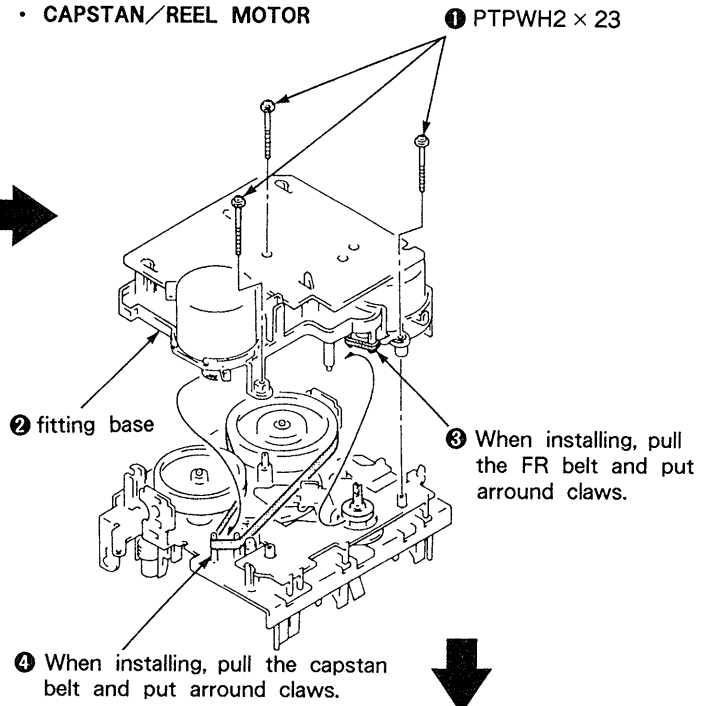
• PIN JACK/POWER BOARD



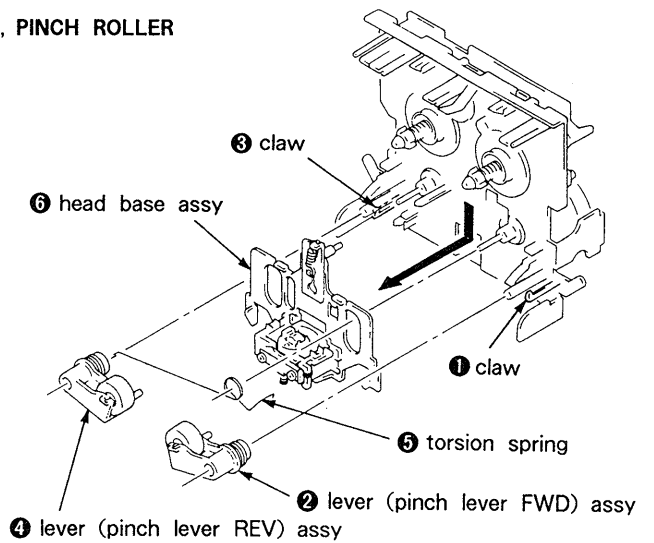
• MECHANISM DECK



• CAPSTAN/REEL MOTOR



• HEAD, PINCH ROLLER



SECTION 3

MECHANICAL ADJUSTMENTS

PRECAUTION

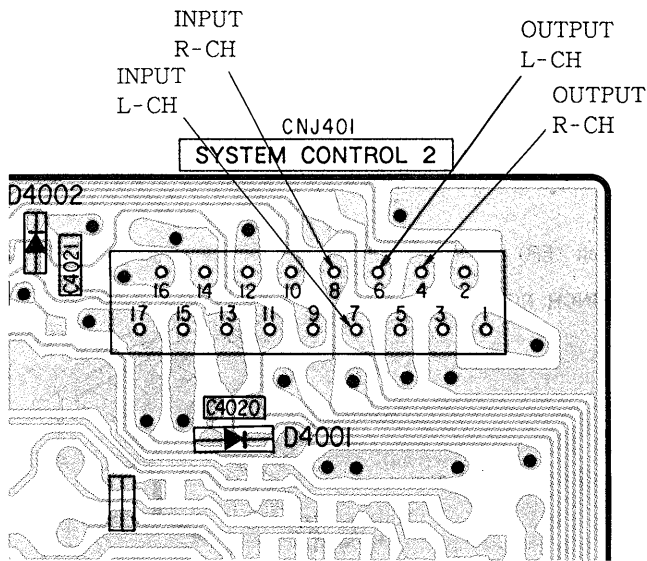
- Clean the following parts with a denatured alcohol-moistened swab :

| | |
|----------------------|--------------|
| record/playback head | pinch roller |
| erase head | rubber belts |
| capstan | idlers |
- Demagnetize the record/playback head with a head demagnetizer.
(Head demagnetizer do not approach for the erase head.)
- Do not use a magnetized screwdriver for the adjustment.
- After the adjustments, apply suitable locking compound to the parts adjusted.
- The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

| Torque | Torque meter | Meter reading |
|----------------------|--------------|---|
| Forward | CQ-102C | 35 to 60g·cm (0.49 to 0.83 oz·inch) |
| Forward back tension | CQ-102C | 2 to 6g·cm (0.03 to 0.08oz·inch) |
| Reverse | CQ-102RC | 35 to 60g·cm (0.49 to 0.83oz·inch) |
| Reverse back tension | CQ-102RC | 2 to 6g·cm (0.03 to 0.08oz·inch) |
| Forward, Reverse | CQ-201B | 70 to 110g·cm (0.98 to 1.52 oz·inch) |

LINE IN/OUT Terminal (CNJ401)



SECTION 4

ELECTRICAL ADJUSTMENTS

PRECAUTION

- The adjustment should be performed in the publication. (Be sure to make playback adjustment at first.)
- The adjustment and measurement should be performed for both L-CH and R-CH.
 - Switch position
 - DOLBY NR switch : OFF
 - DIR MODE switch : ⇄

Test Tape

| Tape | Contents | Use |
|----------|--------------|-----------------------|
| P-4-A100 | 10kHz, -10dB | Azimuth Adjustment |
| P-4-L300 | 315Hz, 0dB | Level Adjustment |
| WS-48B | 3kHz, 0dB | Tape Speed Adjustment |

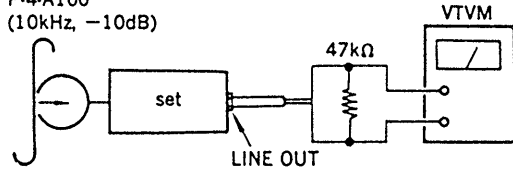
Record/Playback Head Azimuth Adjustment

DECK A **DECK B**

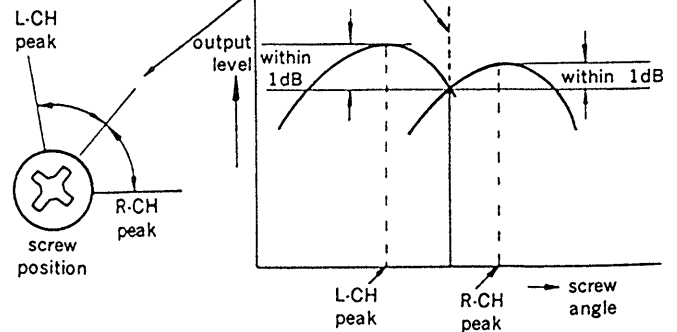
Procedure :

- Forward Playback Mode

test tape
P-4-A100
(10kHz, -10dB)

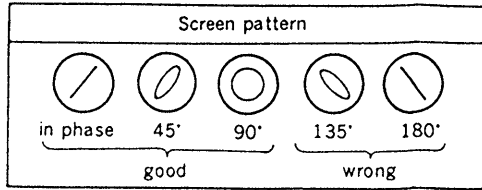
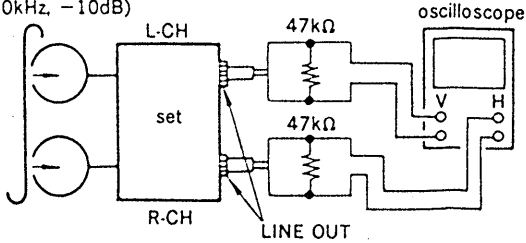


- Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together within 1dB.



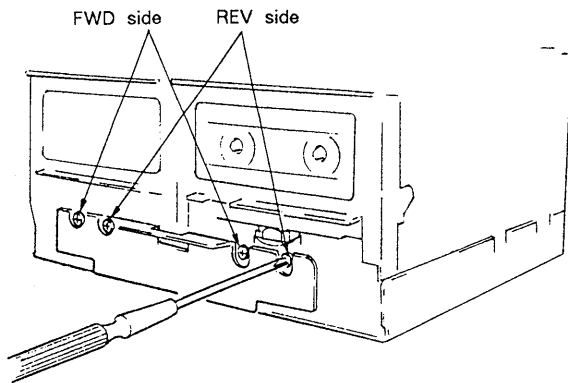
3. Playback Mode

test tape
P-4-A100
(10kHz, -10dB)



4. Change the reverse playback mode and repeat the steps 1 to 3.
5. After the adjustment, lock the adjustment screw with suitable locking compound.

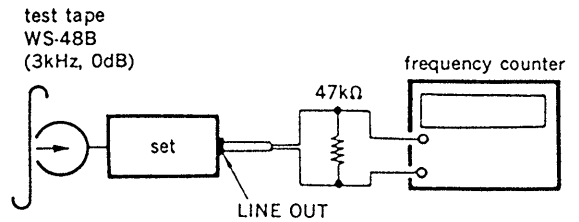
Adjustment Location : - record/playback head -



Tape Speed Adjustment [DECK A] [DECK B]

Procedure :

-Forward Playback Mode-



Perform high speed adjustment before normal speed adjustment.

(High speed adjustment)

1. Short TP601 (main board) when the power is OFF.
2. Turn on the power and put the deck A into the FWD mode.
3. Connect a resistor of 150 Ω to both the terminals of TP6001 (main board). (The set enters into high speed playback mode.)
4. Adjust RV72A (H) of the deck A so that a reading of the frequency counter meets the adjustment value.
5. Put the deck iA nto the STOP mode and remove the resistor of 150 Ω
6. Adjust the deck B performing items 2 through 5 as deck A.
7. After the adjustment is completed, remove the short of TP601.

(Normal speed adjustment)

1. Put the set into the FWD playback mode.
2. At this time, adjust RV71A (L) of the deck A and RV71B (L) of the deck B so that a reading of the frequency counter meets the adjustment value.

Adjustment Limits :

| Speed | Frequency Counter Reading |
|--------|---------------------------|
| High | 6,000 ± 20Hz |
| Normal | 3,000 ± 10Hz |

Frequency difference between the beginning and the end of the tape should be within 3%.

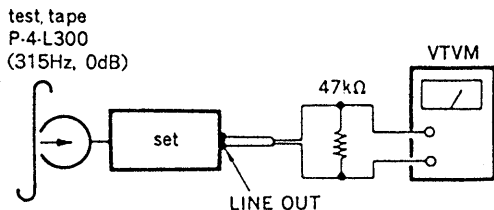
Frequency difference between deck A and deck B the beginning of the tape should be within 1.5%.

Adjustment Location : MD-A board
MD-B HX PRO board

Playback Level Adjustment DECK A DECK B

Procedure :

—Forward Playback Mode—



Adjust deck A : RV11A (L-CH), RV21A R-CH) and deck B : RV11B (L-CH), RV21B (R-CH) so that the VTVM reading becomes the adjustment limits below.

Adjustment Limits :

LINE OUT level : $-10 \pm 0.5\text{dB}$ (0.23 to 0.26V)

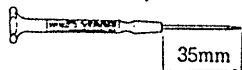
Level Difference between Channels : within 0.5dB

Confirm the LINE OUT level does not change in playback mode while changing the mode from playback to stop several times.

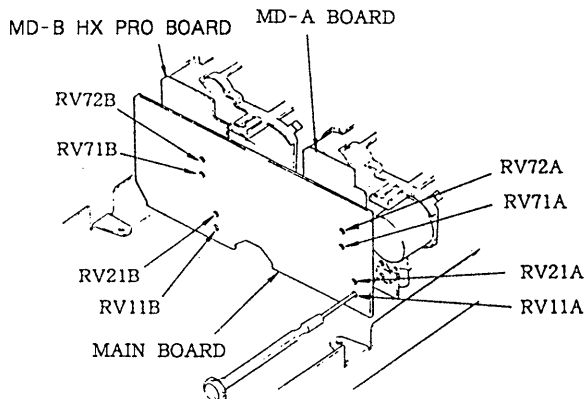
Adjustment Location : MD-A board
MD-B HX PRO board

Tape Speed/playback Level Adjustment

Screwdriver to adjust the MD block



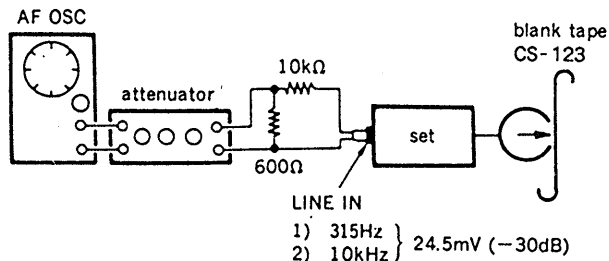
The MD block adjustment can be performed by inserting a screwdriver of which axis length (not including the shaft) is 35 mm or more through the rear side of the main board.



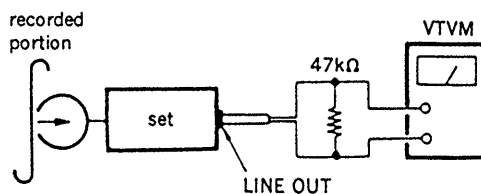
Record Bias Adjustment DECK B

Procedure :

1. Record Mode



2. Playback Mode



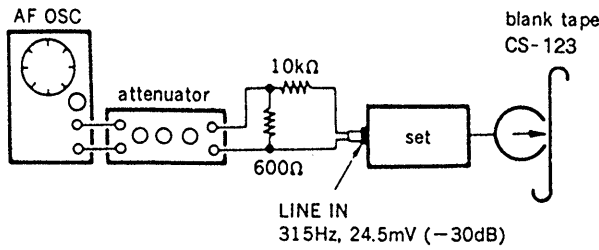
Playback the signal recorded in step 1. Confirm that the 10kHz playback output is $0 \pm 0.5\text{dB}$ relative to the 315Hz output. If necessary, adjust RV12 (L-CH), RV22 (R-CH) and repeat the steps given above.

Adjustment Location : MD-B HX PRO board

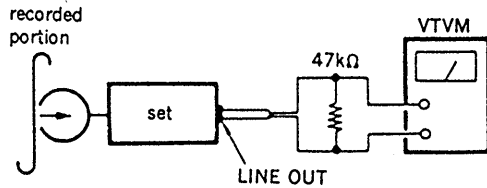
Record Level Adjustment DECK B

Procedure :

1. Record Mode



2. Playback Mode



Confirm playback the tape recorded become adjustment level as follows.

If necessary, adjust RV101 (L-CH), RV201 (R-CH) and repeat steps 1 and 2.

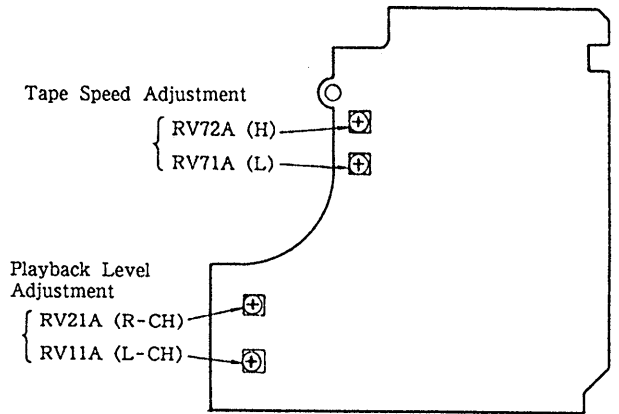
Adjustment Limits :

LINE OUT level : $-30 \pm 0.5\text{dB}$ (23 to 26mV)

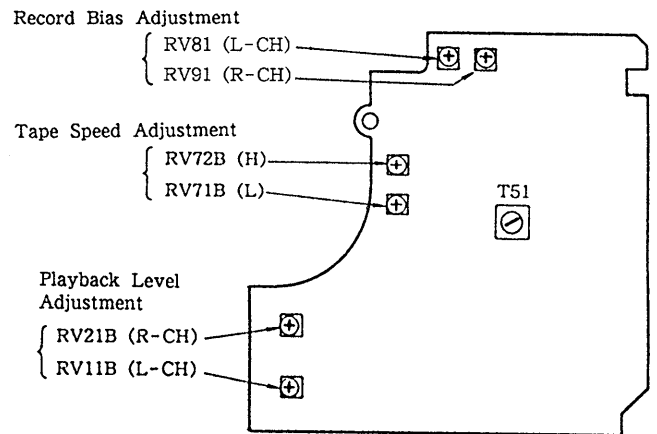
Adjustment Location : main board

ADJUSTMENT LOCATION :

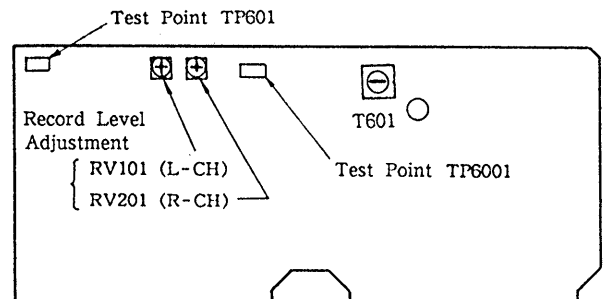
【MD-A BOARD】 component side



【MD-B HX PRO BOARD】 component side



【MAIN BOARD】 component side



SECTION 5

DIAGRAMS

5-1. IC PIN DESCRIPTION

IC351 display microprocessor HD614023-FA93

Fluorescent lamp indicator is activated by receiving data from IC601 (system controller).

| Pin No. | Pin Name | I/O | Description |
|----------------------------------|---|-----------------------|---|
| 1~11 12 13 14~15 16 | S10-S0 VDISP SYNC | O — I | FL indicator tube(FL351) segment output Not used. (+5.6 V) Power supply for activating the FL indicator tube(-20V) Not used(GND) Interrupt input. Data transmission from IC601(system controller) is checked. |
| 17 18~25 26 27 28 | INT Vcc CLK DATA | I I — I I | Not used. (GND) Not used. (GND) Power supply terminal (+5.6V) Data transmission clock input from IC601 (system controller) Serial data input from IC601 (system controller) |
| 29 30~32 33 34 35 | SYNC HIGH DUB NORM DUB CD SYNC | I — O O O | Sync signal input which indicates the first byte of data sent from IC601 (system controller) Not used. (GND) LED (D301) light output in the high speed dubbing mode. LED (D301) light output in the normal speed dubbing mode. LED (D302) light output in the CD sync mode. |
| 36~38 39 40~42 43 44 | FLCHECK RESET TEST | I I I I | Not used. (GND) All the FL indicator tubes are lit when this port is set to "L". (Normally +5.6V) Not used. (GND) Reset input from IC601 (system controller). "L": Reset. Not used. (+5.6V) |
| 45 46 47 48~50 51 | OSC1 OSC2 GND | I O — | Clock input (4.19MHz) Clock output Power supply terminal (GND) Not used. (GND) Not used. (Pull-up) |
| 52~57 58~61 62~64 | G0 - G6 S11 - S13 | O O | FL indicator tube (FL351) grid output Not used. (+5.6V) FL indicator tube (FL351) segment output |

IC406 selector controller M50760-315FP

AV output is switched with the audio bus signal sent from the amplifier (TA-H6600).

| Pin No. | Pin Name | I/O | Description |
|----------------------------|---------------------------------|-----------------------|---|
| 1 2 3 4 5 | D3 A0 A1 CNVss | I O O — | Model selection input port. Connected to GND. Audio IN switch (IC403 and IC404) control output port. Not used. Audio IN switch (IC403 and IC404) control output port. Power supply terminal (GND) |
| 6 7 8 9 10 | Vss A2 B0 B1 | — O O O | Power supply terminal (GND) Audio IN switch (IC403 and IC404) control output port. Audio OUT switch (IC405) control output port. Audio OUT switch (IC405) control output port. Not used. |
| 11 12 13~14 15 | V0 V1 | O O | Video IN/OUT switch (IC407) control output port. Video IN/OUT switch (IC407) control output port. Not used. (GND) Not used. |
| 16 17 18 19 20 | RESET XOUT XIN S D0 | I O I I I | Reset input. "L": Reset Clock output. Clock input. Serial data input (audio bus) Serial data input (audio bus) |
| 21 22 23 24 | D1 D2 V _{DD} | I — I — | Model selection input port. Connected to +5V (pull up). Not used. Model selection input port. Connected to GND. Power supply terminal (+5V) |

IC601 system controller M50944-121FP

The system is wholly controlled by communication between IC351 (display microprocessor) and IC602 (mechanism controller).

| Pin No. | Pin Name | I/O | Description |
|---------|--------------|-----|---|
| 1 | KEY2 | I | Not used. (GND) |
| 2 | KEY1 | I | Not used. (GND) |
| 3 | SYNC | O | Sync signal output which indicates the first byte of data sent to IC351 (display microprocessor). |
| 4 | FL-SCK | O | Data transmission clock output to IC351 (display microprocessor). |
| 5 | FL-SO | O | Serial data output to IC351 (display microprocessor). |
| 6 | AU-BUS | O | Audio bus output. |
| 7 | AU-BUS | I | Audio bus input (negative edge). |
| 8 | POWER-IN | I | Power-off detection input. "L": Power OFF. |
| 9 | PB-SELECT | O | Deck A/B switch output in the playback mode. "L": deck B, "H": deck A. |
| 10 | AMS-SELECT | O | AMS amplifier input switch output |
| 11 | MD-REQ | I | Data request input from IC602 (mechanism controller) |
| 12 | MD-SCLK | O | Data transmission clock output to IC602 (mechanism controller) |
| 13 | MD-SO | O | Serial data output to IC602 (mechanism controller) |
| 14 | MD-SI | I | Serial data input from IC602 (mechanism controller) |
| 15 | | O | Not used. (GND) |
| 16 | RESET (MD) | O | IC602 (mechanism controller) reset signal output. |
| 17 | AU-BUS | I | Audio bus input (positive-edge) |
| 18 | RESET (DSP) | O | IC351 (display microprocessor) reset signal output. |
| 19 | GND | — | Power supply terminal. (GND) |
| 20 | RESET | I | System reset input. "L": Reset. |
| 21 | X-IN | I | Clock input (4MHz) |
| 22 | X-OUT | O | Clock output |
| 23 | XC-IN | I | Not used. (GND) |
| 24 | XC-OUT | O | Not used. (open) |
| 25 | VSS | — | Power supply terminal (GND) |
| 26 | N. C. | | Not used. (open) |
| 27 | TEST | I | Electrical adjustment test mode setting input This set enters into the test mode when the power is on and it is set to "L". *1 |
| 28 | VAR SELECT | I | Not used. (pull-up) |
| 29 | METAL (B) | I | Metal switch (S83) input for deck B. "H": Metal. |
| 30 | 70 μ (B) | I | Chrome switch (S82) input for deck B. "L": Normal |
| 31 | POWER-ON | O | Not used. (open) |
| 32~35 | | | Not used. (GND) |
| 36 | 70 μ (A) | I | Chrome switch (S83) input for deck A. "L": Normal. |
| 37 | AMS IN | I | Signal input from the AMS amplifier. "H": Detected, "L": Not detected. |
| 38 | N. C. | | Not used. (GND) |
| 39 | | | Not used. (GND) |
| 40 | EQ-HIGH | O | REC equalizer characteristic switch output "H": High speed, "L": Normal speed. |
| 41 | BIAS FADE | O | Not used. (GND) |
| 42 | BIAS (B) | O | Bias ON/OFF switch output. "H": OFF, "L": ON. |
| 43 | TYPE II (B) | O | Not used. (GND) |
| 44 | TYPE I (B) | O | Not used. (GND) |
| 45 | R.MUTE (B) | O | REC mute control output. "L": Mute ON, "H": Mute OFF. |
| 46 | RELAY (B) | O | Mechanism deck head switch control output. "L": ON. |
| 47 | DOLBY B | O | Dolby B/C switch control output. "L": Dolby C, "H": Dolby B. |
| 48 | DOLBY ON | O | Dolby ON/OFF switch control output. "L": ON, "H": OFF. |
| 49 | REC/PB | O | Dolby amplifier REC/PB switch output. "L": REC, "H": PB. |
| 50 | | O | Not used. (open) |
| 51 | PB 70 μ | O | Playback equalizer characteristic switch output. "H": normal, "L": chrome or metal |
| 52 | AMS/BS | O | Not used. |
| 53 | PASS | O | PASS amplifier switch output for LINE OUT. "L": PASS amplifier, "H": Through. |

| Pin No. | Pin Name | I/O | Description |
|---------|-----------|-----|---|
| 54 | LINE-MUTE | O | Line mute control output. "L": MUTE OFF, "H": MUTE ON |
| 55 | AVCC | — | Power supply terminal. (+5V) |
| 56 | VCC | — | Power supply terminal. (+5V) |
| 57 | AVSS | — | Power supply terminal (GND) |
| 58 | V.REF | I | Reference voltage input for A/D input port (+5 V) |
| 59 | METER (R) | I | Level meter signal input (R-CH) |
| 60 | METER (L) | I | Level meter signal input (L-CH) |
| 61 | VOL DATA | I | Not used. (GND) |
| 62 | KEY5 | I | Not used. (GND) |
| 63 | KEY4 | I | Key input. (analog) *2 |
| 64 | KEY3 | I | Key input. (analog) *2 |

*1 Test mode

When the power is on and pin ⑦ is set to "L" (TP601 is shortened.), the set enters the electrical adjustment test mode and the followings can be available.

(1) High speed playback

When A or B deck is in the playback mode and a resistor of 150 Ω is connected to both the terminals of TP6001 (main board), the set can be entered the high speed playback mode.

(2) Source monitor

Recording signals can be monitored through the LINE OUT terminal (see page 6) because the line short is removed in recording.

(3) Recording memory

Recording memory is set to ON when the tape counter is reset at the record start point.

(4) Mode display

The counter displays as shown in the A figure when the counter mode is set to the deck A and the deck A button of deck A/B switch is pressed, or when the counter mode is the B deck and the B deck button is pressed.

(5) When this terminal is set back to "H" after it is set to the test mode in "L" of the power-on mode, all the FL indicator tubes are lit.

(The mechanism block continues to operate as before it is set to "H".)

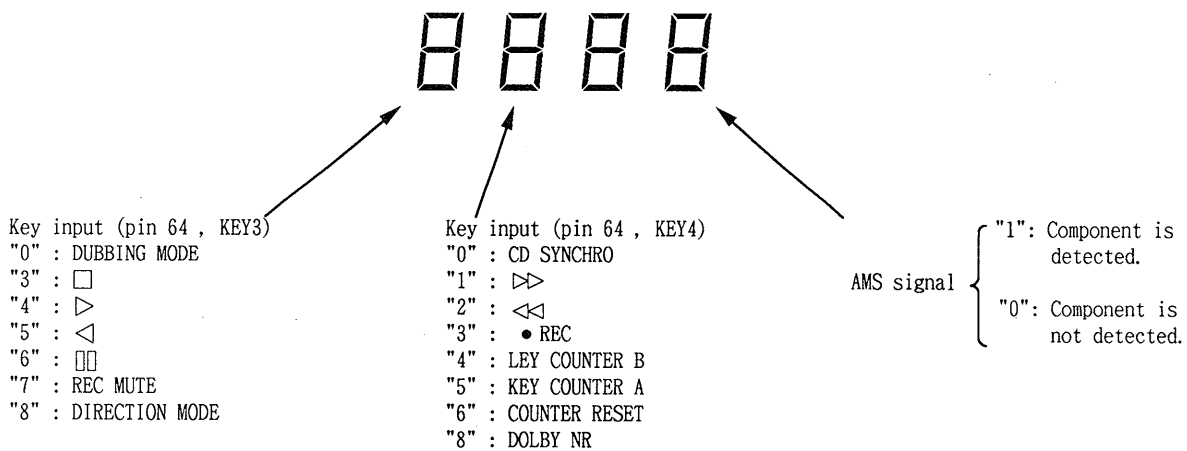


Figure A

*2 Key input (analog port)

| Voltage(V) | 0 | 0.3 | 0.7 | 1.2 | 1.7 | 2.3 | 2.8 | 3.3 | 4.0 |
|--------------|--------------|-----|-----|-------|---------------|---------------|---------------|------------|----------------|
| Pin 63, KEY4 | CD SYNCHRO | ◁◁ | ▷▷ | ● REC | KEY COUNTER B | KEY COUNTER A | COUNTER RESET | | DOLBY NR |
| Pin 64, KEY3 | DUBBING MODE | | | □ | ▷ | ◁ | ◻◻ PAUSE | ● REC MUTE | DIRECTION MODE |

IC602 mechanism controller M50925-482FP

The mechanism deck is controlled by receiving data from IC601 (system controller).

| Pin No. | Pin Name | I/O | Description |
|---------|-----------|-----|---|
| 1 | RESET | I | Reset input from IC601 (system controller). "L": Reset. |
| 2 | STOP-A | I | Deck A stop switch (S81) input. "H": Stop. |
| 3 | AVSS | — | Power supply terminal (GND) |
| 4 | Vref | I | A/D input port reference voltage input. |
| 5 | A/D. IN-B | I | Deck B leaf switch input (analog). *1 |
| 6 | A/D. IN-A | I | Deck A leaf switch input (analog). *1 |
| 7 | AVDD | — | Power supply terminal. (+5V) |
| 8 | N. C. | | |
| 9 | T. REEL-B | I | Not used. (GND) |
| 10 | S. REEL-B | I | Deck B supply reel table sensor (IC81) |
| 11 | T. REEL-A | I | Not used. (GND) |
| 12 | S. REEL-A | I | Deck A supply reel table sensor (IC81) |
| 13~14 | N. C. | | |
| 15 | CM. ON-A | O | Deck A capstan motor (M102) ON/OFF control output. "L": OFF, "H": ON. |
| 16 | CM. ON-B | O | Deck B capstan motor (M102) ON/OFF control output. "L": OFF, "H": ON. |
| 17 | GND | — | Power supply terminal. (GND) |
| 18 | VSS | — | Power supply terminal. (GND) |
| 19 | CM. H/L | O | Capstan motor (M102) speed switch output. "H": High speed, "L": Normal. |
| 20 | FWD-B | O | } Deck B reel motor control output. *2 The reel motor is activated by combining these three outputs. |
| 21 | TRIG-B | O | |
| 22 | FWD-B | O | |
| 23 | RWD-A | O | } Deck A reel motor control output. *2 The reel motor is activated by combining these three outputs. |
| 24 | TRIG-A | O | |
| 25 | FWD-A | O | |
| 26 | N. C. | | |
| 27 | S. REQ | O | Data request output to IC601 (system controller). |
| 28 | S. CLK | I | Data transmission clock input from IC601 (system controller). |
| 29 | S. OUT | O | Serial data output to IC601 (system controller). |
| 30 | S.IN | I | Serial data input from IC601 (system controller). |
| 31~32 | N. C. | | |
| 33 | XOUT | O | Clock output. |
| 34 | XIN | I | Clock input. |
| 35 | STOP-B | I | Deck B stop switch (S81) input. "H": Stop. |
| 36 | VDD | — | Power supply terminal. (+5V) |

*1 HALF, REC safety tab leaf switch input

| Voltage | | 1 | 1.9 | 2.8 | 3.9 | 5 |
|------------------------|-----|-------------|-----|-----|-----|-----|
| | | Leaf switch | | | | |
| Half | S86 | ON | | | | OFF |
| REC safety tab, side A | S84 | OFF | ON | OFF | ON | OFF |
| REC safety tab, side B | S85 | ON | ON | OFF | OFF | OFF |

↑ ↑ ↑ ↑ ↑
 REC REC REC inhibit REC Tape is not
 available for available for for both sides available for set.
 only side B. both sides A for both sides only side A.
 A and B.

} Tape is set.

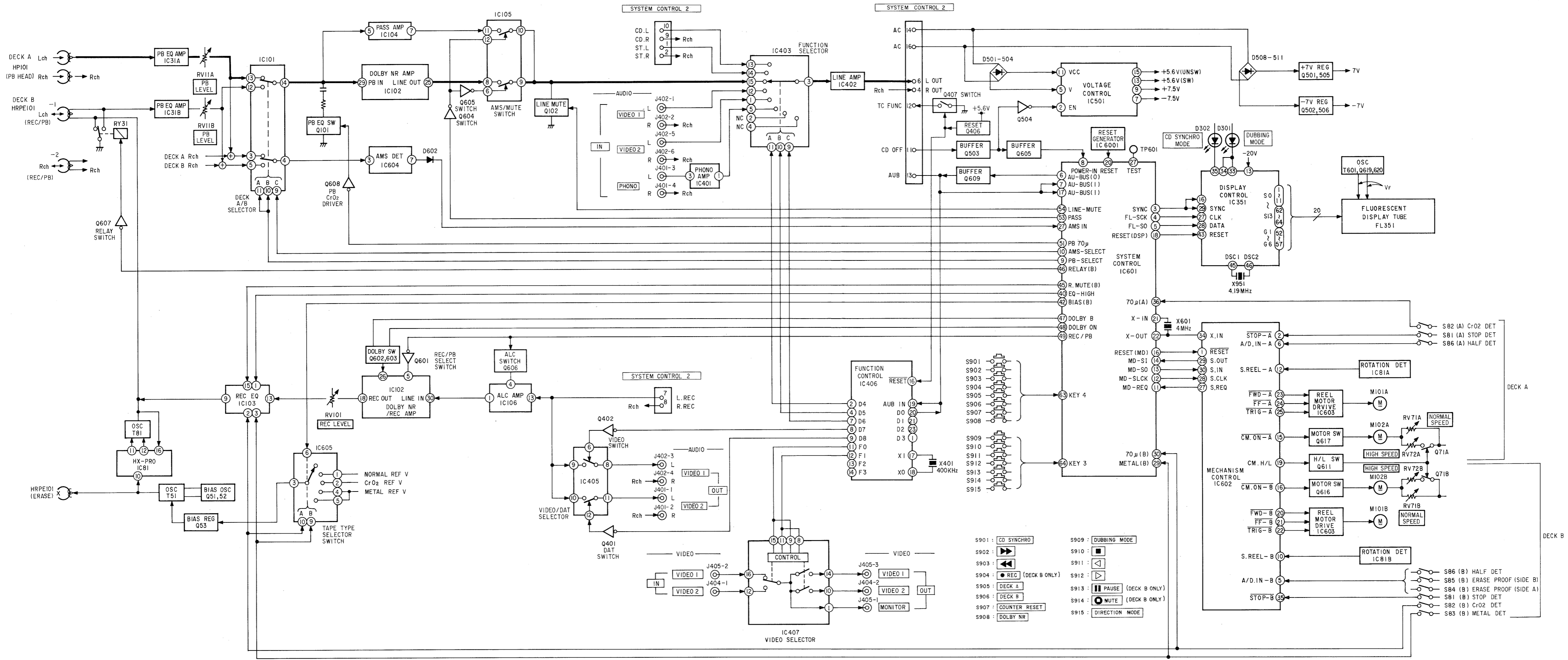
*2 Reel motor drive

| Mode | | FF | TRIG (kick) | STOP | FWO |
|--------------|------|-------------|-------------|------|-----|
| | | Output port | | | |
| Pins ② and ④ | FF | L | H | L | L |
| Pins ② and ⑤ | TRIG | H | L | L | H |
| Pins ② and ③ | FWD | H | H | L | L |

Reel motor drive amplifier output voltage

| Output | Voltage |
|---------|---------|
| TRIG | +6V |
| FF. REW | -5V |
| FWD | -3V |

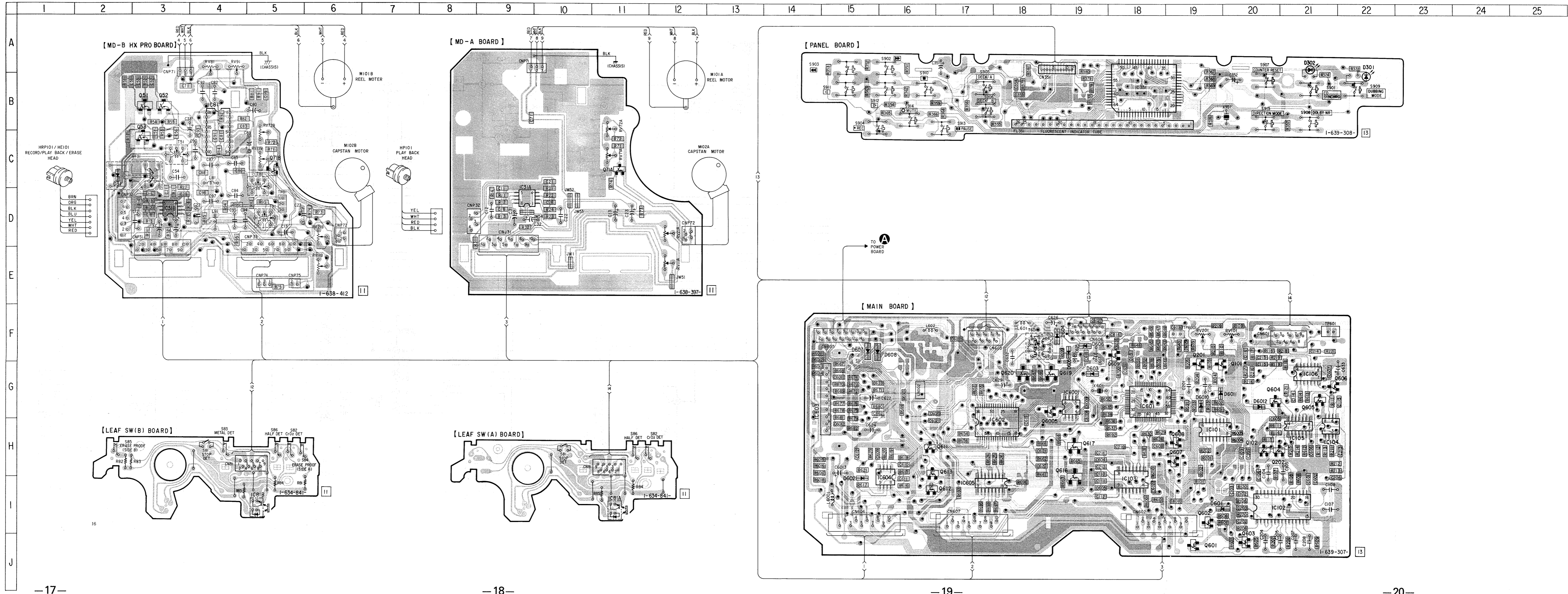
5-2. BLOCK DIAGRAM



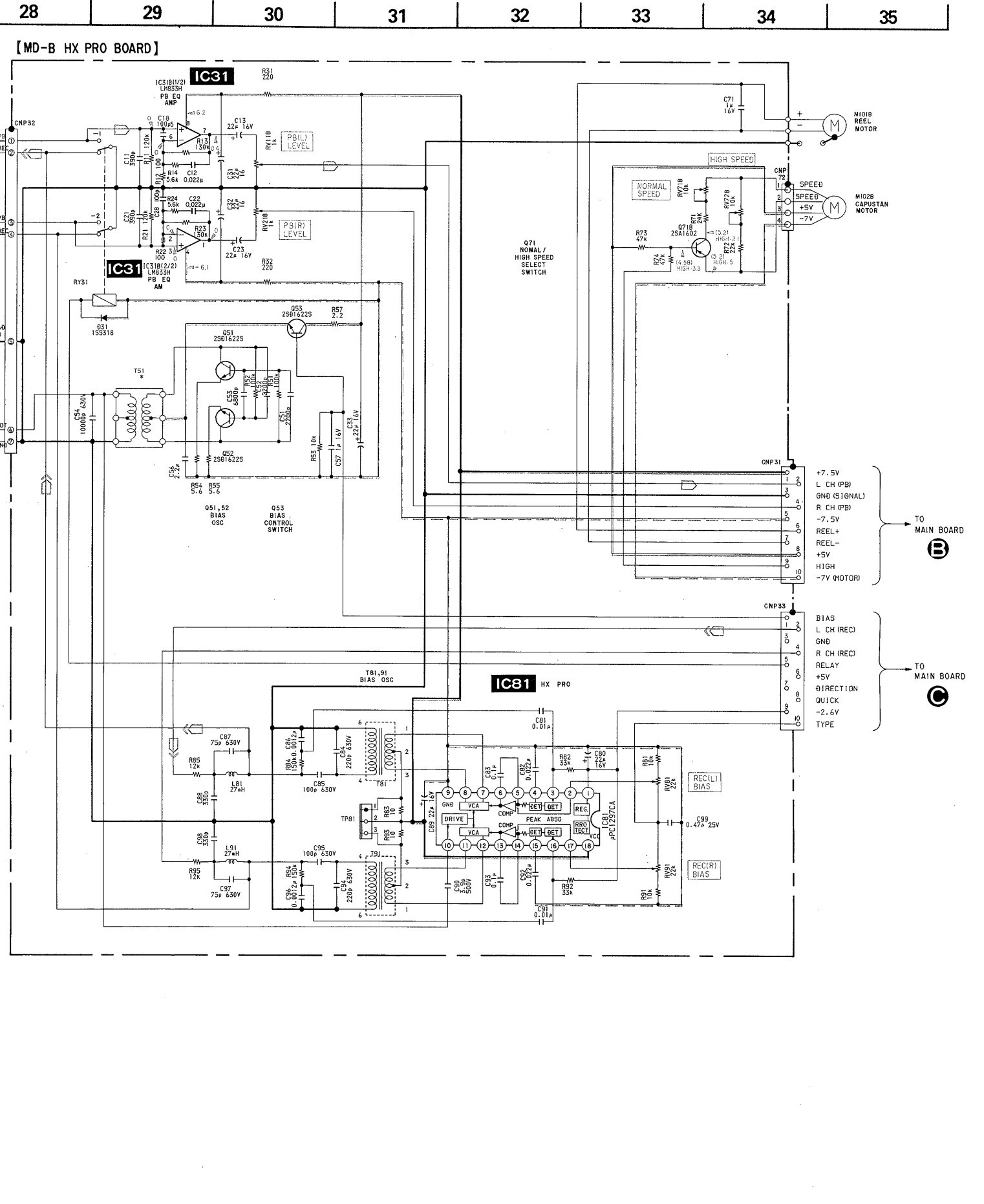
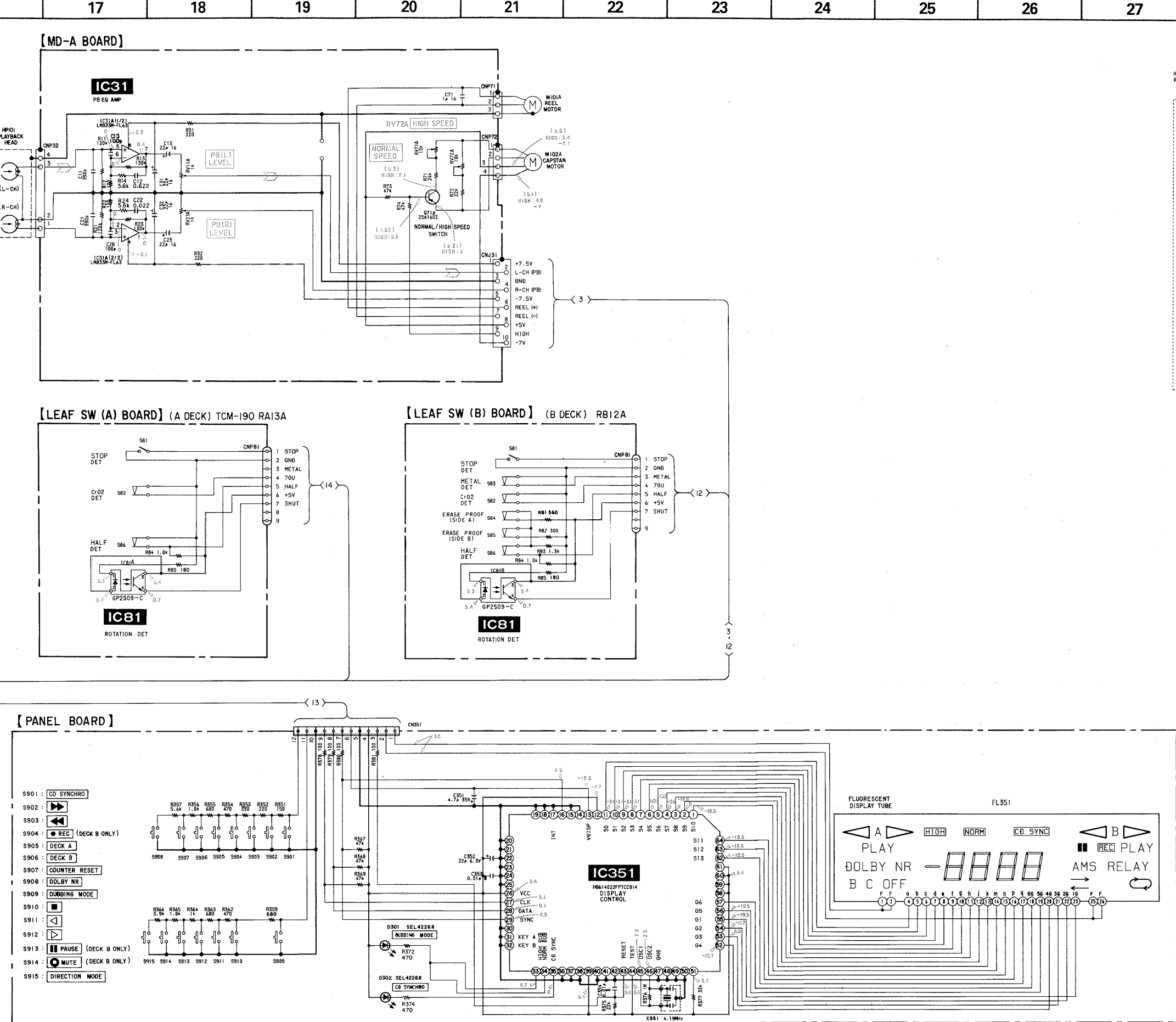
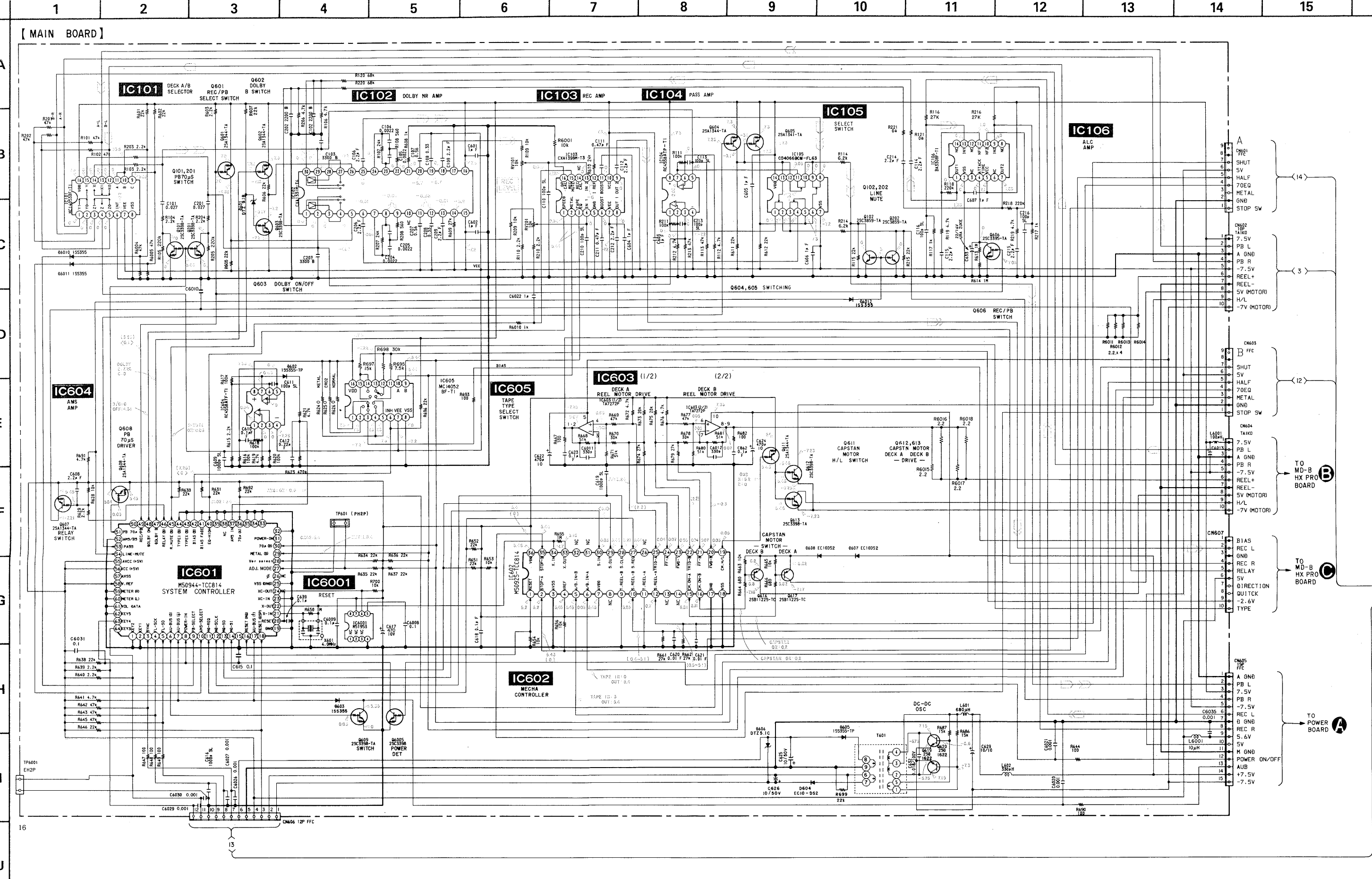
• Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D31 | C-2 |
| D301 | B-24 |
| D302 | A-23 |
| D601 | I-21 |
| D602 | I-15 |
| D603 | G-19 |
| D604 | F-19 |
| D605 | F-19 |
| D606 | F-19 |
| D607 | F-15 |
| D608 | F-16 |
| D6010 | G-21 |
| D6011 | G-21 |
| D6012 | G-22 |
| IC31-A | D-9 |
| IC31-B | D-3 |
| IC81 | C-4 |
| IC81-A | I-11 |
| IC81-B | I-5 |
| IC101 | H-21 |
| IC102 | I-23 |
| IC103 | I-20 |
| IC104 | H-23 |
| IC105 | H-23 |
| IC106 | G-23 |
| IC351 | B-20 |
| IC601 | G-20 |
| IC602 | H-18 |
| IC603 | G-15 |
| IC604 | I-16 |
| IC605 | I-17 |
| IC6001 | G-19 |
| Q51 | B-3 |
| Q52 | B-3 |
| Q53 | C-3 |
| Q71-A | C-11 |
| Q71-B | C-5 |
| Q101 | G-21 |
| Q102 | H-22 |
| Q201 | G-21 |
| Q202 | H-22 |
| Q601 | J-21 |
| Q602 | I-21 |
| Q603 | J-22 |
| Q604 | G-22 |
| Q605 | G-23 |
| Q606 | G-23 |
| Q607 | H-21 |
| Q608 | H-21 |
| Q609 | F-20 |
| Q611 | H-16 |
| Q612 | I-16 |
| Q613 | H-16 |
| Q616 | I-19 |
| Q617 | H-19 |
| Q619 | G-19 |
| Q620 | G-18 |
| Q6005 | G-19 |

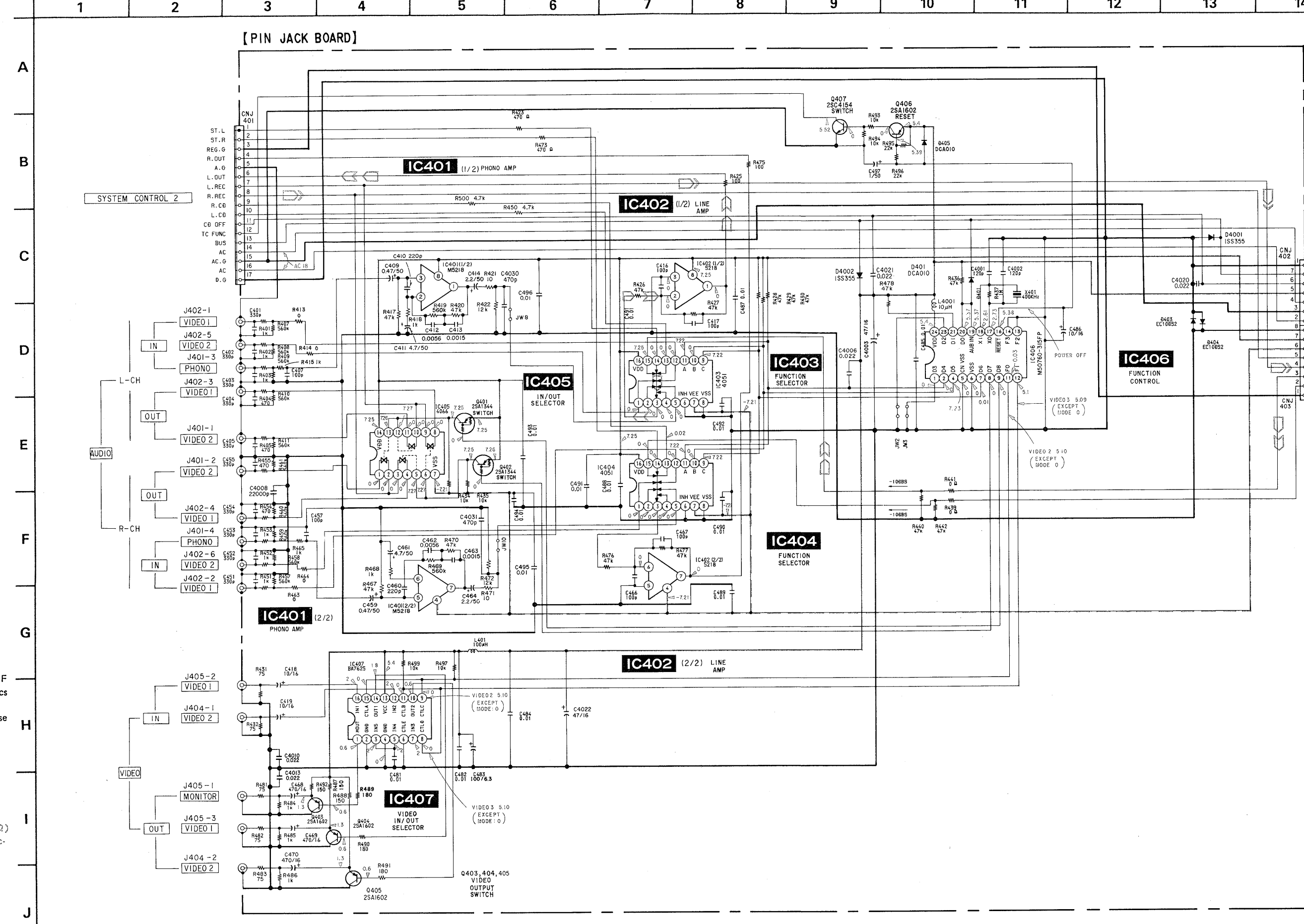
Note on Mounting Diagram:
 • — : parts extracted from the component side.
 • — : parts mounted on the conductor side.
 • — : Through hole.
 • — : Pattern on the side which is seen.
 • — : Pattern of the rear side.



5-4. SCHEMATIC DIAGRAM - MAIN SECTION - See page 26 for Note on Schematic Diagram. See page 35 for Ic Block Diagram.

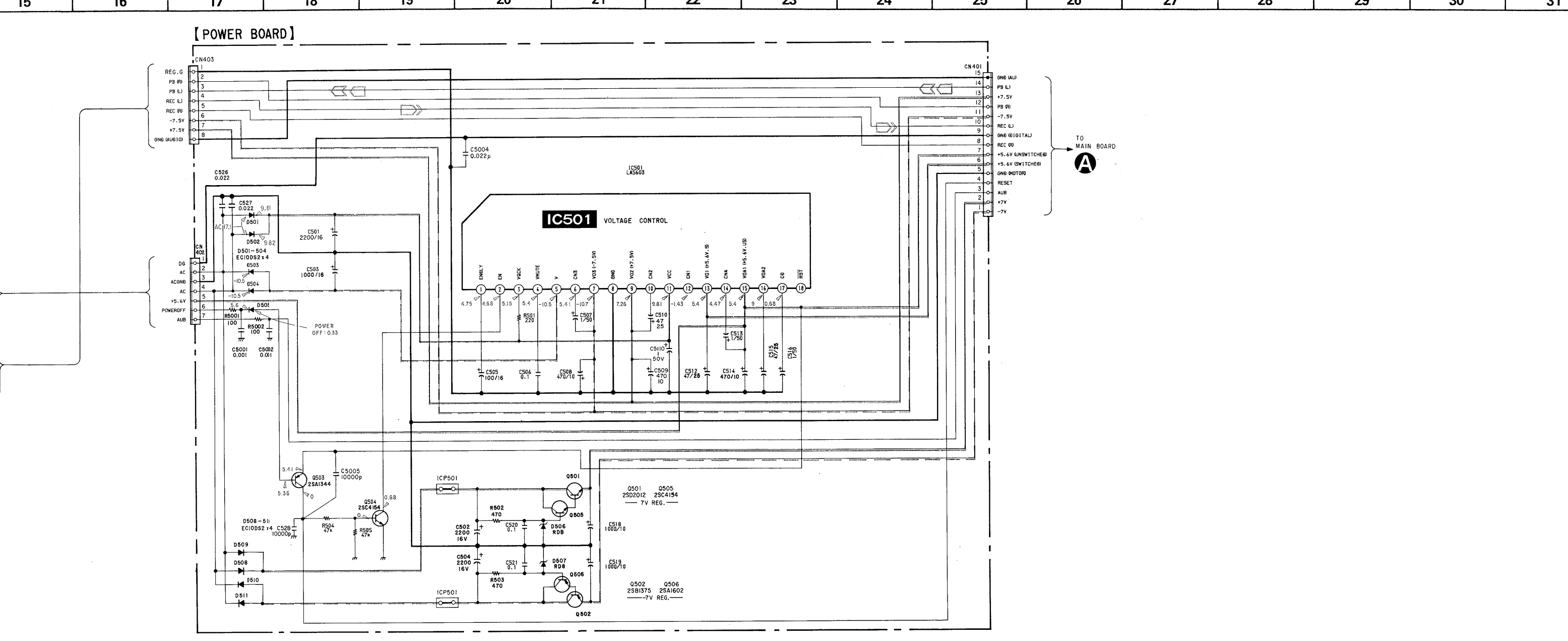


5-5. SCHEMATIC DIAGRAM - PIN JACK SECTION - See page 35 for IC Block Diagram.



Note on Schematic Diagram:

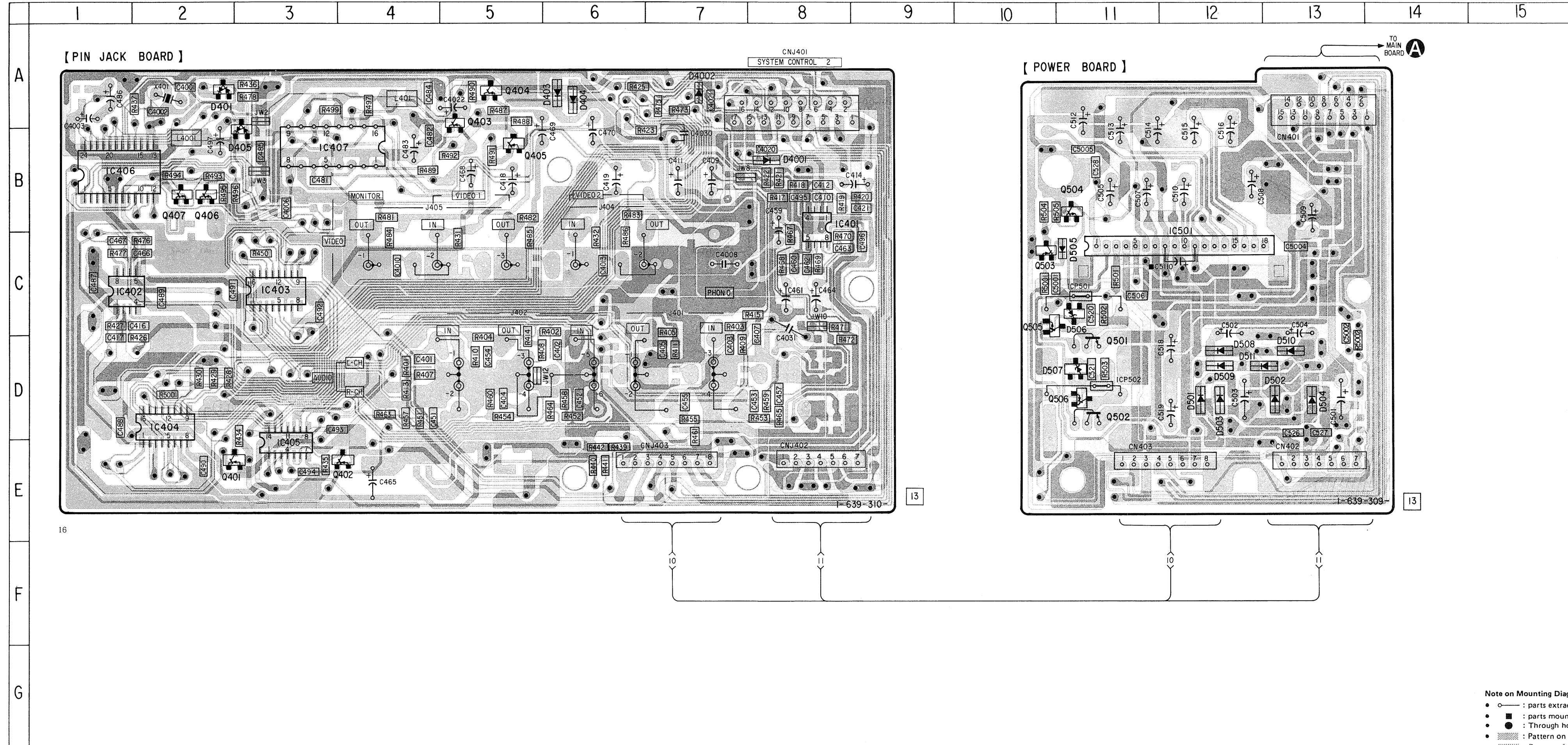
- All capacitors are in μF unless otherwise noted. pF: μF F
- All resistors are in Ω and $\frac{1}{2}W$ or less unless otherwise specified.
- : B+ Line
- : B- Line
- : adjustment for repair.
- no mark: STOP
- { : PB
- < : REC
- Voltages are taken with a VOM (Input impedance $10M\Omega$)
- Voltage variations may be noted due to normal production tolerances.
- Signal path.
- ▷ : PB (DECK A)
- ◁ : PB (DECK B)
- ◁▷ : REC (DECK B)



Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF: μF F
- All resistors are in Ω and $\frac{1}{2}W$ or less unless otherwise specified.
- : B+ Line
- : B- Line
- : adjustment for repair.
- no mark: STOP
- { : PB
- < : REC
- Voltages are taken with a VOM (Input impedance $10M\Omega$)
- Voltage variations may be noted due to normal production tolerances.
- Signal path.
- ▷ : PB (DECK A)
- ◁ : PB (DECK B)
- ◁▷ : REC (DECK B)

5-6. PRINTED WIRING BOARDS - PIN JACK SECTION - See page 34 for Semiconductor Lead Layouts and Circuit Boards Location.



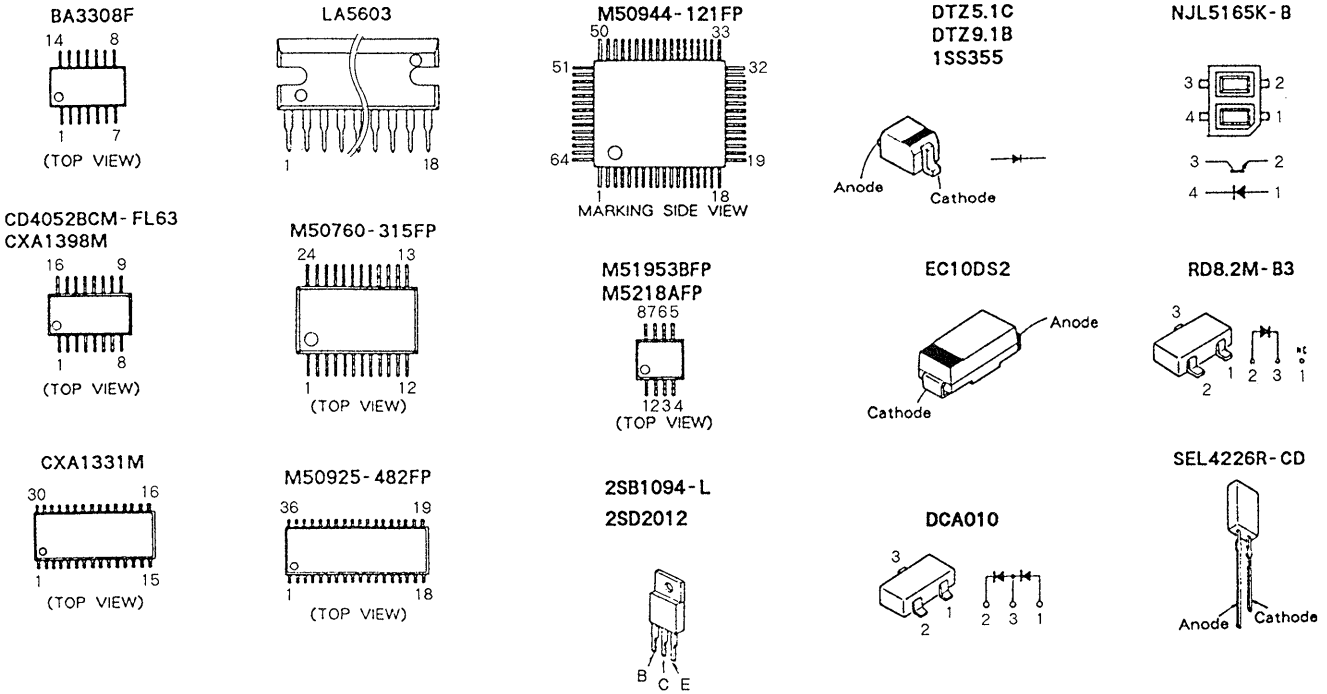
• Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D401 | A-2 |
| D403 | A-6 |
| D404 | A-6 |
| D405 | B-3 |
| D501 | D-12 |
| D502 | D-13 |
| D503 | D-12 |
| D504 | D-13 |
| D505 | C-11 |
| D506 | C-11 |
| D507 | D-11 |
| D508 | D-12 |
| D509 | D-12 |
| D510 | D-13 |
| D511 | D-13 |
| D4001 | B-8 |
| D4002 | A-7 |
| IC401 | C-8 |
| IC402 | C-1 |
| IC403 | C-3 |
| IC404 | D-2 |
| IC405 | E-3 |
| IC406 | B-1 |
| IC407 | B-3 |
| IC501 | C-12 |
| Q401 | E-3 |
| Q402 | E-4 |
| Q403 | A-5 |
| Q404 | A-5 |
| Q405 | A-5 |
| Q406 | B-2 |
| Q407 | B-2 |
| Q501 | D-11 |
| Q502 | D-11 |
| Q503 | C-10 |
| Q504 | B-11 |
| Q505 | C-10 |
| Q506 | D-11 |

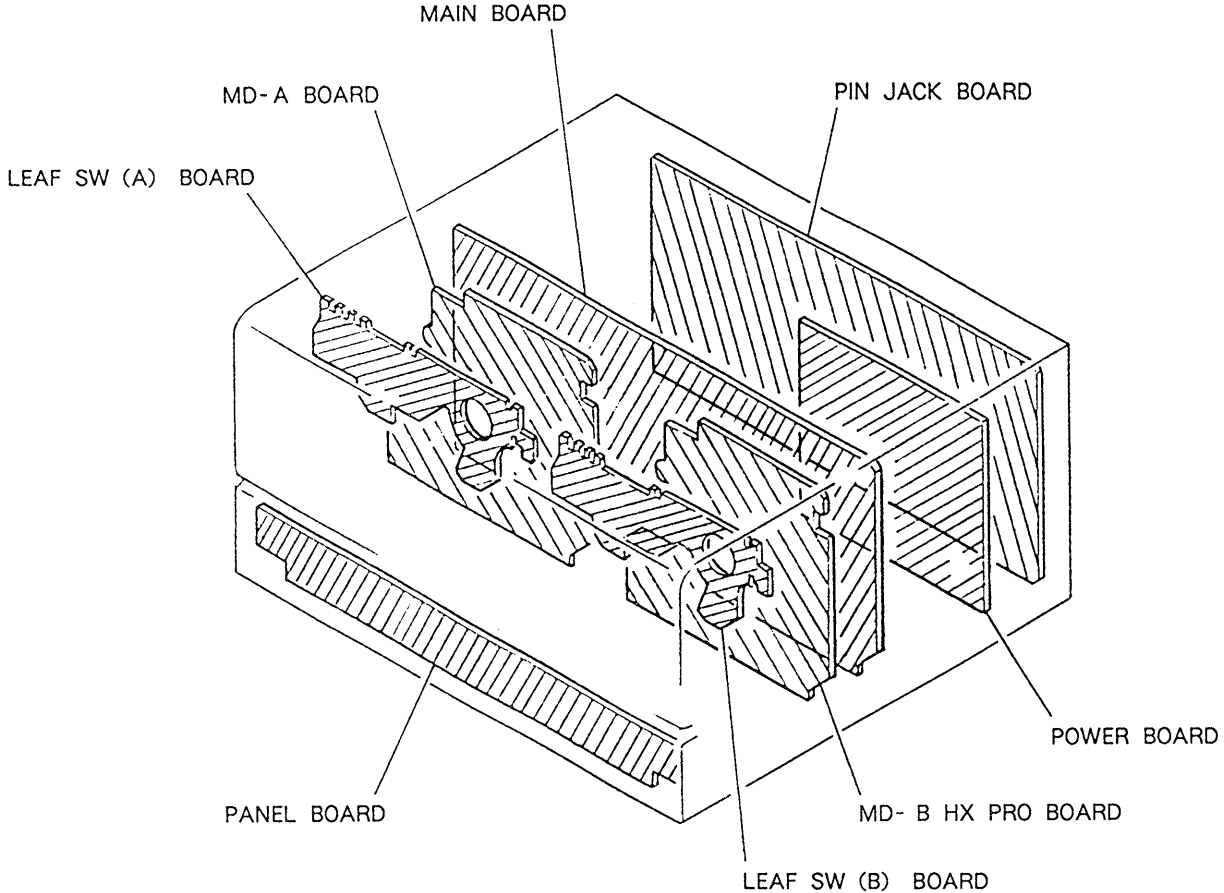
TO MAIN BOARD **A**

Note on Mounting Diagram:
 • ○ — : parts extracted from the component side.
 • ■ : parts mounted on the conductor side.
 • ● : Through hole.
 • ▨ : Pattern on the side which is seen.
 • ○ ▨ : Pattern of the rear side.

5-7. SEMICONDUCTOR LEAD LAYOUTS

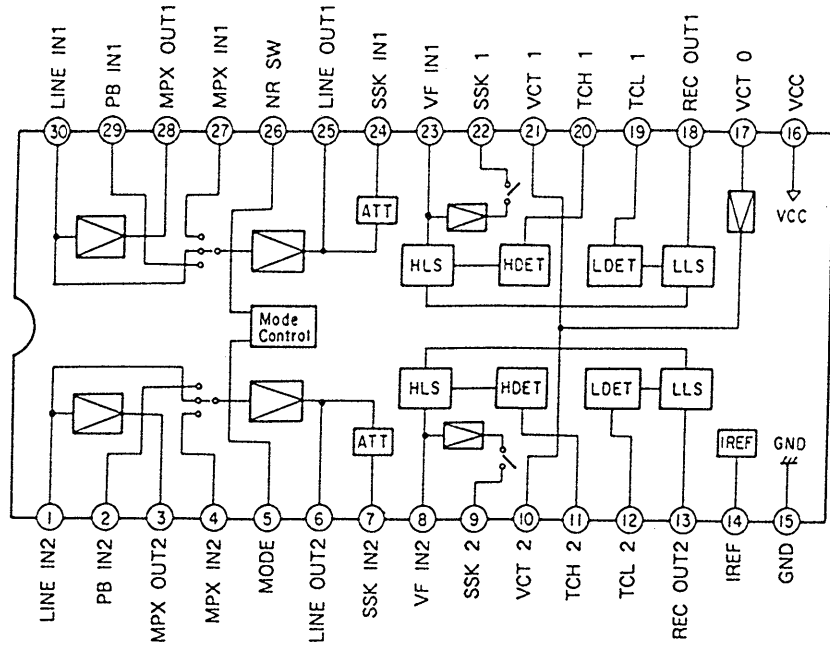


5-8. CRICUIT BOARDS LICATION

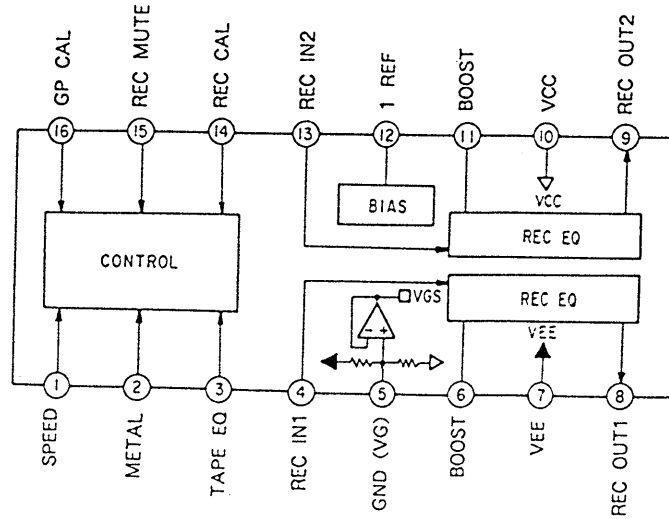


5-9. IC BLOCK DIAGRAM

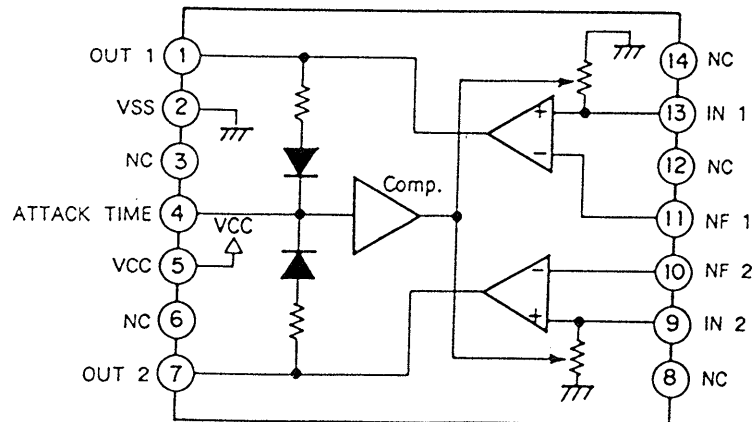
IC102 CXA1331M



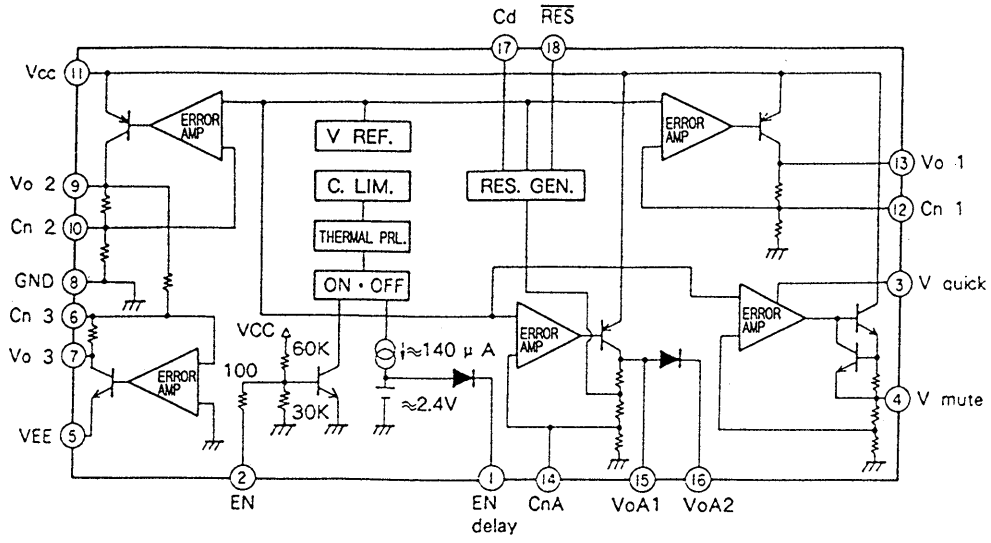
IC103 CXA1398M



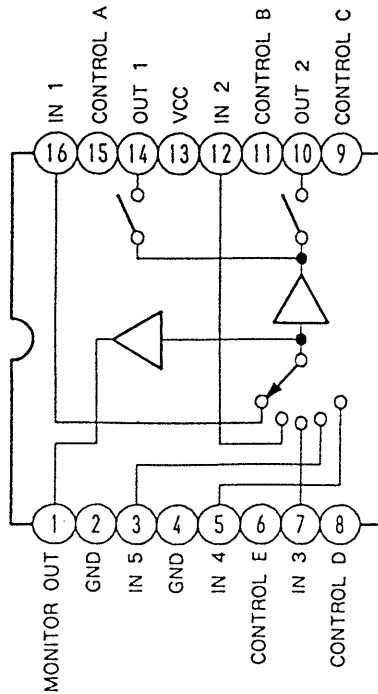
IC106 BA3308F



IC501 LA5603



IC407 BA7625



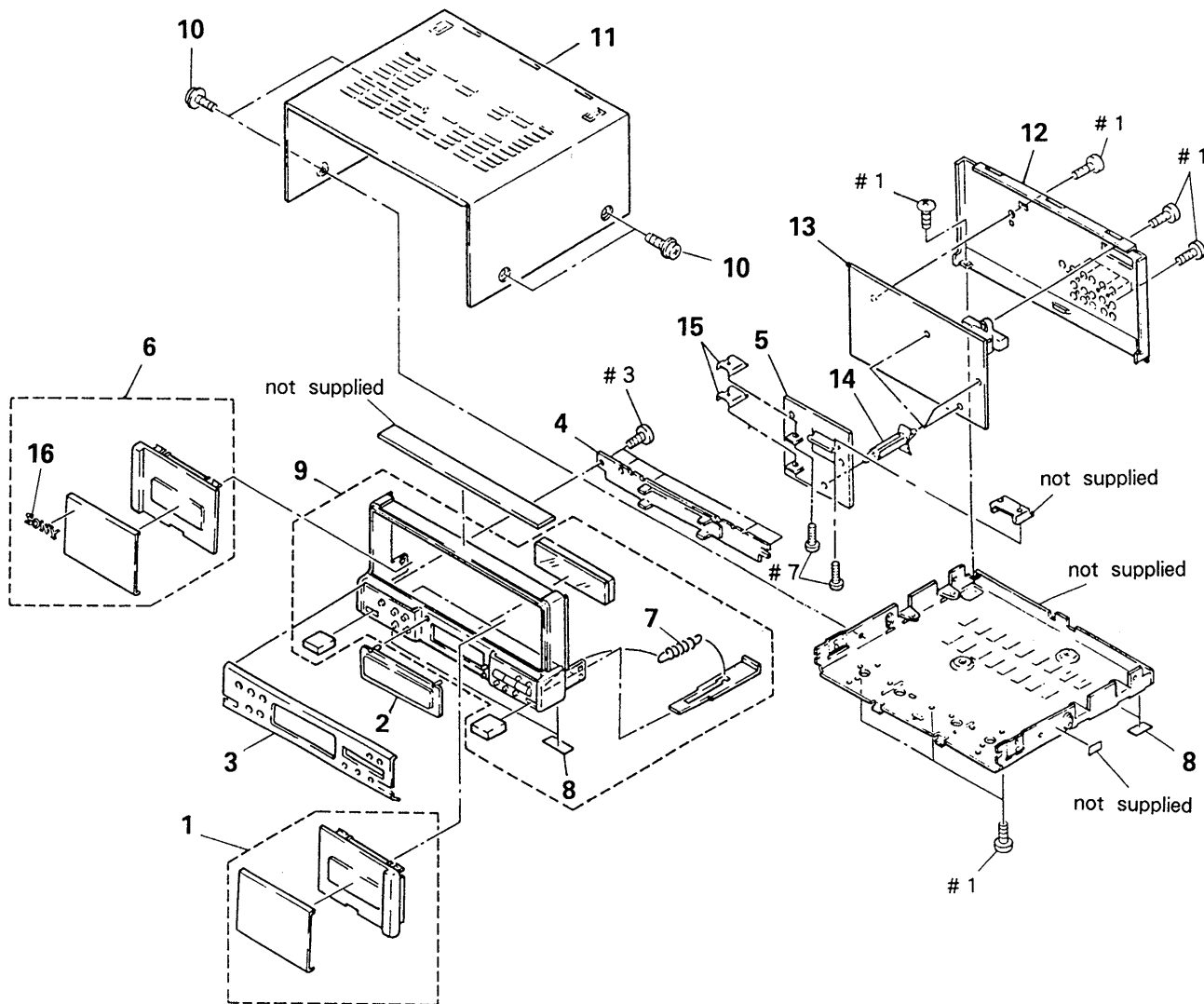
SECTION 6 EXPLODED VIEWS

NOTE :

- - XX, - X mean standardized parts, so they may have some differences from the original one.
- Color Indication of Appearance Parts
Example :
KNOB, BALANCE (WHITE)...(RED)

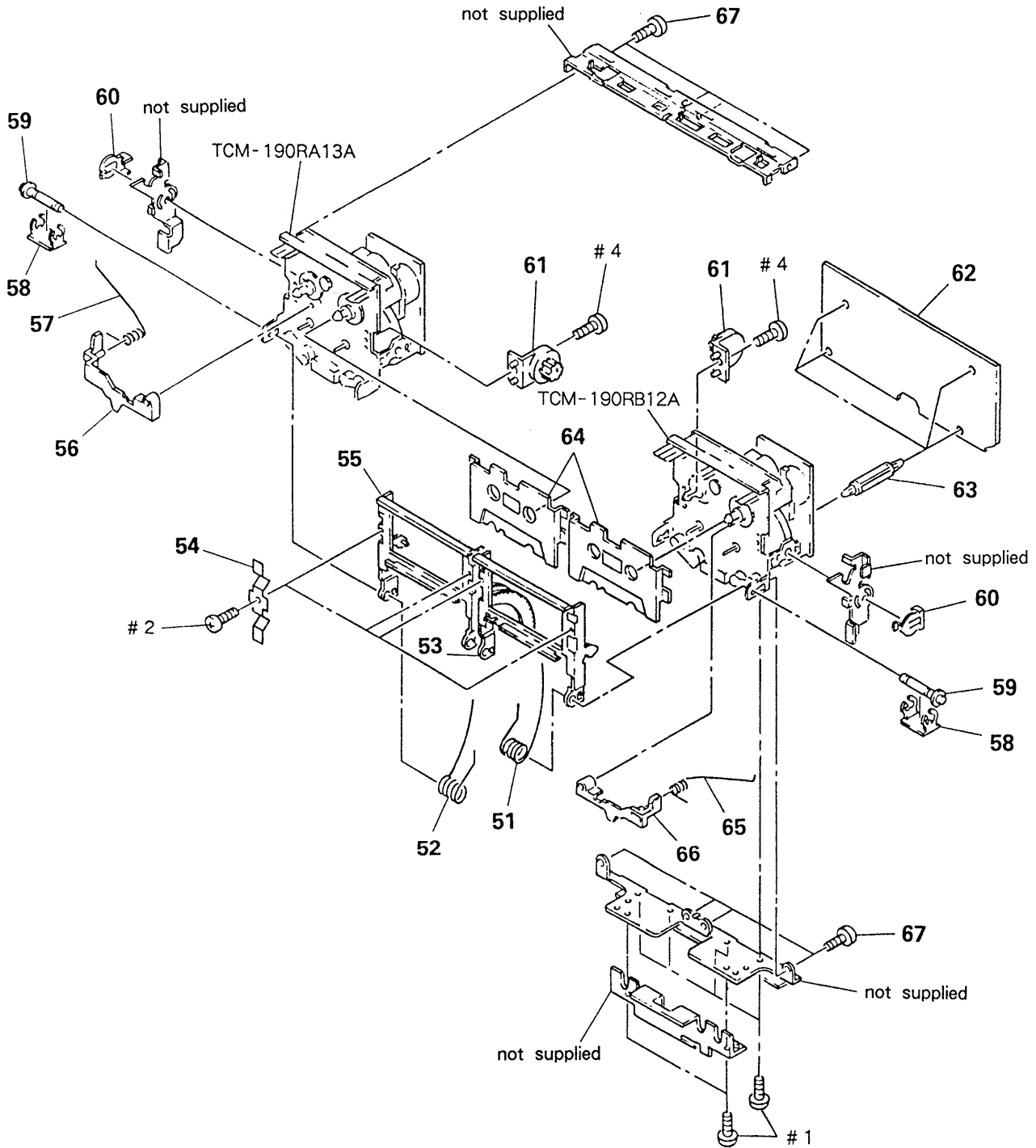
| | |
|-------------|-----------------|
| ↑ | ↑ |
| Parts color | Cabinet's color |
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list is given in the last of this parts list.

6-1. FRONT PANEL SECTION-1



| Ref. No. | Part No. | Description | Remarks | Ref. No. | Part No. | Description | Remarks |
|----------|----------------|---------------------------|---------|----------|----------------|-------------------------|---------|
| 1 | X-3363-046-1 | LID (B) ASSY, CASSETTE | | 9 | X-3362-925-1 | PANEL ASSY, FRONT | |
| 2 | X-3362-924-1 | WINDOW (PANEL) ASSY | | 10 | 3-363-099-01 | SCREW (CASE +3X8 TP2) | |
| 3 | 3-367-891-01 | PLATE (PANEL), ORNAMENTAL | | 11 | * 4-932-841-01 | CASE | |
| 4 | * A-2006-413-A | PANEL BOARD | | 12 | * 3-366-761-11 | PANEL, BACK | |
| 5 | * A-2006-612-A | POWER BOARD | | 13 | * A-2006-416-A | PIN JACK BOARD | |
| 6 | X-3363-140-1 | LID (A) ASSY, CASSETTE | | 14 | * 3-703-353-02 | SUPPORT, PC BOARD | |
| 7 | 3-567-110-00 | SPRING, TENSION | | 15 | * 3-309-144-21 | HEAT SINK | |
| 8 | 4-930-336-01 | FOOT (FELT) | | 16 | 4-942-636-01 | EMBLEM (NO. 3. 5), SONY | |

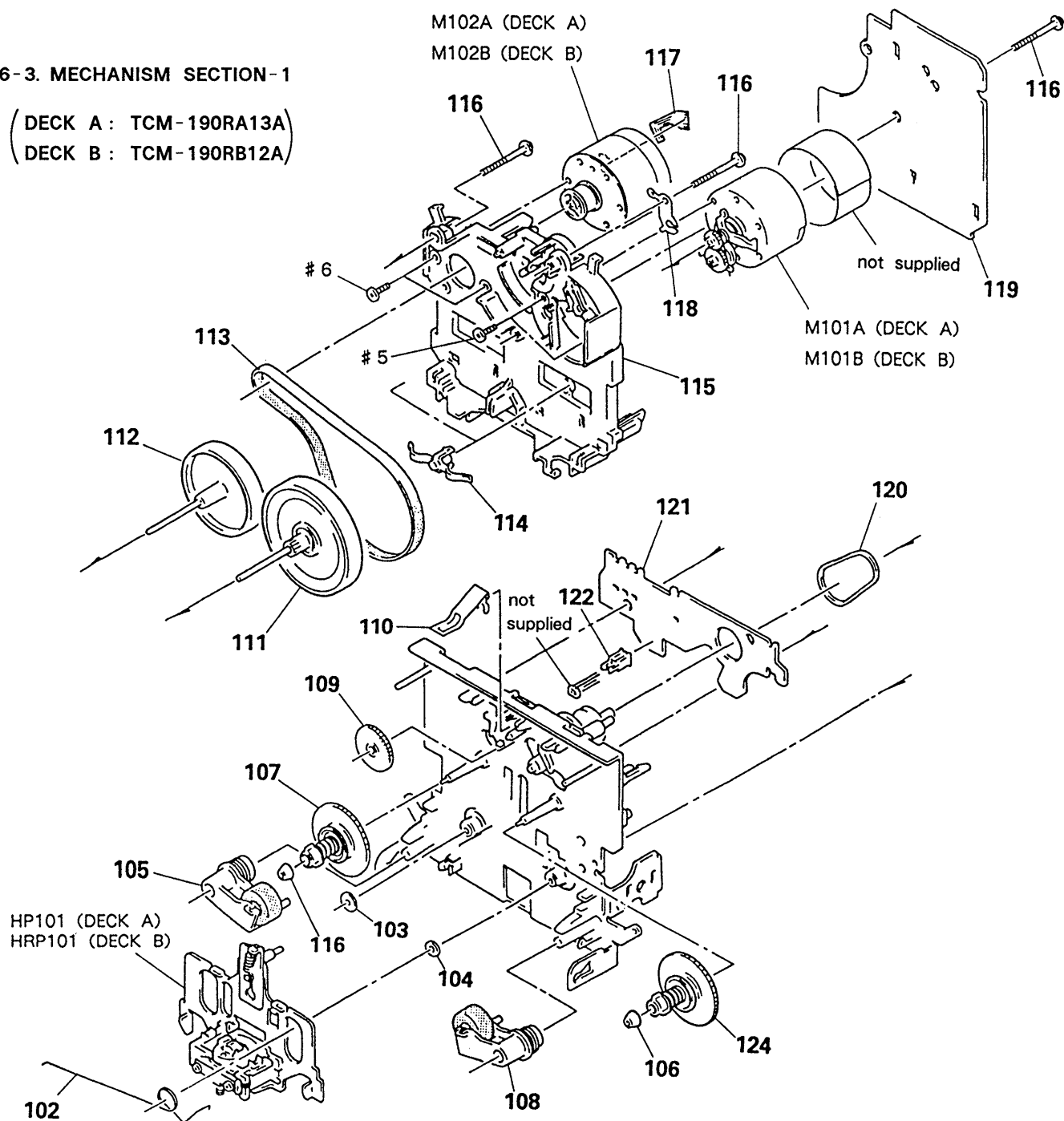
6-2. FRONT PANEL SECTION-2



| Ref. No. | Part No. | Description | Remarks | Ref. No. | Part No. | Description | Remarks |
|----------|--------------|-----------------------------|---------|----------|----------------|----------------------------|---------|
| 51 | 3-354-960-01 | SPRING (LOADING R), TORSION | | 60 | 3-354-957-01 | JOINT (LOCK LEVER) | |
| 52 | 3-354-959-01 | SPRING (LOADING L), TORSION | | 61 | 3-354-963-01 | DAMPER | |
| 53 | X-3362-856-1 | HOLDER (R) ASSY, CASSETTE | | 62 | * A-2006-412-A | MAIN BOARD | |
| 54 | 3-340-137-01 | SPRING, CASSETTE RETAINER | | 63 | * 3-682-419-21 | HOLDER, P. C. B | |
| 55 | X-3362-857-1 | HOLDER (L) ASSY, CASSETTE | | 64 | 3-367-711-01 | RETAINER, CASSETTE | |
| 56 | 3-354-955-01 | LEVER (EJ SAFTY LEVER L) | | 65 | 3-354-962-01 | SPRING (EJ SAFTY SPRING R) | |
| 57 | 3-354-961-01 | SPRING (EJ SAFTY SPRING L) | | 66 | 3-354-956-01 | LEVER (EJ SAFTY LEVER R) | |
| 58 | 3-367-720-01 | RING (W), RETAINING | | 67 | 4-928-635-01 | SCREW, +BV (2.6X8) TAPPING | |
| 59 | 3-367-721-01 | SHAFT (FULCRUM SHAFT) | | | | | |

6-3. MECHANISM SECTION-1

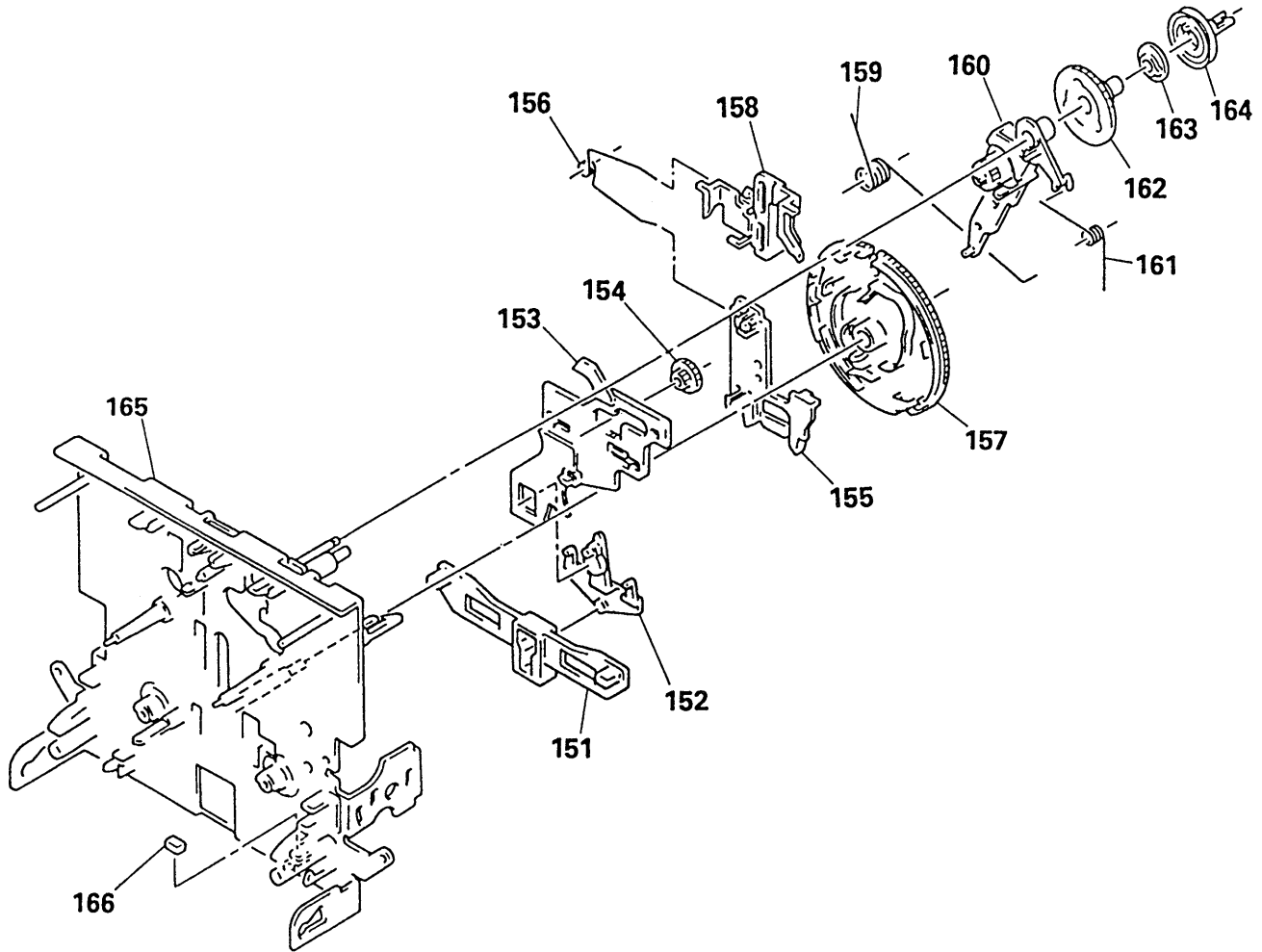
(DECK A : TCM-190RA13A)
 (DECK B : TCM-190RB12A)



| Ref. No. | Part No. | Description | Remarks | Ref. No. | Part No. | Description | Remarks |
|----------|----------------|---------------------------------|---------|----------|----------------|-------------------------------------|---------|
| 102 | 3-359-455-01 | SPRING, TORSION | | 117 | 1-638-983-11 | PC BOARD, MOTOR FLEXIBLE | |
| 103 | 3-356-714-01 | WASHER | | 118 | 3-359-450-01 | PLATE, GROUND | |
| 104 | 3-356-713-01 | WASHER | | 119 | * A-2006-401-A | MD-B HX PRO BOARD (DECK B) | |
| 105 | X-3359-409-1 | LEVER (PINCH LEVER REV) ASSY | | | * A-2006-399-A | MD-A BOARD (DECK A) | |
| 106 | 3-362-308-01 | CAP (REEL) | | 120 | 3-359-466-01 | BELT (FR), SQUARE | |
| 107 | X-3362-078-1 | TABLE ASSY (B), REEL | | 121 | * 1-634-841-11 | LEAF SW(A) BOARD (DECK A) | |
| 108 | X-3359-408-1 | LEVER (PINCH LEVER FWD) ASSY | | | * 1-634-841-11 | LEAF SW(B) (DECK B) | |
| 109 | 3-359-424-01 | GEAR (REV GEAR) | | 122 | 3-343-419-01 | HOLDER (S SENSOR A) | |
| 110 | 3-359-430-01 | SPRING(CASSETTE RETAINER), LEAF | | 124 | X-3359-404-1 | TABLE ASSY, REEL | |
| 111 | X-3359-406-1 | FLYWHEEL (FWD) COMPLETE ASSY | | HP101 | A-2003-868-A | BASE ASSY, HEAD (DECK A) | |
| 112 | X-3359-410-1 | FLYWHEEL (REV) ASSY | | HRP101 | A-2003-838-A | BASE ASSY, HEAD (DECK B) | |
| 113 | 3-359-417-01 | BELT (FLAT), CAPSTAN | | M101A | A-2003-474-A | MOTOR (REEL MOTOR) ASSY (DECK A) | |
| 114 | 3-575-321-00 | RETAINER, THRUST, CAPSTAN | | M101B | A-2003-474-A | MOTOR (REEL MOTOR) ASSY (DECK B) | |
| 115 | * 3-359-436-01 | BASE (THRUST RETAINER), FITTING | | M102A | X-3359-417-1 | MOTOR (CAPSTAN MOTOR) ASSY (DECK A) | |
| 116 | 3-359-414-01 | SCREW (+PTPWH 2X23) | | M102B | X-3359-417-1 | MOTOR (CAPSTAN MOTOR) ASSY (DECK B) | |

6-4. MECHANISM SECTION-2

(DECK A : TCM-190RA13A)
 (DECK B : TCM-190RB12A)



| Ref. No. | Part No. | Description | Remarks | Ref. No. | Part No. | Description | Remarks |
|----------|----------------|-------------------------|---------|----------|--------------|----------------------------------|---------|
| 151 | * 3-359-425-01 | SLIDER (REVERSE SLIDER) | | 159 | 3-359-456-01 | SPRING (TRIGGER SPRING), TORSION | |
| 152 | 3-359-426-01 | LEVER (REVERSE LEVER) | | 160 | X-3359-405-1 | LEVER (FR ARM) ASSY | |
| 153 | * 3-359-415-01 | SLIDER (TRIGGER SLIDER) | | 161 | 3-359-453-01 | SPRING (FR ARM), TORSION | |
| 154 | 3-359-448-01 | GEAR (TRIGGER) | | 162 | 3-359-419-01 | GEAR (FR GEAR) | |
| 155 | * 3-359-427-01 | SLIDER (LEVERSE SLIDER) | | 163 | 3-359-421-01 | CLUTCH (REEL DISK) | |
| 156 | 3-359-454-01 | SPRING, TORSION | | 164 | 3-359-418-01 | PULLEY (FR PULLEY) | |
| 157 | 3-359-420-01 | GEAR (CAM GEAR) | | 165 | X-3359-415-1 | CHASSIS ASSY, MECHANICAL | |
| 158 | 3-359-429-01 | SLIDER (BRAKE PLATE) | | 166 | 3-359-469-01 | SPACER | |

SECTION 7 ELECTRICAL PARTS LIST

MAIN

PANEL

PIN JACK

POWER

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.
- RESISTORS
All resistors are in ohms.
METAL : metal-film resistor
METAL OXIDE : Metal Oxide-film resistor
F : nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- 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 | Remarks | Ref. No. | Part No. | Description | Remarks |
|----------------|--------------|---------------------------|---------|----------|--------------|---------------------------|---------|
| * A-2006-412-A | | MAIN BOARD ***** | | C205 | 1-106-351-00 | MYLAR 2200PF 5% | 200V |
| * A-2006-413-A | | PANEL BOARD ***** | | C206 | 1-164-505-11 | CERAMIC CHIP 2.2uF | 16V |
| * A-2006-416-A | | PIN JACK BOARD ***** | | C207 | 1-136-174-00 | FILM 0.56uF 5% | 50V |
| * A-2006-612-A | | POWER BOARD ***** | | C208 | 1-136-171-00 | FILM 0.33uF 5% | 50V |
| * 3-309-144-21 | | HEAT SINK | | C209 | 1-164-505-11 | CERAMIC CHIP 2.2uF | 16V |
| * 3-367-839-01 | | HOLDER, FL TUBE | | C210 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V |
| 9-911-863-XX | | SPACER | | C211 | 1-164-005-11 | CERAMIC CHIP 0.47uF | 25V |
| 7-685-646-79 | | SCREW +BVTP 3X8 TYPE2 N-S | | C212 | 1-164-505-11 | CERAMIC CHIP 2.2uF | 16V |
| | | (CAPACITOR) | | C213 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V |
| C101 | 1-136-158-00 | FILM 0.027uF 5% | 50V | C214 | 1-164-505-11 | CERAMIC CHIP 2.2uF | 16V |
| C102 | 1-164-161-11 | CERAMIC CHIP 0.0022uF 10% | 100V | C215 | 1-164-505-11 | CERAMIC CHIP 2.2uF | 16V |
| C103 | 1-164-182-11 | CERAMIC CHIP 0.0033uF 10% | 50V | C216 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V |
| C104 | 1-106-351-00 | MYLAR 2200PF 5% | 200V | C351 | 1-126-163-11 | ELECT 4.7uF 20% | 50V |
| C105 | 1-106-351-00 | MYLAR 2200PF 5% | 200V | C352 | 1-124-638-11 | ELECT 22uF 20% | 10V |
| C106 | 1-164-505-11 | CERAMIC CHIP 2.2uF | 16V | C353 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C107 | 1-136-174-00 | FILM 0.56uF 5% | 50V | C354 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C108 | 1-136-171-00 | FILM 0.33uF 5% | 50V | C401 | 1-163-003-11 | CERAMIC CHIP 330PF 10% | 50V |
| C109 | 1-164-505-11 | CERAMIC CHIP 2.2uF | 16V | C402 | 1-163-003-11 | CERAMIC CHIP 330PF 10% | 50V |
| C110 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V | C403 | 1-163-003-11 | CERAMIC CHIP 330PF 10% | 50V |
| C111 | 1-164-005-11 | CERAMIC CHIP 0.47uF | 25V | C404 | 1-163-003-11 | CERAMIC CHIP 330PF 10% | 50V |
| C112 | 1-164-505-11 | CERAMIC CHIP 2.2uF | 16V | C405 | 1-163-003-11 | CERAMIC CHIP 330PF 10% | 50V |
| C113 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V | C407 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V |
| C114 | 1-164-505-11 | CERAMIC CHIP 2.2uF | 16V | C409 | 1-124-465-00 | ELECT 0.47uF 20% | 50V |
| C115 | 1-164-505-11 | CERAMIC CHIP 2.2uF | 16V | C410 | 1-163-125-00 | CERAMIC CHIP 220PF 5% | 50V |
| C116 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V | C411 | 1-126-163-11 | ELECT 4.7uF 20% | 50V |
| C201 | 1-136-158-00 | FILM 0.027uF 5% | 50V | C412 | 1-163-018-00 | CERAMIC CHIP 0.0056uF 5% | 50V |
| C202 | 1-164-161-11 | CERAMIC CHIP 0.0022uF 10% | 100V | C413 | 1-163-011-11 | CERAMIC CHIP 0.0015uF 10% | 50V |
| C203 | 1-164-182-11 | CERAMIC CHIP 0.0033uF 10% | 50V | C414 | 1-124-257-00 | ELECT 2.2uF 20% | 50V |
| C204 | 1-106-351-00 | MYLAR 2200PF 5% | 200V | C416 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V |
| | | | | C417 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V |
| | | | | C418 | 1-126-157-11 | ELECT 10uF 20% | 16V |
| | | | | C419 | 1-126-157-11 | ELECT 10uF 20% | 16V |
| | | | | C451 | 1-163-003-11 | CERAMIC CHIP 330PF 10% | 50V |
| | | | | C452 | 1-163-003-11 | CERAMIC CHIP 330PF 10% | 50V |
| | | | | C453 | 1-163-003-11 | CERAMIC CHIP 330PF 10% | 50V |

MAIN

PANEL

PIN JACK

POWER

| Ref. No. | Part No. | Description | Remarks | Ref. No. | Part No. | Description | Remarks |
|----------|--------------|--------------|------------------|----------|--------------|--------------|-----------------|
| C454 | 1-163-003-11 | CERAMIC CHIP | 330PF 10% 50V | C526 | 1-163-037-11 | CERAMIC CHIP | 0.022uF 10% 25V |
| C455 | 1-163-003-11 | CERAMIC CHIP | 330PF 10% 50V | C527 | 1-163-037-11 | CERAMIC CHIP | 0.022uF 10% 25V |
| C457 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | C528 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C459 | 1-124-465-00 | ELECT | 0.47uF 20% 50V | C601 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V |
| C480 | 1-163-125-00 | CERAMIC CHIP | 220PF 5% 50V | C602 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V |
| C461 | 1-126-163-11 | ELECT | 4.7uF 20% 50V | C603 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V |
| C462 | 1-163-018-00 | CERAMIC CHIP | 0.0056uF 5% 50V | C604 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V |
| C463 | 1-163-011-11 | CERAMIC CHIP | 0.0015uF 10% 50V | C605 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V |
| C464 | 1-124-257-00 | ELECT | 2.2uF 20% 50V | C606 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V |
| C466 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | C607 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V |
| C467 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | C608 | 1-164-505-11 | CERAMIC CHIP | 2.2uF 16V |
| C468 | 1-126-012-11 | ELECT | 470uF 20% 16V | C609 | 1-163-141-00 | CERAMIC CHIP | 0.001uF 5% 50V |
| C469 | 1-126-012-11 | ELECT | 470uF 20% 16V | C610 | 1-163-038-00 | CERAMIC CHIP | 0.1uF 25V |
| C470 | 1-126-012-11 | ELECT | 470uF 20% 16V | C611 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V |
| C481 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C612 | 1-164-222-11 | CERAMIC CHIP | 0.22uF 25V |
| C482 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C615 | 1-163-038-00 | CERAMIC CHIP | 0.1uF 25V |
| C483 | 1-126-177-11 | ELECT | 100uF 20% 10V | C616 | 1-163-141-00 | CERAMIC CHIP | 0.001uF 5% 50V |
| C484 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C617 | 1-124-472-11 | ELECT | 470uF 20% 10V |
| C485 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C618 | 1-163-038-00 | CERAMIC CHIP | 0.1uF 25V |
| C486 | 1-126-157-11 | ELECT | 10uF 20% 16V | C619 | 1-163-141-00 | CERAMIC CHIP | 0.001uF 5% 50V |
| C487 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C620 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C488 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C621 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C489 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C622 | 1-124-472-11 | ELECT | 470uF 20% 10V |
| C490 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C623 | 1-163-038-00 | CERAMIC CHIP | 0.1uF 25V |
| C491 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C624 | 1-124-472-11 | ELECT | 470uF 20% 10V |
| C492 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C625 | 1-126-059-11 | ELECT | 10uF 20% 50V |
| C493 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C626 | 1-126-059-11 | ELECT | 10uF 20% 50V |
| C494 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C629 | 1-126-157-11 | ELECT | 10uF 20% 16V |
| C495 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C632 | 1-136-594-11 | FILM | 0.018uF 5% 100V |
| C496 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C633 | 1-124-234-00 | ELECT | 22uF 20% 16V |
| C497 | 1-126-301-11 | ELECT | 1uF 20% 50V | C639 | 1-163-038-00 | CERAMIC CHIP | 0.1uF 25V |
| C501 | 1-124-556-11 | ELECT | 2200uF 20% 16V | C862 | 1-163-038-00 | CERAMIC CHIP | 0.1uF 25V |
| C502 | 1-124-556-11 | ELECT | 2200uF 20% 16V | C4001 | 1-163-119-00 | CERAMIC CHIP | 120PF 5% 50V |
| C503 | 1-124-360-00 | ELECT | 1000uF 20% 16V | C4002 | 1-163-119-00 | CERAMIC CHIP | 120PF 5% 50V |
| C504 | 1-124-556-11 | ELECT | 2200uF 20% 16V | C4003 | 1-124-589-11 | ELECT | 47uF 20% 16V |
| C505 | 1-126-023-11 | ELECT | 100uF 20% 16V | C4006 | 1-101-005-00 | CERAMIC | 22000PF 50V |
| C506 | 1-163-038-00 | CERAMIC CHIP | 0.1uF 25V | C4008 | 1-101-005-00 | CERAMIC | 22000PF 50V |
| C507 | 1-124-903-11 | ELECT | 1uF 20% 50V | C4010 | 1-163-037-11 | CERAMIC CHIP | 0.022uF 10% 25V |
| C508 | 1-124-472-11 | ELECT | 470uF 20% 10V | C4013 | 1-163-037-11 | CERAMIC CHIP | 0.022uF 10% 25V |
| C509 | 1-124-472-11 | ELECT | 470uF 20% 10V | C4020 | 1-163-037-11 | CERAMIC CHIP | 0.022uF 10% 25V |
| C510 | 1-124-477-11 | ELECT | 47uF 20% 25V | C4021 | 1-163-037-11 | CERAMIC CHIP | 0.022uF 10% 25V |
| C512 | 1-124-477-11 | ELECT | 47uF 20% 25V | C4022 | 1-124-589-11 | ELECT | 47uF 20% 16V |
| C513 | 1-124-903-11 | ELECT | 1uF 20% 50V | C4030 | 1-163-133-00 | CERAMIC | 470P 5% 50V |
| C514 | 1-124-472-11 | ELECT | 470uF 20% 10V | C4031 | 1-163-133-00 | CERAMIC | 470P 5% 50V |
| C515 | 1-124-477-11 | ELECT | 47uF 20% 25V | C5001 | 1-163-009-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C516 | 1-124-903-11 | ELECT | 1uF 20% 50V | C5002 | 1-163-009-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C518 | 1-124-473-11 | ELECT | 1000uF 20% 10V | C5004 | 1-163-037-11 | CERAMIC CHIP | 0.022uF 10% 25V |
| C519 | 1-124-473-11 | ELECT | 1000uF 20% 10V | C5005 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C520 | 1-163-038-00 | CERAMIC CHIP | 0.1uF 25V | C5110 | 1-124-903-11 | ELECT | 1uF 20% 50V |
| C521 | 1-163-038-00 | CERAMIC CHIP | 0.1uF 25V | C6008 | 1-163-038-00 | CERAMIC CHIP | 0.1uF 25V |

MAIN

PANEL

PIN JACK

POWER

| Ref. No. | Part No. | Description | Remarks | Ref. No. | Part No. | Description | Remarks |
|----------|----------------|--|---------|----------|----------------|-----------------------------|---------|
| C6009 | 1-163-038-00 | CERAMIC CHIP 0.1uF | 25V | D604 | 8-719-210-33 | DIODE EC10DS2 | |
| C6010 | 1-163-038-00 | CERAMIC CHIP 0.1uF | 25V | D605 | 8-719-988-62 | DIODE 1SS355 | |
| C6011 | 1-163-129-00 | CERAMIC CHIP 330PF 5% | 50V | D606 | 8-719-977-00 | DIODE DTZ5.1C | |
| C6012 | 1-163-129-00 | CERAMIC CHIP 330PF 5% | 50V | D607 | 8-719-210-33 | DIODE EC10DS2 | |
| C6013 | 1-126-023-11 | ELECT 100uF 20% | 16V | D608 | 8-719-210-33 | DIODE EC10DS2 | |
| C6020 | 1-163-141-00 | CERAMIC CHIP 0.001uF 5% | 50V | D4001 | 8-719-988-62 | DIODE 1SS355 | |
| C6021 | 1-163-141-00 | CERAMIC CHIP 0.001uF 5% | 50V | D4002 | 8-719-988-62 | DIODE 1SS355 | |
| C6022 | 1-164-346-11 | CERAMIC CHIP 1uF | 16V | D6010 | 8-719-988-62 | DIODE 1SS355 | |
| C6026 | 1-163-141-00 | CERAMIC CHIP 0.001uF 5% | 50V | D6011 | 8-719-988-62 | DIODE 1SS355 | |
| C6027 | 1-163-141-00 | CERAMIC CHIP 0.001uF 5% | 50V | D6012 | 8-719-988-62 | DIODE 1SS355 | |
| C6029 | 1-163-141-00 | CERAMIC CHIP 0.001uF 5% | 50V | | | < INDICATOR > | |
| C6030 | 1-163-141-00 | CERAMIC CHIP 0.001uF 5% | 50V | FL351 | 1-519-638-11 | INDICATOR TUBE, FLUORESCENT | |
| C6031 | 1-163-038-00 | CERAMIC CHIP 0.1uF | 25V | | | < IC > | |
| C6035 | 1-163-141-00 | CERAMIC CHIP 0.001uF 5% | 50V | | | | |
| | | < CONNECTOR > | | IC101 | 8-759-300-71 | IC HD4053BFP | |
| CN351 | 1-580-883-21 | SOCKET, CONNECTOR (SMT) 12P | | IC102 | 8-752-037-90 | IC CXA1331M | |
| CN401 | * 1-568-834-11 | SOCKET, CONNECTOR 15P | | IC103 | 8-752-056-00 | IC CXA1398M | |
| CN402 | * 1-573-187-11 | PIN, CONNECTOR (PC BOARD) 7P | | IC104 | 8-759-636-55 | IC M5218AFP | |
| CN403 | * 1-573-388-11 | PIN, CONNECTOR (PC BOARD) 8P | | IC105 | 8-759-516-47 | IC CD4066BCM-FL63 | |
| CN601 | 1-573-101-11 | SOCKET, CONNECTOR 9P | | IC106 | 8-759-998-71 | IC BA3308F | |
| CN602 | 1-580-783-11 | CONNECTOR, BOARD TO BOARD | | IC351 | 8-759-323-35 | IC HD-614023-FA93 | |
| CN603 | 1-573-101-11 | SOCKET, CONNECTOR 9P | | IC401 | 8-759-636-55 | IC M5218AFP | |
| CN604 | 1-580-783-11 | CONNECTOR, BOARD TO BOARD | | IC402 | 8-759-636-55 | IC M5218AFP | |
| CN605 | * 1-568-858-11 | SOCKET, CONNECTOR 15P | | IC403 | 8-759-009-05 | IC MC14051BF | |
| CN606 | 1-568-795-11 | SOCKET, CONNECTOR 12P | | IC404 | 8-759-009-05 | IC MC14051BF | |
| CN607 | 1-580-783-11 | CONNECTOR, BOARD TO BOARD | | IC405 | 8-759-516-47 | IC CD4066BCM-FL63 | |
| CNJ401 | * 1-580-740-11 | SOCKET, CONNECTOR 17P (SYSTEM CONTROL 2) | | IC406 | 8-759-636-35 | IC M50760-315FP | |
| | | < DIODE > | | IC407 | 8-759-991-77 | IC BA7625 | |
| D301 | 8-719-312-30 | DIODE SEL4226R-CD | | IC501 | 8-759-823-46 | IC LA5603 | |
| D302 | 8-719-312-30 | DIODE SEL4226R-CD | | IC601 | 8-759-636-37 | IC M50944-121FP | |
| D401 | 8-719-990-36 | DIODE DCA010 | | IC602 | 8-759-636-67 | IC M50925-482FP | |
| D403 | 8-719-210-33 | DIODE EC10DS2 | | IC603 | 8-759-207-05 | IC TA7272P | |
| D404 | 8-719-210-33 | DIODE EC10DS2 | | IC604 | 8-759-636-55 | IC M5218AFP-T1 | |
| D405 | 8-719-990-36 | DIODE DCA010 | | IC605 | 8-759-516-41 | IC CD4052BCM-FL63 | |
| D501 | 8-719-210-33 | DIODE EC10DS2 | | IC6001 | 8-759-634-43 | IC M51953BFP-T1 | |
| D502 | 8-719-210-33 | DIODE EC10DS2 | | | | < IC LINK > | |
| D503 | 8-719-210-33 | DIODE EC10DS2 | | ICP501 | 1-532-843-21 | LINK, IC | |
| D504 | 8-719-210-33 | DIODE EC10DS2 | | ICP502 | 1-532-843-21 | LINK, IC | |
| D505 | 8-719-988-62 | DIODE 1SS355T | | | | < JACK > | |
| D506 | 8-719-106-36 | DIODE RD8.2M-B3 | | J401 | 1-565-304-11 | JACK, PIN 4P (AUDIO) | |
| D507 | 8-719-106-36 | DIODE RD8.2M-B3 | | J402 | * 1-569-812-11 | JACK, PIN 6P (AUDIO) | |
| D508 | 8-719-210-33 | DIODE EC10DS2 | | J404 | 1-573-144-11 | JACK, PIN 2P (VIDEO) | |
| D509 | 8-719-210-33 | DIODE EC10DS2 | | J405 | 1-565-933-11 | JACK, PIN 3P (VIDEO) | |
| D510 | 8-719-210-33 | DIODE EC10DS2 | | | | < JUMPER > | |
| D511 | 8-719-210-33 | DIODE EC10DS2 | | JW2 | 1-216-295-00 | METAL CHIP 0 5% 1/10W | |
| D601 | 8-719-977-24 | DIODE DTZ9.1B | | JW3 | 1-216-295-00 | METAL CHIP 0 5% 1/10W | |
| D602 | 8-719-988-62 | DIODE 1SS355 | | | | | |
| D603 | 8-719-988-62 | DIODE 1SS355 | | | | | |

MAIN

PANEL

PIN JACK

POWER

| Ref. No. | Part No. | Description | Remarks | Ref. No. | Part No. | Description | Remarks |
|----------|--------------|----------------|--------------|----------|--------------|-------------|---------------|
| JW8 | 1-216-295-00 | METAL CHIP | 0 5% 1/10W | R103 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| JW10 | 1-216-295-00 | METAL CHIP | 0 5% 1/10W | R104 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| JW12 | 1-216-295-00 | METAL CHIP | 0 5% 1/10W | R105 | 1-216-105-00 | METAL CHIP | 220K 5% 1/10W |
| | | < COIL > | | R106 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| | | | | R107 | 1-216-082-00 | METAL GLAZE | 24K 5% 1/10W |
| L401 | 1-408-789-21 | INDUCTOR CHIP | 100uH | R108 | 1-216-043-00 | METAL CHIP | 560 5% 1/10W |
| L601 | 1-410-761-11 | INDUCTOR | 0.68mH | R109 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W |
| L602 | 1-410-757-21 | INDUCTOR | 0.33mH | R110 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| L4001 | 1-408-777-00 | INDUCTOR CHIP | 10uH | R111 | 1-216-097-00 | METAL CHIP | 100K 5% 1/10W |
| L6001 | 1-410-482-31 | INDUCTOR | 100uH | R112 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| L6002 | 1-408-777-00 | INDUCTOR CHIP | 10uH | R113 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W |
| | | < TRANSISTOR > | | R114 | 1-216-068-00 | METAL CHIP | 6.2K 5% 1/10W |
| Q101 | 8-729-805-41 | TRANSISTOR | 2SC3398 | R115 | 1-216-081-00 | METAL CHIP | 22K 5% 1/10W |
| Q102 | 8-729-805-42 | TRANSISTOR | 2SC3859 | R116 | 1-216-085-00 | METAL CHIP | 33K 5% 1/10W |
| Q201 | 8-729-805-41 | TRANSISTOR | 2SC3398 | R117 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q202 | 8-729-805-42 | TRANSISTOR | 2SC3859 | R118 | 1-216-105-00 | METAL CHIP | 220K 5% 1/10W |
| Q401 | 8-729-805-65 | TRANSISTOR | 2SA1344 | R119 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| Q402 | 8-729-805-65 | TRANSISTOR | 2SA1344 | R120 | 1-216-093-00 | METAL CHIP | 68K 5% 1/10W |
| Q403 | 8-729-602-36 | TRANSISTOR | 2SA1602 | R121 | 1-216-295-00 | METAL CHIP | 0 5% 1/10W |
| Q404 | 8-729-602-36 | TRANSISTOR | 2SA1602 | R201 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W |
| Q405 | 8-729-602-36 | TRANSISTOR | 2SA1602 | R202 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W |
| Q406 | 8-729-602-36 | TRANSISTOR | 2SA1602 | R203 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| Q407 | 8-729-602-21 | TRANSISTOR | 2SC4154 | R204 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| Q501 | 8-729-209-15 | TRANSISTOR | 2SD2012 | R205 | 1-216-105-00 | METAL CHIP | 220K 5% 1/10W |
| Q502 | 8-729-111-67 | TRANSISTOR | 2SB1094 | R206 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| Q503 | 8-729-805-65 | TRANSISTOR | 2SA1344 | R207 | 1-216-082-00 | METAL GLAZE | 24K 5% 1/10W |
| Q504 | 8-729-602-21 | TRANSISTOR | 2SC4154 | R208 | 1-216-043-00 | METAL CHIP | 560 5% 1/10W |
| Q505 | 8-729-602-21 | TRANSISTOR | 2SC4154 | R209 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W |
| Q506 | 8-729-602-36 | TRANSISTOR | 2SA1602 | R210 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| Q601 | 8-729-805-65 | TRANSISTOR | 2SA1344 | R211 | 1-216-097-00 | METAL CHIP | 100K 5% 1/10W |
| Q602 | 8-729-805-65 | TRANSISTOR | 2SA1344 | R212 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| Q603 | 8-729-805-41 | TRANSISTOR | 2SC3398 | R213 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W |
| Q604 | 8-729-805-65 | TRANSISTOR | 2SA1344 | R214 | 1-216-068-00 | METAL CHIP | 6.2K 5% 1/10W |
| Q605 | 8-729-805-69 | TRANSISTOR | 2SA1341 | R215 | 1-216-081-00 | METAL CHIP | 22K 5% 1/10W |
| Q606 | 8-729-805-45 | TRANSISTOR | 2SC3395 | R216 | 1-216-085-00 | METAL CHIP | 33K 5% 1/10W |
| Q607 | 8-729-805-65 | TRANSISTOR | 2SA1344 | R217 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q608 | 8-729-805-65 | TRANSISTOR | 2SA1344 | R218 | 1-216-105-00 | METAL CHIP | 220K 5% 1/10W |
| Q609 | 8-729-805-41 | TRANSISTOR | 2SC3398 | R219 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| Q611 | 8-729-805-65 | TRANSISTOR | 2SA1344 | R220 | 1-216-093-00 | METAL CHIP | 68K 5% 1/10W |
| Q612 | 8-729-805-41 | TRANSISTOR | 2SC3398 | R221 | 1-216-295-00 | METAL CHIP | 0 5% 1/10W |
| Q613 | 8-729-805-41 | TRANSISTOR | 2SC3398 | R351 | 1-216-029-00 | METAL CHIP | 150 5% 1/10W |
| Q616 | 8-729-804-41 | TRANSISTOR | 2SB1122-S | R352 | 1-216-033-00 | METAL CHIP | 220 5% 1/10W |
| Q617 | 8-729-804-41 | TRANSISTOR | 2SB1122-S | R353 | 1-216-037-00 | METAL CHIP | 330 5% 1/10W |
| Q619 | 8-729-808-01 | TRANSISTOR | 2SD1622-S | R354 | 1-216-041-00 | METAL CHIP | 470 5% 1/10W |
| Q620 | 8-729-808-01 | TRANSISTOR | 2SD1622-S | R355 | 1-216-045-00 | METAL CHIP | 680 5% 1/10W |
| Q6005 | 8-729-805-41 | TRANSISTOR | 2SC3398 | R356 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| | | < RESISTOR > | | R357 | 1-216-067-00 | METAL CHIP | 5.6K 5% 1/10W |
| R101 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R359 | 1-216-045-00 | METAL CHIP | 680 5% 1/10W |
| R102 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R362 | 1-216-041-00 | METAL CHIP | 470 5% 1/10W |
| | | | | R363 | 1-216-045-00 | METAL CHIP | 680 5% 1/10W |

MAIN

PANEL

PIN JACK

POWER

| Ref. No. | Part No. | Description | Remarks | Ref. No. | Part No. | Description | Remarks |
|----------|--------------|-------------|---------------|----------|--------------|-------------|---------------|
| R364 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W | R442 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W |
| R365 | 1-216-055-00 | METAL CHIP | 1.8K 5% 1/10W | R450 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| R366 | 1-216-063-00 | METAL CHIP | 3.9K 5% 1/10W | R451 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| R367 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R452 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| R368 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R453 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| R369 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R454 | 1-216-041-00 | METAL CHIP | 470 5% 1/10W |
| R372 | 1-216-041-00 | METAL CHIP | 470 5% 1/10W | R455 | 1-216-041-00 | METAL CHIP | 470 5% 1/10W |
| R374 | 1-216-041-00 | METAL CHIP | 470 5% 1/10W | R457 | 1-216-115-00 | METAL CHIP | 560K 5% 1/10W |
| R375 | 1-216-081-00 | METAL CHIP | 22K 5% 1/10W | R458 | 1-216-115-00 | METAL CHIP | 560K 5% 1/10W |
| R376 | 1-216-121-00 | METAL CHIP | 1M 5% 1/10W | R459 | 1-216-115-00 | METAL CHIP | 560K 5% 1/10W |
| R377 | 1-216-085-00 | METAL CHIP | 33K 5% 1/10W | R460 | 1-216-115-00 | METAL CHIP | 560K 5% 1/10W |
| R378 | 1-216-025-00 | METAL CHIP | 100 5% 1/10W | R461 | 1-216-115-00 | METAL CHIP | 560K 5% 1/10W |
| R379 | 1-216-025-00 | METAL CHIP | 100 5% 1/10W | R463 | 1-216-295-00 | METAL CHIP | 0 5% 1/10W |
| R380 | 1-216-025-00 | METAL CHIP | 100 5% 1/10W | R464 | 1-216-295-00 | METAL CHIP | 0 5% 1/10W |
| R381 | 1-216-025-00 | METAL CHIP | 100 5% 1/10W | R465 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| R401 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W | R467 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W |
| R402 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W | R468 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| R403 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W | R469 | 1-216-115-00 | METAL CHIP | 560K 5% 1/10W |
| R404 | 1-216-041-00 | METAL CHIP | 470 5% 1/10W | R470 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W |
| R405 | 1-216-041-00 | METAL CHIP | 470 5% 1/10W | R471 | 1-216-001-00 | METAL CHIP | 10 5% 1/10W |
| R407 | 1-216-115-00 | METAL CHIP | 560K 5% 1/10W | R472 | 1-216-075-00 | METAL CHIP | 12K 5% 1/10W |
| R408 | 1-216-115-00 | METAL CHIP | 560K 5% 1/10W | R473 | 1-216-041-00 | METAL CHIP | 470 5% 1/10W |
| R409 | 1-216-115-00 | METAL CHIP | 560K 5% 1/10W | R475 | 1-216-025-00 | METAL CHIP | 100 5% 1/10W |
| R410 | 1-216-115-00 | METAL CHIP | 560K 5% 1/10W | R476 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W |
| R411 | 1-216-115-00 | METAL CHIP | 560K 5% 1/10W | R477 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W |
| R413 | 1-216-295-00 | METAL CHIP | 0 5% 1/10W | R478 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W |
| R414 | 1-216-295-00 | METAL CHIP | 0 5% 1/10W | R481 | 1-216-022-00 | METAL CHIP | 75 5% 1/10W |
| R415 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W | R482 | 1-216-022-00 | METAL CHIP | 75 5% 1/10W |
| R417 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R483 | 1-216-022-00 | METAL CHIP | 75 5% 1/10W |
| R418 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W | R484 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| R419 | 1-216-115-00 | METAL CHIP | 560K 5% 1/10W | R485 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| R420 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R486 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| R421 | 1-216-001-00 | METAL CHIP | 10 5% 1/10W | R487 | 1-216-029-00 | METAL CHIP | 150 5% 1/10W |
| R422 | 1-216-075-00 | METAL CHIP | 12K 5% 1/10W | R488 | 1-216-029-00 | METAL CHIP | 150 5% 1/10W |
| R423 | 1-216-041-00 | METAL CHIP | 470 5% 1/10W | R489 | 1-216-031-00 | METAL CHIP | 180 5% 1/10W |
| R425 | 1-216-025-00 | METAL CHIP | 100 5% 1/10W | R490 | 1-216-031-00 | METAL CHIP | 180 5% 1/10W |
| R426 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R491 | 1-216-031-00 | METAL CHIP | 180 5% 1/10W |
| R427 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R492 | 1-216-029-00 | METAL CHIP | 150 5% 1/10W |
| R428 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R493 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W |
| R429 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R494 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W |
| R430 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R495 | 1-216-081-00 | METAL CHIP | 22K 5% 1/10W |
| R431 | 1-216-022-00 | METAL CHIP | 75 5% 1/10W | R496 | 1-216-081-00 | METAL CHIP | 22K 5% 1/10W |
| R432 | 1-216-022-00 | METAL CHIP | 75 5% 1/10W | R497 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W |
| R434 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W | R499 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W |
| R435 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W | R500 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| R436 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R501 | 1-216-033-00 | METAL CHIP | 220 5% 1/10W |
| R437 | 1-216-121-00 | METAL CHIP | 1M 5% 1/10W | R502 | 1-216-041-00 | METAL CHIP | 470 5% 1/10W |
| R439 | 1-216-295-00 | METAL CHIP | 0 5% 1/10W | R503 | 1-216-041-00 | METAL CHIP | 470 5% 1/10W |
| R440 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W | R504 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W |
| R441 | 1-216-295-00 | METAL CHIP | 0 5% 1/10W | R505 | 1-216-089-00 | METAL CHIP | 47K 5% 1/10W |

MAIN

PANEL

PIN JACK

POWER

| Ref. No. | Part No. | Description | Remarks | | | Ref. No. | Part No. | Description | Remarks | | |
|----------|--------------|-------------|---------|----|-------|----------|--------------|-------------|---------|----|-------|
| R601 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R656 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R602 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R661 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W |
| R603 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R662 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W |
| R605 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R663 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R606 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R664 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R607 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R665 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R608 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | R666 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R609 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W | R667 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W |
| R610 | 1-216-082-00 | METAL GLAZE | 24K | 5% | 1/10W | R668 | 1-216-090-00 | METAL CHIP | 51K | 5% | 1/10W |
| R611 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R669 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W |
| R612 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R670 | 1-216-084-00 | METAL GLAZE | 30K | 5% | 1/10W |
| R613 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | R671 | 1-216-090-00 | METAL CHIP | 51K | 5% | 1/10W |
| R614 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | R672 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W |
| R615 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R673 | 1-216-080-00 | METAL CHIP | 20K | 5% | 1/10W |
| R616 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | R674 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W |
| R617 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | R675 | 1-216-080-00 | METAL CHIP | 20K | 5% | 1/10W |
| R618 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | R676 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W |
| R619 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | R677 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W |
| R620 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | R678 | 1-216-084-00 | METAL GLAZE | 30K | 5% | 1/10W |
| R621 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | R679 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W |
| R623 | 1-216-113-00 | METAL CHIP | 470K | 5% | 1/10W | R680 | 1-216-090-00 | METAL CHIP | 51K | 5% | 1/10W |
| R624 | 1-216-295-00 | METAL CHIP | 0 | 5% | 1/10W | R681 | 1-216-090-00 | METAL CHIP | 51K | 5% | 1/10W |
| R625 | 1-216-295-00 | METAL CHIP | 0 | 5% | 1/10W | R682 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W |
| R626 | 1-216-295-00 | METAL CHIP | 0 | 5% | 1/10W | R686 | 1-216-077-00 | METAL CHIP | 15K | 5% | 1/10W |
| R628 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R687 | 1-216-077-00 | METAL CHIP | 15K | 5% | 1/10W |
| R629 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R690 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W |
| R630 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R691 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W |
| R631 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R692 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R634 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R693 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W |
| R635 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R695 | 1-216-070-00 | METAL CHIP | 7.5K | 5% | 1/10W |
| R636 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R696 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R637 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R697 | 1-216-077-00 | METAL CHIP | 15K | 5% | 1/10W |
| R638 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R698 | 1-216-084-00 | METAL GLAZE | 30K | 5% | 1/10W |
| R639 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R699 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R640 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R700 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R641 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | R5001 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W |
| R642 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | R5002 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W |
| R643 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | R6001 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R644 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W | R6004 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W |
| R645 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | R6005 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W |
| R646 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R6010 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W |
| R647 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W | R6011 | 1-216-298-00 | METAL CHIP | 2.2 | 5% | 1/10W |
| R648 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W | R6012 | 1-216-298-00 | METAL CHIP | 2.2 | 5% | 1/10W |
| R649 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W | R6013 | 1-216-298-00 | METAL CHIP | 2.2 | 5% | 1/10W |
| R650 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | R6014 | 1-216-298-00 | METAL CHIP | 2.2 | 5% | 1/10W |
| R651 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R6015 | 1-216-298-00 | METAL CHIP | 2.2 | 5% | 1/10W |
| R652 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R6016 | 1-216-298-00 | METAL CHIP | 2.2 | 5% | 1/10W |
| R653 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R6017 | 1-216-298-00 | METAL CHIP | 2.2 | 5% | 1/10W |
| R654 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R6018 | 1-216-298-00 | METAL CHIP | 2.2 | 5% | 1/10W |
| R655 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | | | | | | |

MAIN **PANEL** **PIN JACK** **POWER** **LEAF SW(A)** **MD-A**

| Ref. No. | Part No. | Description | Remarks |
|----------|----------------|----------------------------------|---------|
| | | < VARIABLE RESISTOR > | |
| RV101 | 1-238-547-11 | RES, ADJ, CARBON 10K | |
| RV201 | 1-238-547-11 | RES, ADJ, CARBON 10K | |
| | | < SWITCH > | |
| S901 | 1-554-303-21 | SWITCH, TACTILE (CD SYNCHRO) | |
| S902 | 1-554-303-21 | SWITCH, TACTILE (◀◀) | |
| S903 | 1-554-303-21 | SWITCH, TACTILE (▶▶) | |
| S904 | 1-554-303-21 | SWITCH, TACTILE (• REC) | |
| S905 | 1-554-303-21 | SWITCH, TACTILE (DECK A) | |
| S906 | 1-554-303-21 | SWITCH, TACTILE (DECK B) | |
| S907 | 1-554-303-21 | SWITCH, TACTILE (COUNTER RESET) | |
| S908 | 1-554-303-21 | SWITCH, TACTILE (DOLBY NR) | |
| S909 | 1-554-303-21 | SWITCH, TACTILE (DUBBING MODE) | |
| S910 | 1-554-303-21 | SWITCH, TACTILE (■) | |
| S911 | 1-554-303-21 | SWITCH, TACTILE (◁) | |
| S912 | 1-554-303-21 | SWITCH, TACTILE (▷) | |
| S913 | 1-554-303-21 | SWITCH, TACTILE (■ PAUSE) | |
| S914 | 1-554-303-21 | SWITCH, TACTILE (○ MUTE) | |
| S915 | 1-554-303-21 | SWITCH, TACTILE (DIRECTION MODE) | |
| | | < TRANSFORMER > | |
| T601 | 1-450-458-11 | TRANSFORMER, DC-DC CONVERTER | |
| | | < TEST PIN > | |
| TP601 | * 1-564-718-11 | PIN, CONNECTOR (SMALL TYPE) 2P | |
| TP6001 | * 1-564-517-11 | PLUG, CONNECTOR 2P | |
| | | < CRYSTAL > | |
| X401 | 1-577-077-11 | OSCILLATOR, CERAMIC 400kHz | |
| X601 | 1-577-358-21 | VIBRATOR, CERAMIC 4MHz | |
| X951 | 1-577-101-11 | VIBRATOR, CERAMIC 4.19MHz | |
| ***** | | | |
| | * 1-634-841-11 | LEAF SW(A) BOARD | ***** |
| | 3-343-419-01 | HOLDER (S SENSER A) | |
| | | < CONNECTOR > | |
| CNP81 | * 1-568-852-11 | SOCKET, CONNECTOR 9P | |
| | | < IC > | |
| IC81A | 8-719-710-03 | IC PHOTO REFLECTOR NJL5165K-B | |
| | | < RESISTOR > | |
| R84 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R85 | 1-249-408-11 | CARBON 180 5% 1/4W | |

| Ref. No. | Part No. | Description | Remarks |
|----------|----------------|------------------------------------|---------|
| | | < SWITCH > | |
| S81 | 1-571-958-11 | SWITCH, PUSH (1 KEY) (A. STOP DET) | |
| S82 | 1-571-281-21 | SWITCH, LEAF (A. CrO2 DET) | |
| S86 | 1-571-281-21 | SWITCH, LEAF (A. HALF DET) | |
| ***** | | | |
| | * A-2006-399-A | MD-A BOARD | ***** |
| | | < CAPACITOR > | |
| C11 | 1-163-131-00 | CERAMIC CHIP 390PF 5% 50V | |
| C12 | 1-136-157-00 | FILM 0.022uF 5% 50V | |
| C13 | 1-124-234-00 | ELECT 22uF 20% 16V | |
| C18 | 1-163-117-00 | CERAMIC CHIP 100PF 5% 50V | |
| C21 | 1-163-131-00 | CERAMIC CHIP 390PF 5% 50V | |
| C22 | 1-136-157-00 | FILM 0.022uF 5% 50V | |
| C23 | 1-124-234-00 | ELECT 22uF 20% 16V | |
| C28 | 1-163-117-00 | CERAMIC CHIP 100PF 5% 50V | |
| C31 | 1-124-234-00 | ELECT 22uF 20% 16V | |
| C32 | 1-124-234-00 | ELECT 22uF 20% 16V | |
| C71 | 1-164-346-11 | CERAMIC CHIP 1uF 16V | |
| | | < CONNECTOR > | |
| CNJ31 | * 1-580-782-11 | CONNECTOR, BOARD TO BOARD | |
| CNP32 | * 1-580-772-11 | PIN, CONNECTOR (PC BOARD) 4P | |
| CNP71 | * 1-564-719-11 | PIN, CONNECTOR (SMALL TYPE) 3P | |
| CNP72 | * 1-580-411-11 | SOCKET, CONNECTOR 4P | |
| | | < IC > | |
| IC31A | 8-759-970-66 | IC LM833M | |
| | | < JUMPER > | |
| JW1 | 1-216-295-00 | METAL CHIP 0 5% 1/10W | |
| JW51 | 1-216-296-00 | METAL CHIP 0 5% 1/8W | |
| JW52 | 1-216-296-00 | METAL CHIP 0 5% 1/8W | |
| JW53 | 1-216-296-00 | METAL CHIP 0 5% 1/8W | |
| JW54 | 1-216-296-00 | METAL CHIP 0 5% 1/8W | |
| | | < TRANSISTOR > | |
| Q71A | 8-729-602-36 | TRANSISTOR 2SA1602 | |
| | | < RESISTOR > | |
| R11 | 1-216-099-00 | METAL CHIP 120K 5% 1/10W | |
| R12 | 1-216-025-00 | METAL CHIP 100 5% 1/10W | |
| R13 | 1-216-100-00 | METAL GLAZE 130K 5% 1/10W | |
| R14 | 1-216-067-00 | METAL CHIP 5.6K 5% 1/10W | |
| R21 | 1-216-099-00 | METAL CHIP 120K 5% 1/10W | |

MD-A

LEAF SW(B)

MD-B HX PRO

| Ref. No. | Part No. | Description | Remarks |
|-----------------------|---------------------|--------------------------------------|---------|
| R22 | 1-216-025-00 | METAL CHIP 100 5% 1/10W | |
| R23 | 1-216-100-00 | METAL GLAZE 130K 5% 1/10W | |
| R24 | 1-216-067-00 | METAL CHIP 5.6K 5% 1/10W | |
| R31 | 1-216-033-00 | METAL CHIP 220 5% 1/10W | |
| R32 | 1-216-033-00 | METAL CHIP 220 5% 1/10W | |
| | | | |
| R71 | 1-216-082-00 | METAL GLAZE 24K 5% 1/10W | |
| R72 | 1-216-081-00 | METAL CHIP 22K 5% 1/10W | |
| R73 | 1-216-089-00 | METAL CHIP 47K 5% 1/10W | |
| R74 | 1-216-089-00 | METAL CHIP 47K 5% 1/10W | |
| | | | |
| < VARIABLE RESISTOR > | | | |
| RV11A | 1-238-012-11 | RES, ADJ, CARBON 1K | |
| RV21A | 1-238-012-11 | RES, ADJ, CARBON 1K | |
| RV71A | 1-238-016-11 | RES, ADJ, CARBON 10K | |
| RV72A | 1-238-016-11 | RES, ADJ, CARBON 10K | |
| | | | |
| ***** | | | |
| * 1-634-841-11 | LEAF SW(B) BOARD | ***** | |
| | | | |
| 3-343-419-01 | HOLDER (S SENSER A) | | |
| < CONNECTOR > | | | |
| CNP81 | * 1-568-852-11 | SOCKET, CONNECTOR 9P | |
| < IC > | | | |
| IC81B | 8-719-710-03 | IC PHOTO REFLECTOR NJL5165K-B | |
| < RESISTOR > | | | |
| R81 | 1-249-414-11 | CARBON 560 5% 1/4W | |
| R82 | 1-247-818-11 | CARBON 300 5% 1/4W | |
| R83 | 1-247-834-11 | CARBON 1.3K 5% 1/4W | |
| R84 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R85 | 1-249-408-11 | CARBON 180 5% 1/4W | |
| < SWITCH > | | | |
| S81 | 1-571-958-11 | SWITCH, PUSH (1 KEY) (B. STOP DET) | |
| S82 | 1-571-281-21 | SWITCH, LEAF (B. CrO2 DET) | |
| S83 | 1-571-281-21 | SWITCH, LEAF (B. METAL DET) | |
| S84 | 1-571-281-21 | SWITCH, LEAF (B. ERASE PROOF SIDE A) | |
| S85 | 1-571-281-21 | SWITCH, LEAF (B. ERASE PROOF SIDE B) | |
| S86 | 1-571-281-21 | SWITCH, LEAF (B. HALF DET) | |
| | | | |
| ***** | | | |

| Ref. No. | Part No. | Description | Remarks |
|----------------|-------------------|--------------------------------|---------|
| * A-2006-401-A | MD-B HX PRO BOARD | ***** | |
| < CAPACITOR > | | | |
| C11 | 1-163-131-00 | CERAMIC CHIP 390PF 5% 50V | |
| C12 | 1-136-157-00 | FILM 0.022uF 5% 50V | |
| C13 | 1-124-234-00 | ELECT 22uF 20% 16V | |
| C18 | 1-163-117-00 | CERAMIC CHIP 100PF 5% 50V | |
| C21 | 1-163-131-00 | CERAMIC CHIP 390PF 5% 50V | |
| | | | |
| C22 | 1-136-157-00 | FILM 0.022uF 5% 50V | |
| C23 | 1-124-234-00 | ELECT 22uF 20% 16V | |
| C28 | 1-163-117-00 | CERAMIC CHIP 100PF 5% 50V | |
| C31 | 1-124-234-00 | ELECT 22uF 20% 16V | |
| C32 | 1-124-234-00 | ELECT 22uF 20% 16V | |
| | | | |
| C33 | 1-124-234-00 | ELECT 22uF 20% 16V | |
| C51 | 1-164-161-11 | CERAMIC CHIP 0.0022uF 10% 100V | |
| C52 | 1-164-161-11 | CERAMIC CHIP 0.0022uF 10% 100V | |
| C53 | 1-163-019-00 | CERAMIC CHIP 0.0068uF 10% 50V | |
| C54 | 1-136-601-11 | FILM 0.01uF 5% 630V | |
| | | | |
| C56 | 1-164-505-11 | CERAMIC CHIP 2.2uF 16V | |
| C57 | 1-164-346-11 | CERAMIC CHIP 1uF 16V | |
| C71 | 1-164-346-11 | CERAMIC CHIP 1uF 16V | |
| C80 | 1-124-234-00 | ELECT 22uF 20% 16V | |
| C81 | 1-164-232-11 | CERAMIC CHIP 0.01uF 50V | |
| | | | |
| C82 | 1-136-157-00 | FILM 0.022uF 5% 50V | |
| C83 | 1-164-004-11 | CERAMIC CHIP 0.1uF 10% 25V | |
| C84 | 1-136-437-11 | FILM 220PF 5% 630V | |
| C85 | 1-136-433-11 | FILM 100PF 5% 630V | |
| C86 | 1-163-143-00 | CERAMIC CHIP 0.0012uF 5% 50V | |
| | | | |
| C87 | 1-136-273-91 | FILM 75PF 5% 630V | |
| C88 | 1-163-003-11 | CERAMIC CHIP 330PF 10% 50V | |
| C89 | 1-124-234-00 | ELECT 22uF 20% 16V | |
| C90 | 1-107-045-00 | MICA 3.9PF 500V | |
| C91 | 1-164-232-11 | CERAMIC CHIP 0.01uF 50V | |
| | | | |
| C92 | 1-136-157-00 | FILM 0.022uF 5% 50V | |
| C93 | 1-164-004-11 | CERAMIC CHIP 0.1uF 10% 25V | |
| C94 | 1-136-437-11 | FILM 220PF 5% 630V | |
| C95 | 1-136-433-11 | FILM 100PF 5% 630V | |
| C96 | 1-163-143-00 | CERAMIC CHIP 0.0012uF 5% 50V | |
| | | | |
| C97 | 1-136-273-91 | FILM 75PF 5% 630V | |
| C98 | 1-163-003-11 | CERAMIC CHIP 330PF 10% 50V | |
| C99 | 1-164-005-11 | CERAMIC CHIP 0.47uF 25V | |
| < CONNECTOR > | | | |
| CNP31 | * 1-580-782-11 | CONNECTOR, BOARD TO BOARD | |
| CNP32 | * 1-580-781-11 | PIN, CONNECTOR (PC BOARD) 7P | |
| CNP33 | * 1-580-782-11 | CONNECTOR, BOARD TO BOARD | |
| CNP71 | * 1-564-719-11 | PIN, CONNECTOR (SMALL TYPE) 3P | |
| CNP72 | * 1-580-411-11 | SOCKET, CONNECTOR 4P | |

MD-B HX PRO

| Ref. No. | Part No. | Description | Remarks |
|----------|--------------|---------------------------|---------|
| | | (DIODE) | |
| D31 | 8-719-988-62 | DIODE 1SS355 | |
| | | (IC) | |
| IC31B | 8-759-970-66 | IC LM833M | |
| IC81 | 8-759-106-56 | IC μ PC1297CA | |
| | | (COIL) | |
| L81 | 1-410-780-11 | INDUCTOR 27mH | |
| L91 | 1-410-780-11 | INDUCTOR 27mH | |
| | | (TRANSISTOR) | |
| O51 | 8-729-808-01 | TRANSISTOR 2SD1622 | |
| O52 | 8-729-808-01 | TRANSISTOR 2SD1622 | |
| O53 | 8-729-808-01 | TRANSISTOR 2SD1622 | |
| O71B | 8-729-216-22 | TRANSISTOR 2SA1162 | |
| | | (RESISTOR) | |
| R11 | 1-216-099-00 | METAL CHIP 120K 5% 1/10W | |
| R12 | 1-216-025-00 | METAL CHIP 100 5% 1/10W | |
| R13 | 1-216-100-00 | METAL GLAZE 130K 5% 1/10W | |
| R14 | 1-216-067-00 | METAL CHIP 5.6K 5% 1/10W | |
| R21 | 1-216-099-00 | METAL CHIP 120K 5% 1/10W | |
| R22 | 1-216-025-00 | METAL CHIP 100 5% 1/10W | |
| R23 | 1-216-100-00 | METAL GLAZE 130K 5% 1/10W | |
| R24 | 1-216-067-00 | METAL CHIP 5.6K 5% 1/10W | |
| R31 | 1-216-033-00 | METAL CHIP 220 5% 1/10W | |
| R32 | 1-216-033-00 | METAL CHIP 220 5% 1/10W | |
| R51 | 1-216-097-00 | METAL CHIP 100K 5% 1/10W | |
| R52 | 1-216-097-00 | METAL CHIP 100K 5% 1/10W | |
| R53 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R54 | 1-216-309-00 | METAL CHIP 5.6 5% 1/10W | |
| R55 | 1-216-309-00 | METAL CHIP 5.6 5% 1/10W | |
| R57 | 1-216-298-00 | METAL CHIP 2.2 5% 1/10W | |
| R71 | 1-216-082-00 | METAL GLAZE 24K 5% 1/10W | |
| R72 | 1-216-081-00 | METAL CHIP 22K 5% 1/10W | |
| R73 | 1-216-089-00 | METAL CHIP 47K 5% 1/10W | |
| R74 | 1-216-089-00 | METAL CHIP 47K 5% 1/10W | |
| R81 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R82 | 1-216-085-00 | METAL CHIP 33K 5% 1/10W | |
| R83 | 1-216-001-00 | METAL CHIP 10 5% 1/10W | |
| R84 | 1-216-101-00 | METAL CHIP 150K 5% 1/10W | |
| R85 | 1-216-075-00 | METAL CHIP 12K 5% 1/10W | |
| R91 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R92 | 1-216-085-00 | METAL CHIP 33K 5% 1/10W | |
| R93 | 1-216-001-00 | METAL CHIP 10 5% 1/10W | |
| R94 | 1-216-101-00 | METAL CHIP 150K 5% 1/10W | |
| R95 | 1-216-075-00 | METAL CHIP 12K 5% 1/10W | |

| Ref. No. | Part No. | Description | Remarks |
|----------------------|----------------|-------------------------------------|---------|
| | | (VARIABLE RESISTOR) | |
| RV11B | 1-238-012-11 | RES, ADJ, CARBON 1K | |
| RV21B | 1-238-012-11 | RES, ADJ, CARBON 1K | |
| RV71B | 1-238-016-11 | RES, ADJ, CARBON 10K | |
| RV72B | 1-238-016-11 | RES, ADJ, CARBON 10K | |
| RV81 | 1-238-548-11 | RES, ADJ, CARBON 22K | |
| RV91 | 1-238-548-11 | RES, ADJ, CARBON 22K | |
| | | (RELAY) | |
| RY31 | 1-515-726-11 | RELAY | |
| | | (COIL) | |
| T51 | 1-406-417-11 | COIL, BIAS OSCILLATION | |
| T81 | 1-433-367-11 | TRANSFORMER, BIAS OSCILLATION | |
| T91 | 1-433-367-11 | TRANSFORMER, BIAS OSCILLATION | |
| | | (TEST PIN) | |
| TP81 | * 1-568-449-11 | HOUSING, CONNECTOR (PC BOARD) 3P | |
| ***** | | | |
| | | MISCELLANEOUS | |
| | | ***** | |
| 117 | 1-638-983-11 | PC BOARD, MOTOR FLEXIBLE | |
| HP101 | A-2003-868-A | BASE ASSY, HEAD (DECK A) | |
| HRP101 | A-2003-838-A | BASE ASSY, HEAD (DECK B) | |
| M101A | A-2003-474-A | MOTOR (REEL MOTOR) ASSY (DECK A) | |
| M101B | A-2003-474-A | MOTOR (REEL MOTOR) ASSY (DECK B) | |
| M102A | X-3359-417-1 | MOTOR (CAPSTAN MOTOR) ASSY (DECK A) | |
| M102B | X-3359-417-1 | MOTOR (CAPSTAN MOTOR) ASSY (DECK B) | |
| ***** | | | |
| HARDWARE LIST | | | |
| ***** | | | |
| # 1 | 7-685-646-79 | SCREW +BVPT 3X8 TYPE2 N-S | |
| # 2 | 7-621-255-15 | SCREW +PTT 2X3 (S) | |
| # 3 | 7-685-134-19 | SCREW +BTP 2.6X8 TYPE2 N-S | |
| # 4 | 7-621-770-67 | SCREW +PTT 2.6X6 (S) | |
| # 5 | 7-627-556-08 | SCREW +P 2.6X2.8 | |
| # 6 | 7-621-775-00 | SCREW +B 2.6X3 | |
| # 7 | 7-682-548-04 | +BVTT 3X8 (S) | |

TC-H6600

SONY[®] SERVICE MANUAL

AEP Model
UK Model

SUPPLEMENT-1

File this supplement with the service manual.

Subject : Available Parts

- The following parts are available for service.
Add these parts to the parts list.

| | | Before Update | After Update | | | | | | | | |
|-----------------|------------------------|--|-----------------|--------------------|-------|-------|--|-----------------|--------------------|--------------|------------------------|
| Page | Ref No. | | | | | | | | | | |
| 37 | 17 | | | | | | | | | | |
| | | <table border="0"> <tr> <td><u>Part No.</u></td> <td><u>Description</u></td> </tr> <tr> <td>_____</td> <td>_____</td> </tr> </table> | <u>Part No.</u> | <u>Description</u> | _____ | _____ | <table border="0"> <tr> <td><u>Part No.</u></td> <td><u>Description</u></td> </tr> <tr> <td>3-367-893-01</td> <td>PLATE(TOP), ORNAMENTAL</td> </tr> </table> | <u>Part No.</u> | <u>Description</u> | 3-367-893-01 | PLATE(TOP), ORNAMENTAL |
| <u>Part No.</u> | <u>Description</u> | | | | | | | | | | |
| _____ | _____ | | | | | | | | | | |
| <u>Part No.</u> | <u>Description</u> | | | | | | | | | | |
| 3-367-893-01 | PLATE(TOP), ORNAMENTAL | | | | | | | | | | |

TC-H6600

SONY® SERVICE MANUAL

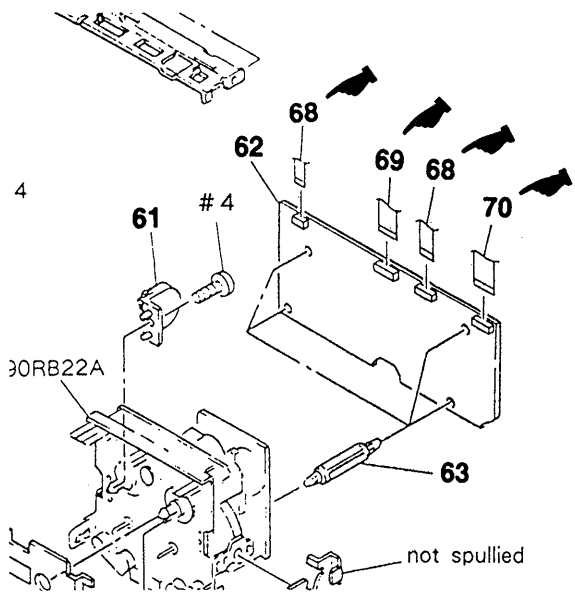
AEP Model
UK Model

CORRECTION-1

Correct your service manual as shown below.

Subject: Addition of new parts Exploded Views "Front panel Section-2."

 :Location of newly added parts.

| Page | exploded views | parts list | | | | | | | | | | | | | | | | |
|------------|---|---|----------------|-----------------|--------------------|----------------|----|--------------|-----------------------|--|----|--------------|------------------------|--|----|--------------|------------------------|--|
| |  | <table border="1"> <thead> <tr> <th data-bbox="863 1098 900 1119"><u>No.</u></th> <th data-bbox="963 1098 1046 1119"><u>Part No.</u></th> <th data-bbox="1091 1098 1198 1119"><u>Description</u></th> <th data-bbox="1339 1098 1410 1119"><u>Remarks</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="863 1161 890 1183">68</td> <td data-bbox="948 1161 1059 1183">1-590-902-11</td> <td data-bbox="1091 1161 1286 1183">9CONDUCTOR FLAT CABLE</td> <td></td> </tr> <tr> <td data-bbox="863 1193 890 1215">69</td> <td data-bbox="948 1193 1059 1215">1-590-904-11</td> <td data-bbox="1091 1193 1294 1215">12CONDUCTOR FLAT CABLE</td> <td></td> </tr> <tr> <td data-bbox="863 1225 890 1247">70</td> <td data-bbox="948 1225 1059 1247">1-590-903-11</td> <td data-bbox="1091 1225 1294 1247">15CONDUCTOR FLAT CABLE</td> <td></td> </tr> </tbody> </table> | <u>No.</u> | <u>Part No.</u> | <u>Description</u> | <u>Remarks</u> | 68 | 1-590-902-11 | 9CONDUCTOR FLAT CABLE | | 69 | 1-590-904-11 | 12CONDUCTOR FLAT CABLE | | 70 | 1-590-903-11 | 15CONDUCTOR FLAT CABLE | |
| <u>No.</u> | <u>Part No.</u> | <u>Description</u> | <u>Remarks</u> | | | | | | | | | | | | | | | |
| 68 | 1-590-902-11 | 9CONDUCTOR FLAT CABLE | | | | | | | | | | | | | | | | |
| 69 | 1-590-904-11 | 12CONDUCTOR FLAT CABLE | | | | | | | | | | | | | | | | |
| 70 | 1-590-903-11 | 15CONDUCTOR FLAT CABLE | | | | | | | | | | | | | | | | |