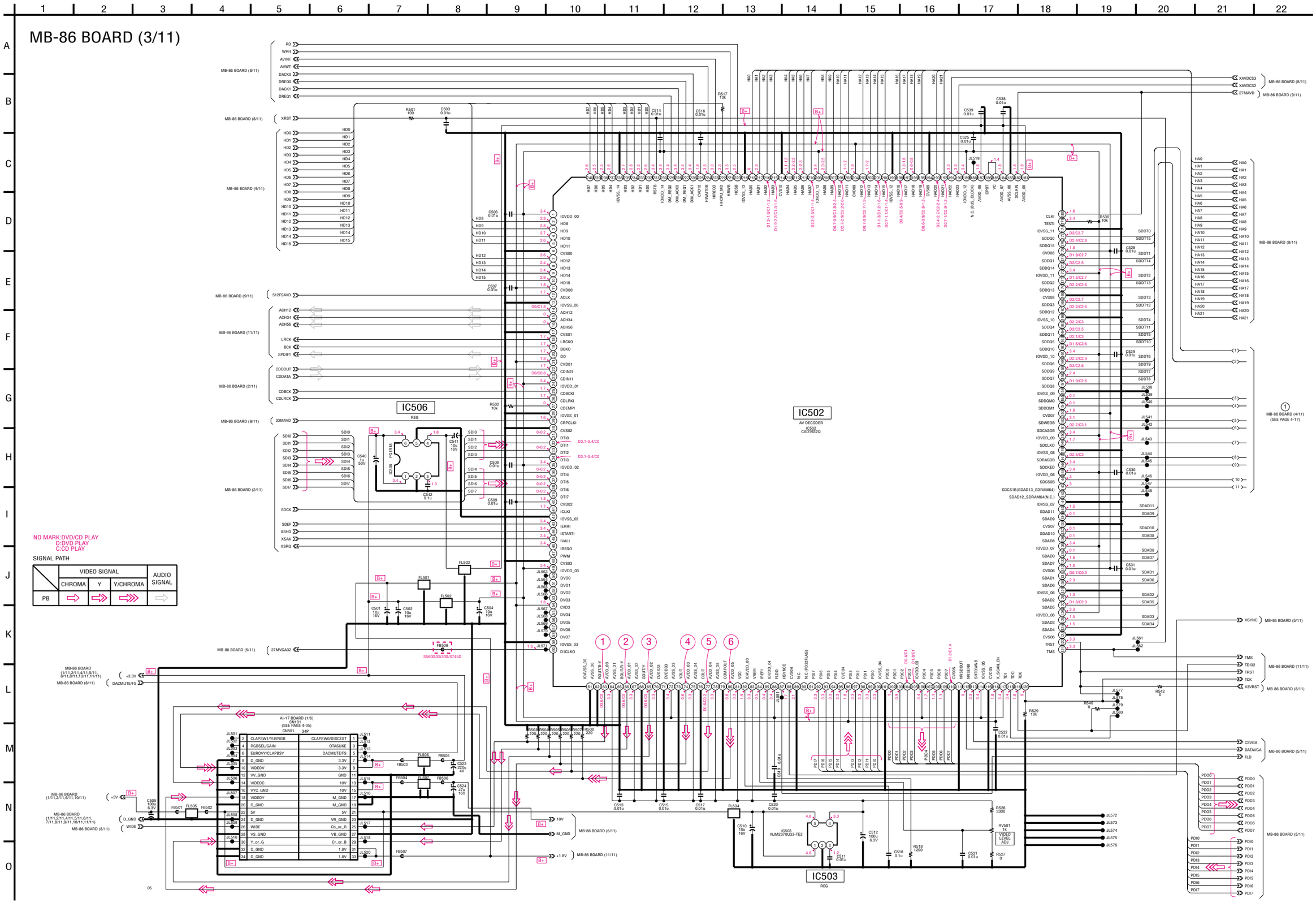
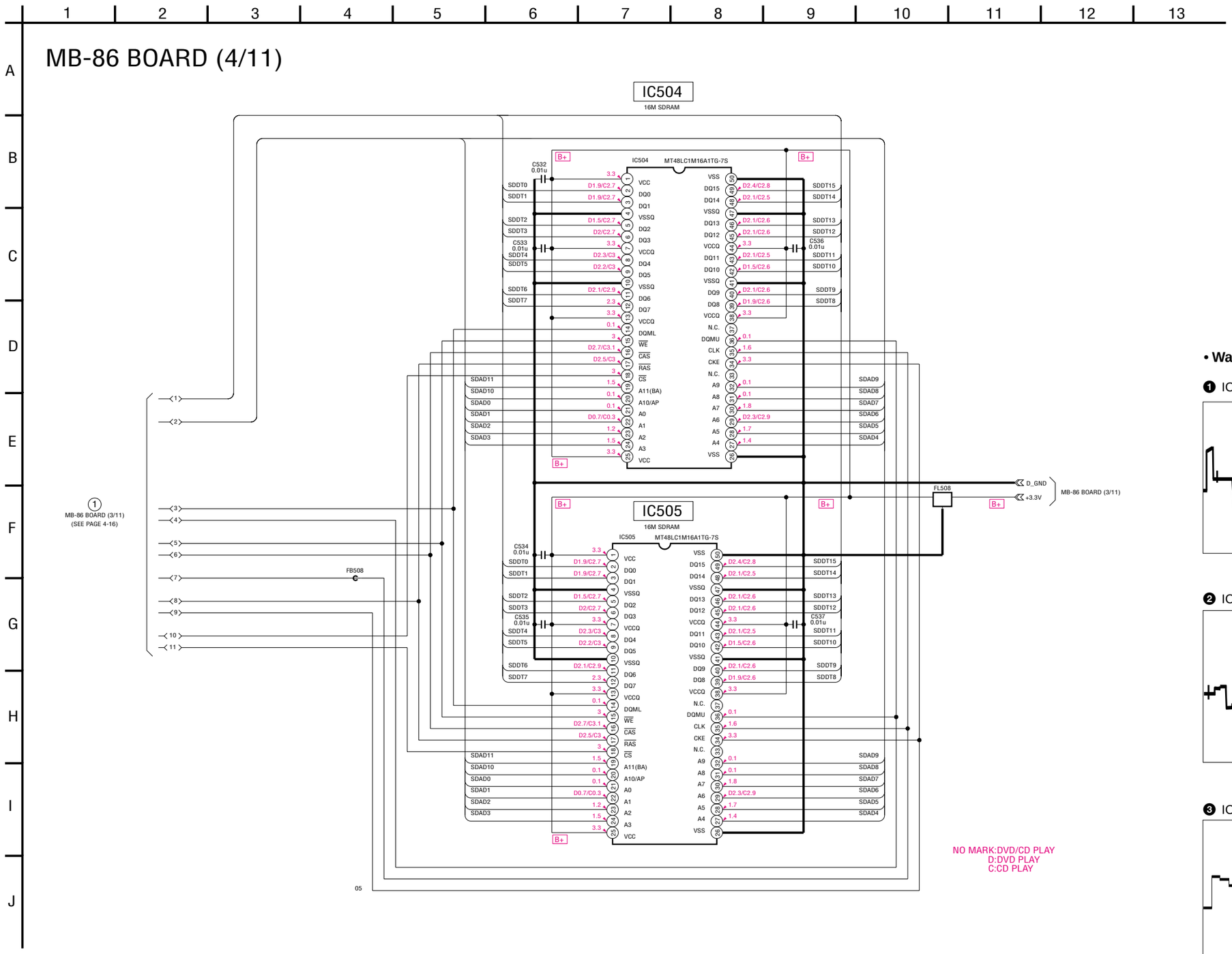
MB-86 (AV DECODER) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.
– Ref. No.: MB-86 board; 1,000 series –



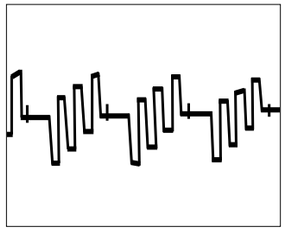
MB-86 (SDRAM) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –



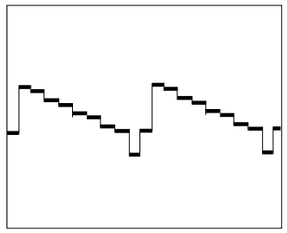
• **Waveforms**

❶ IC502 ⑥③



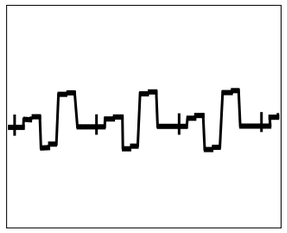
720 mVp-p (H)

❹ IC502 ⑦④



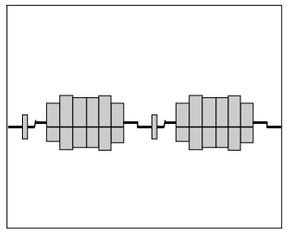
1.1 Vp-p (H)

❷ IC502 ⑥⑥



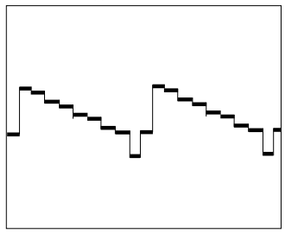
728 mVp-p (H)

❺ IC502 ⑦⑦



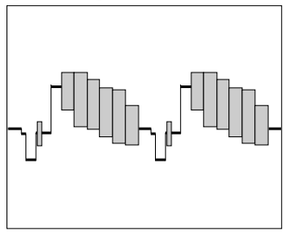
520 mVp-p (H)

❸ IC502 ⑥⑨



1.0 Vp-p (H)

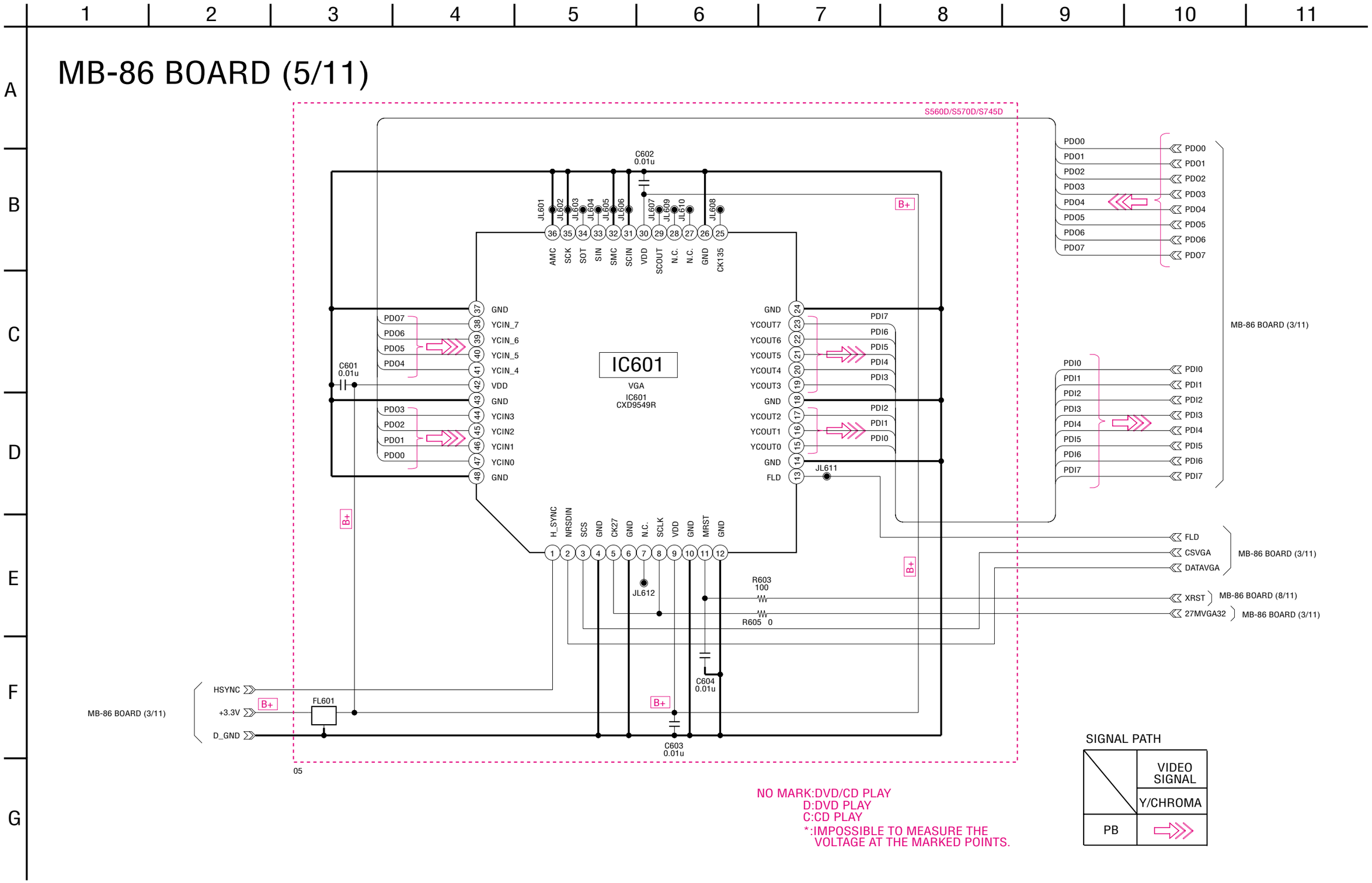
❻ IC502 ⑧⓪



1.2 Vp-p (H)

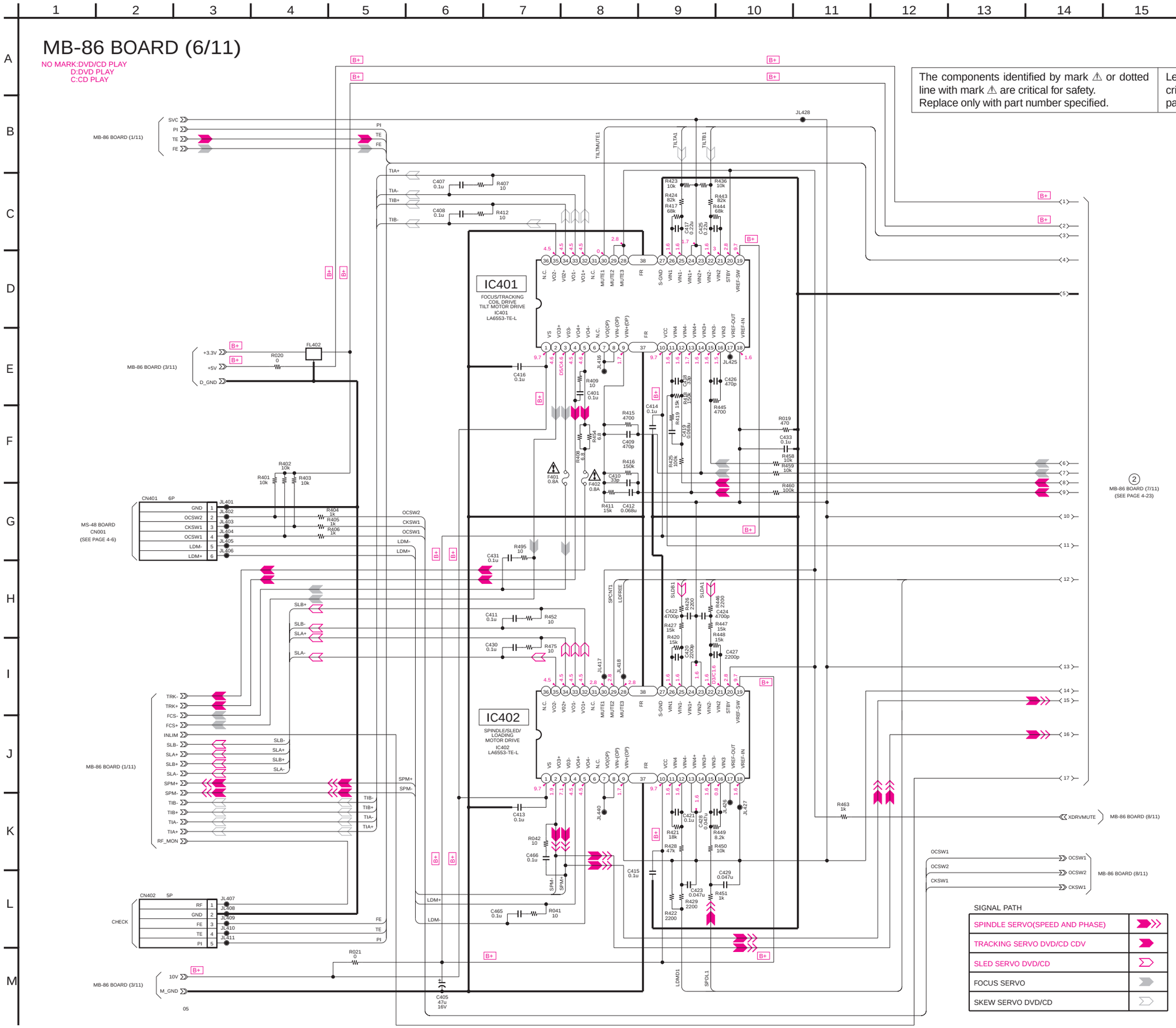
SDRAM
MB-86 (4/11)

MB-86 (VGA) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.
– Ref. No.: MB-86 board; 1,000 series –



MB-86 (DRIVE) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SIGNAL PATH

SPINDLE SERVO(SPEED AND PHASE)	
TRACKING SERVO DVD/CD CDV	
SLED SERVO DVD/CD	
FOCUS SERVO	
SKEW SERVO DVD/CD	

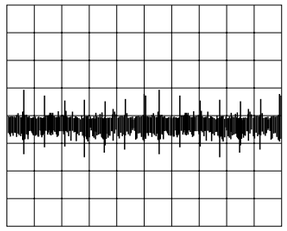
DRIVE
MB-86 (6/11)

MB-86 (SERVO DSP) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –

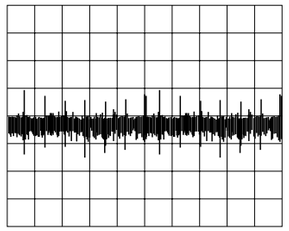
• Waveforms

❶ IC404 ㉒ (DVD play)
100 mV/DIV 50 ms/DIV



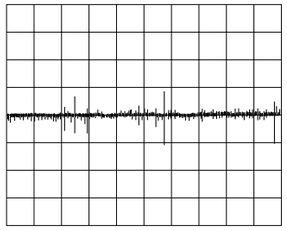
180 mVp-p

❶ IC404 ㉒ (CD play)
500 mV/DIV 50 ms/DIV



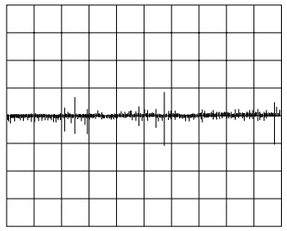
860 mVp-p

❷ IC404 ㉓ (DVD play)
500 mV/DIV 50 ms/DIV

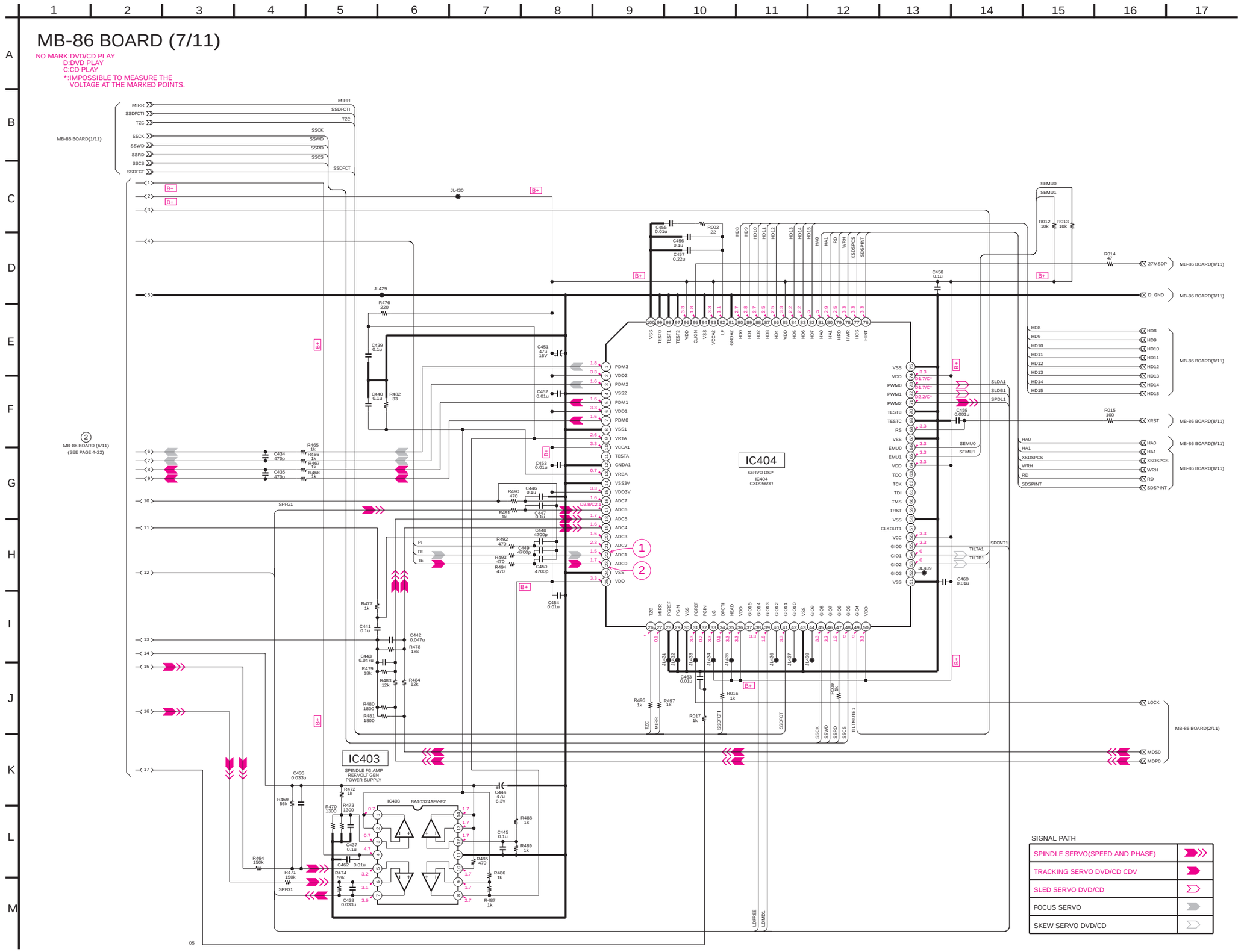


1.4 Vp-p

❷ IC404 ㉓ (CD play)
500 mV/DIV 200 mV/DIV



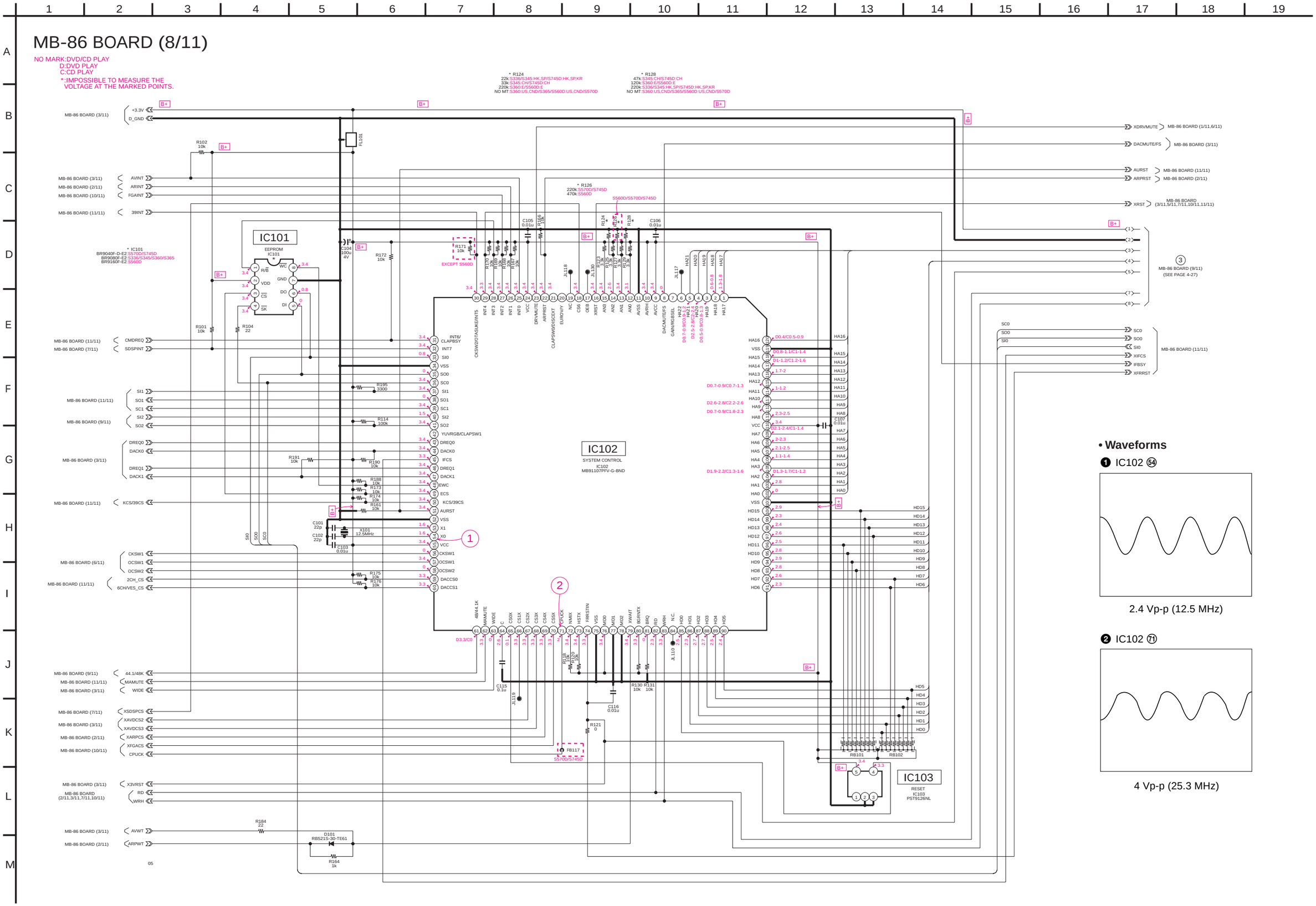
1.7 Vp-p



SERVO DSP
MB-86 (7/11)

MB-86 (SYSTEM CONTROL) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –



• Waveforms

❶ IC102 ㊹

2.4 Vp-p (12.5 MHz)

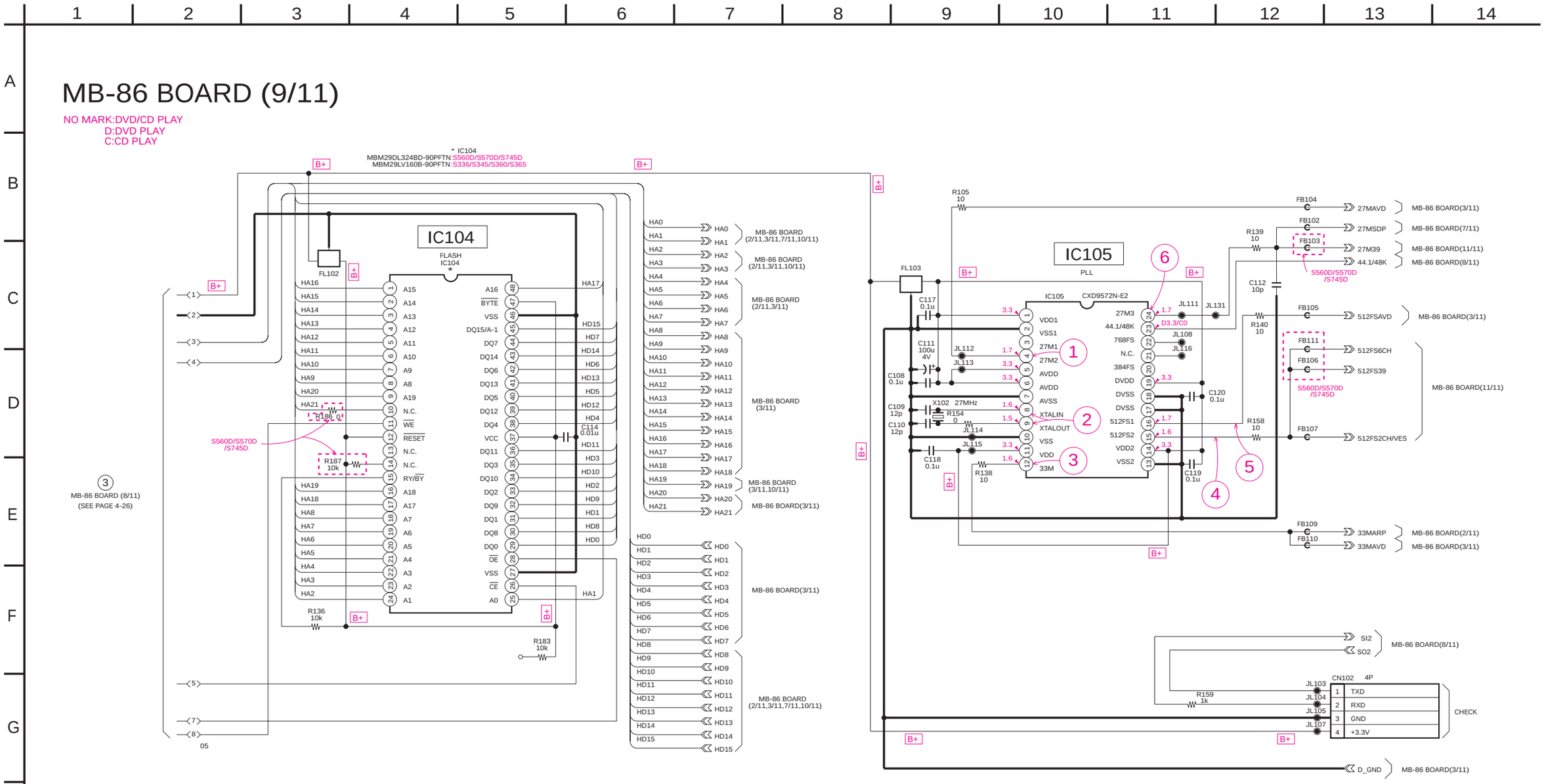
❷ IC102 ㉑

4 Vp-p (25.3 MHz)

SYSTEM CONTROL
MB-86 (8/11)

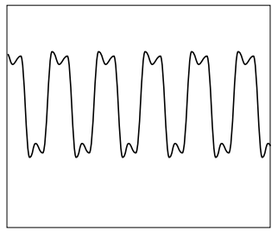
MB-86 (MEMORY, CLOCK GENERATOR) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –



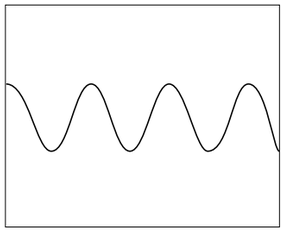
• **Waveforms**

❶ IC105 ④



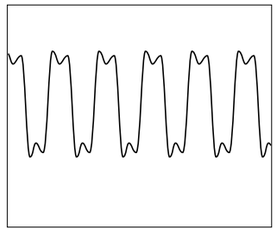
5.2 Vp-p (27 MHz)

❷ IC105 ⑧, ⑨



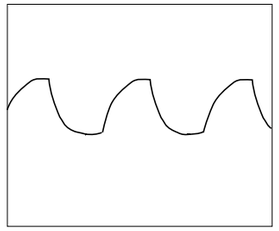
2.5 Vp-p (27 MHz)

❸ IC105 ⑫



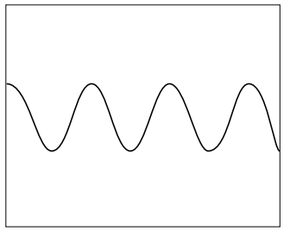
4.9 Vp-p (33.8688 MHz)

❹ IC105 ⑮



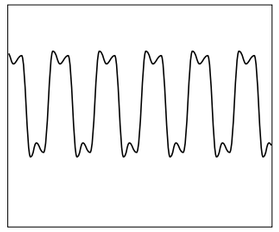
DVD : 3.4 Vp-p (29.5 MHz)
CD : 3.4 Vp-p (22.58 MHz)

❺ IC105 ⑯



DVD : 4.3 Vp-p (29.5 MHz)
CD : 4.3 Vp-p (22.58 MHz)

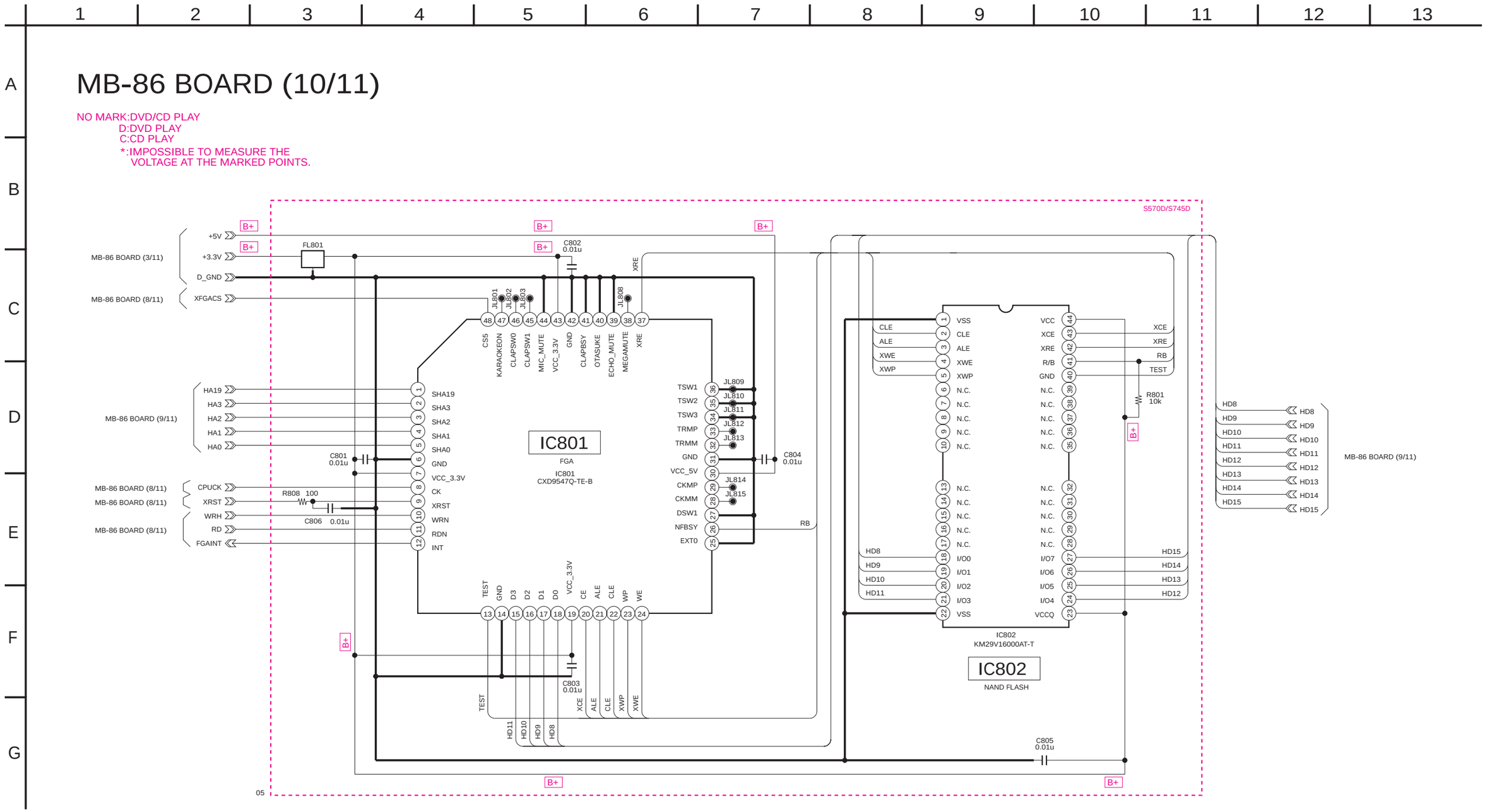
❻ IC105 ㉔



4.9 Vp-p (27.2 MHz)

MEMORY, CLOCK GENERATOR
MB-86 (9/11)

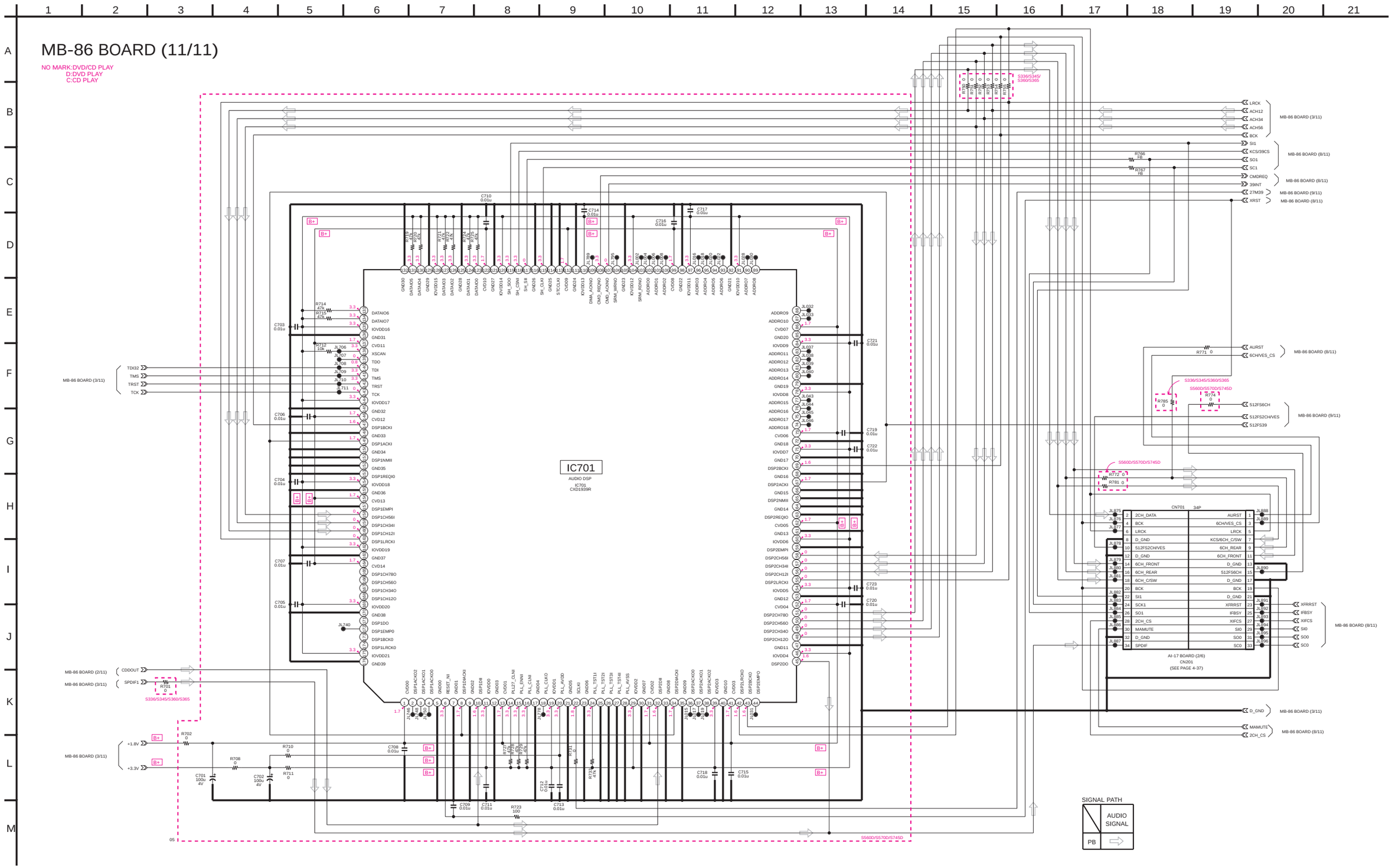
MB-86 (FGA) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.
– Ref. No.: MB-86 board; 1,000 series –



FGA
MB-86 (10/11)

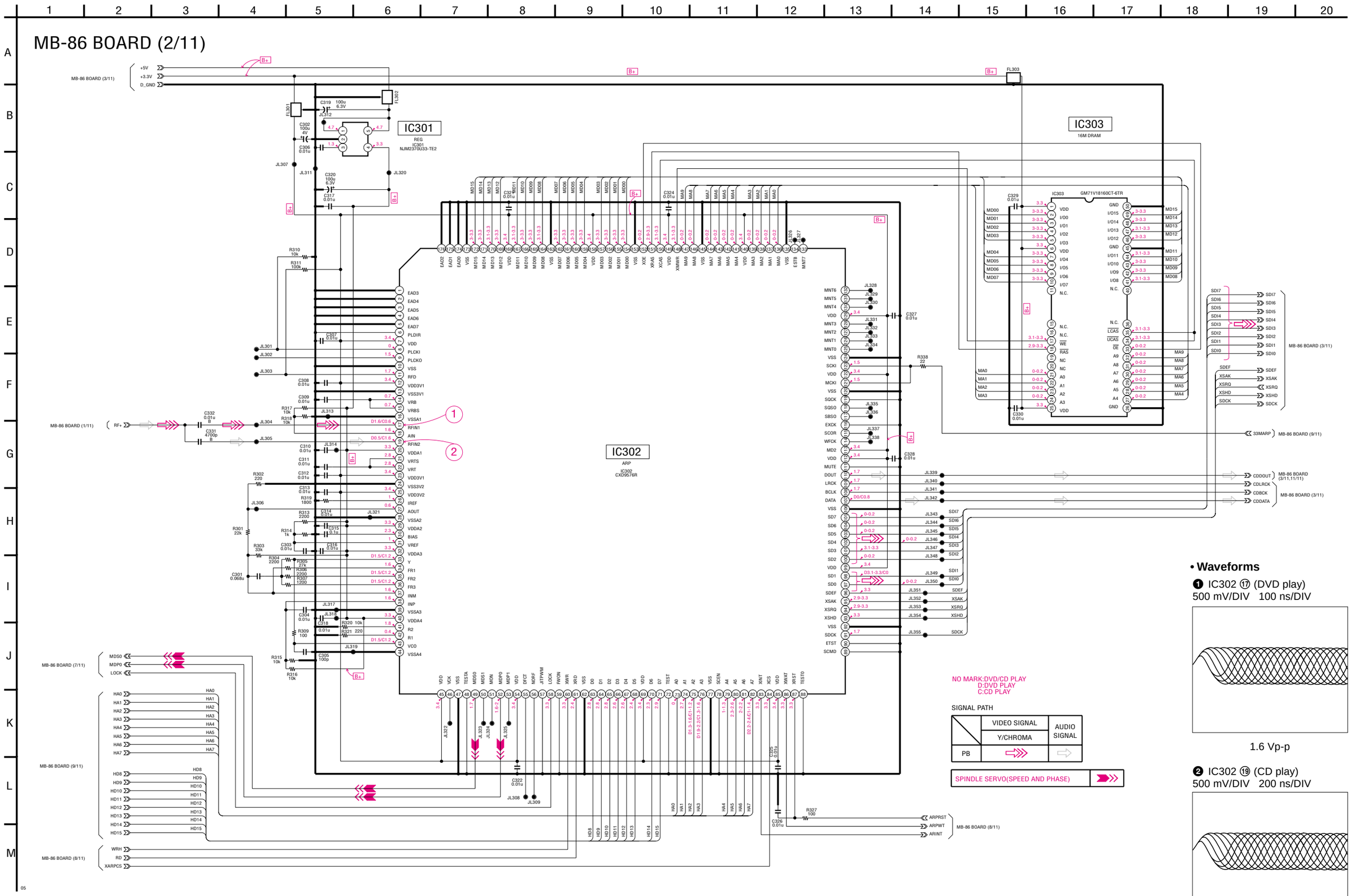
MB-86 (AUDIO DSP) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –



MB-86 (ARP) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –

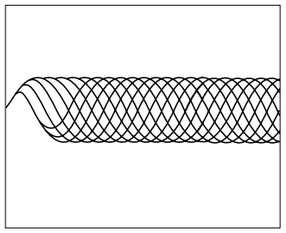


• **Waveforms**

❶ IC302 ⑰ (DVD play)
500 mV/DIV 100 ns/DIV

1.6 Vp-p

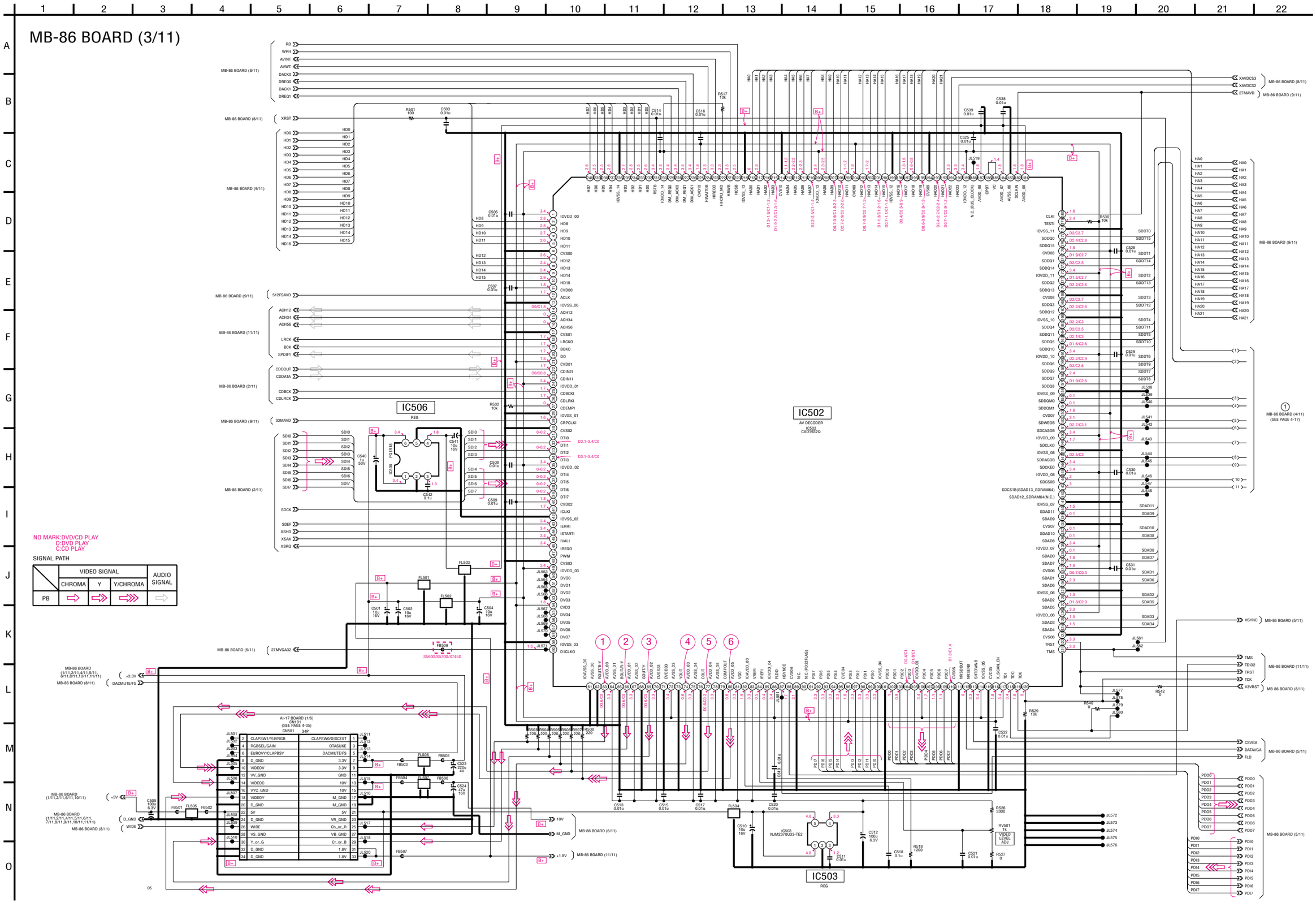
❷ IC302 ⑲ (CD play)
500 mV/DIV 200 ns/DIV



1.6 Vp-p

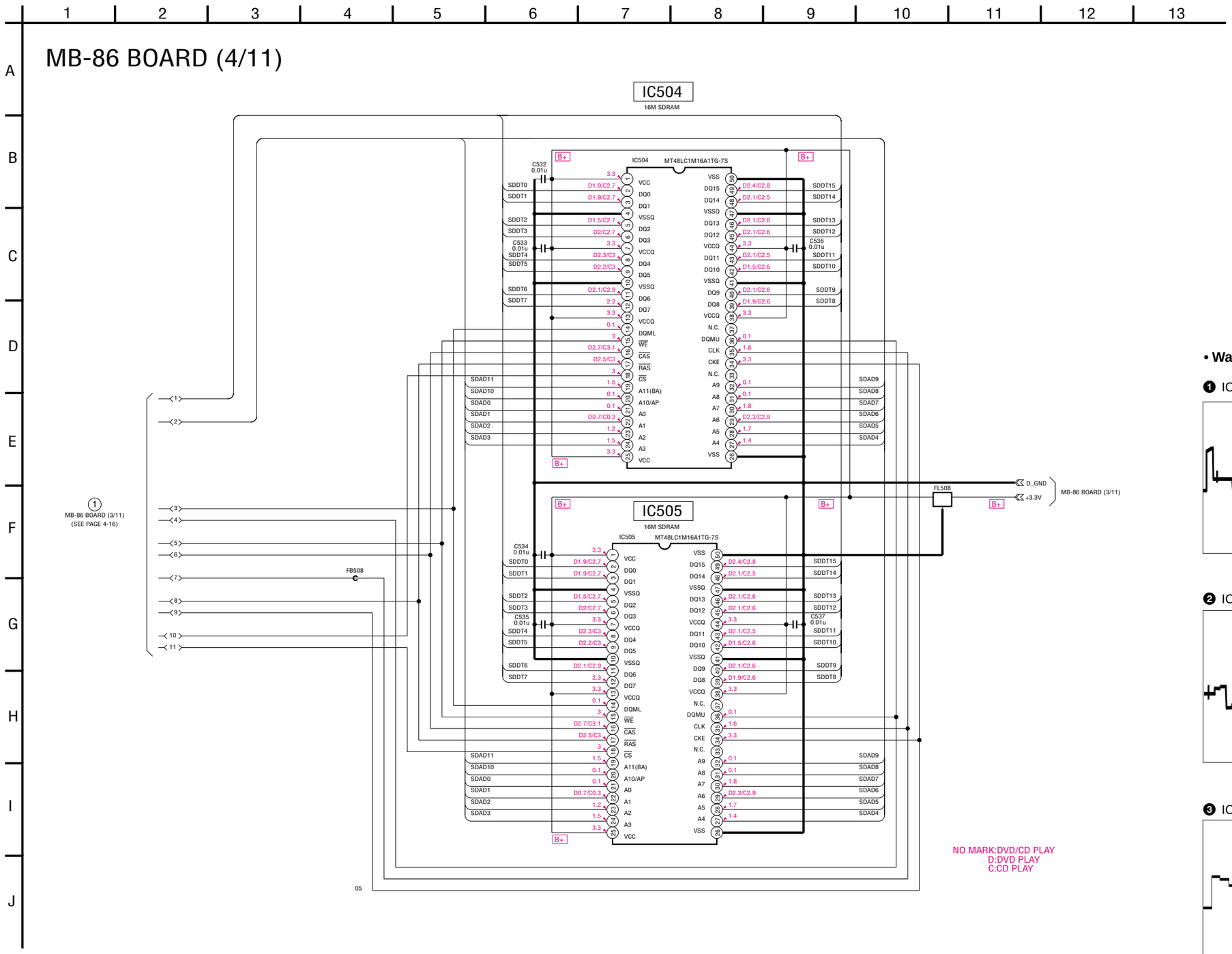
ARP
MB-86 (2/11)

MB-86 (AV DECODER) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.
– Ref. No.: MB-86 board; 1,000 series –



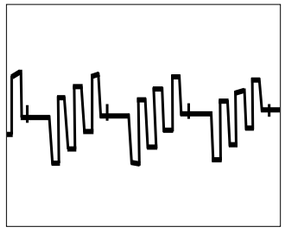
MB-86 (SDRAM) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –



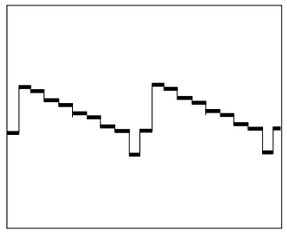
• **Waveforms**

❶ IC502 ⑥③



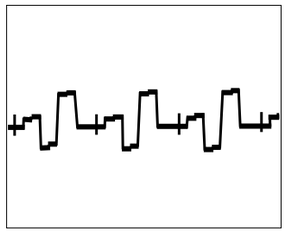
720 mVp-p (H)

❹ IC502 ⑦④



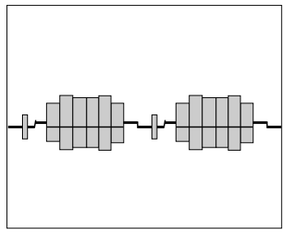
1.1 Vp-p (H)

❷ IC502 ⑥⑥



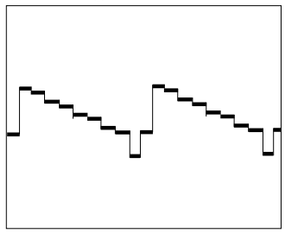
728 mVp-p (H)

❺ IC502 ⑦⑦



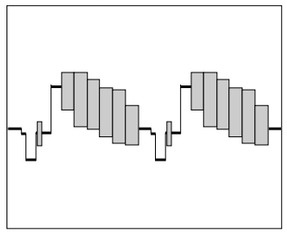
520 mVp-p (H)

❸ IC502 ⑥⑨



1.0 Vp-p (H)

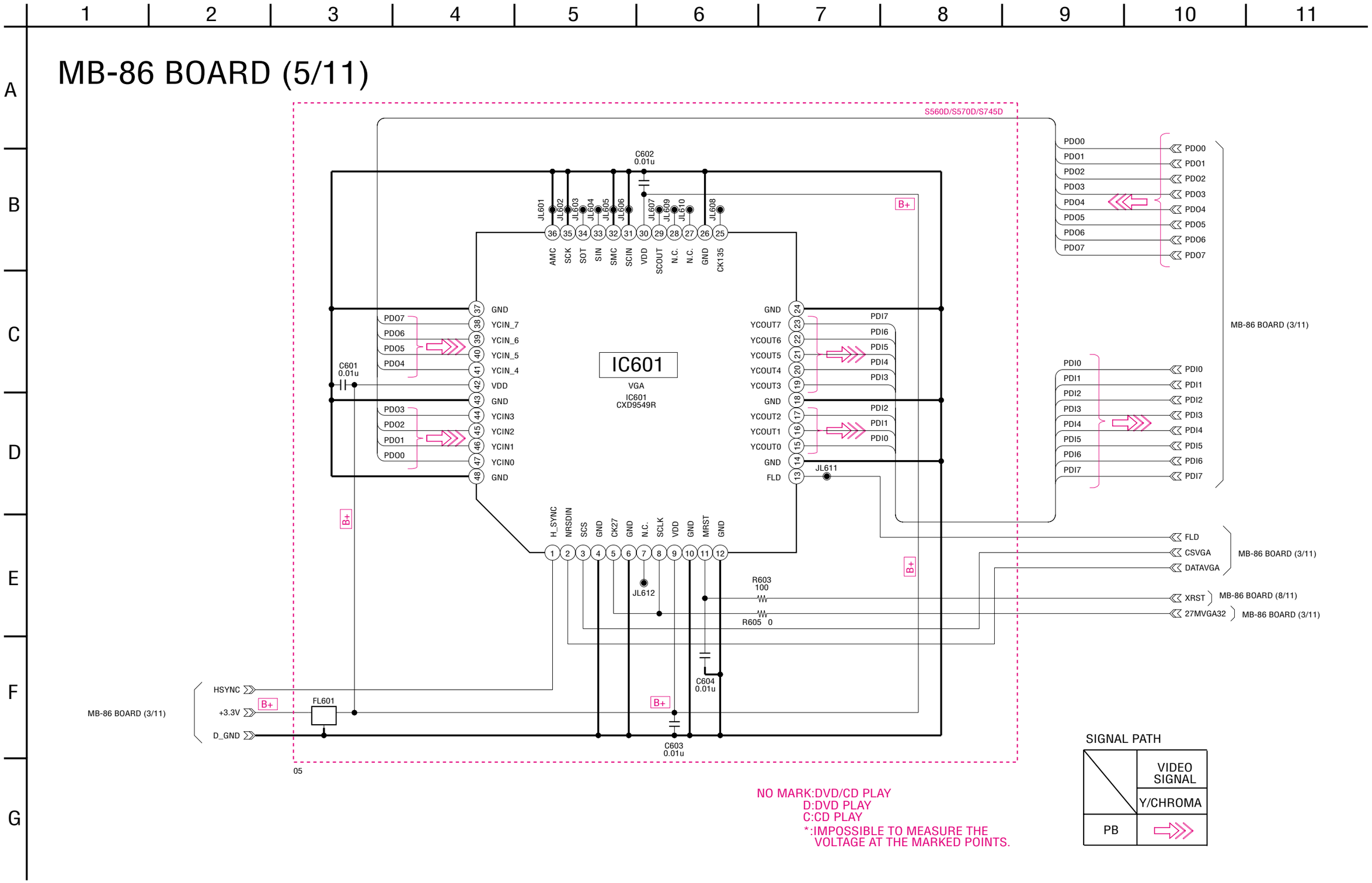
❻ IC502 ⑧⓪



1.2 Vp-p (H)

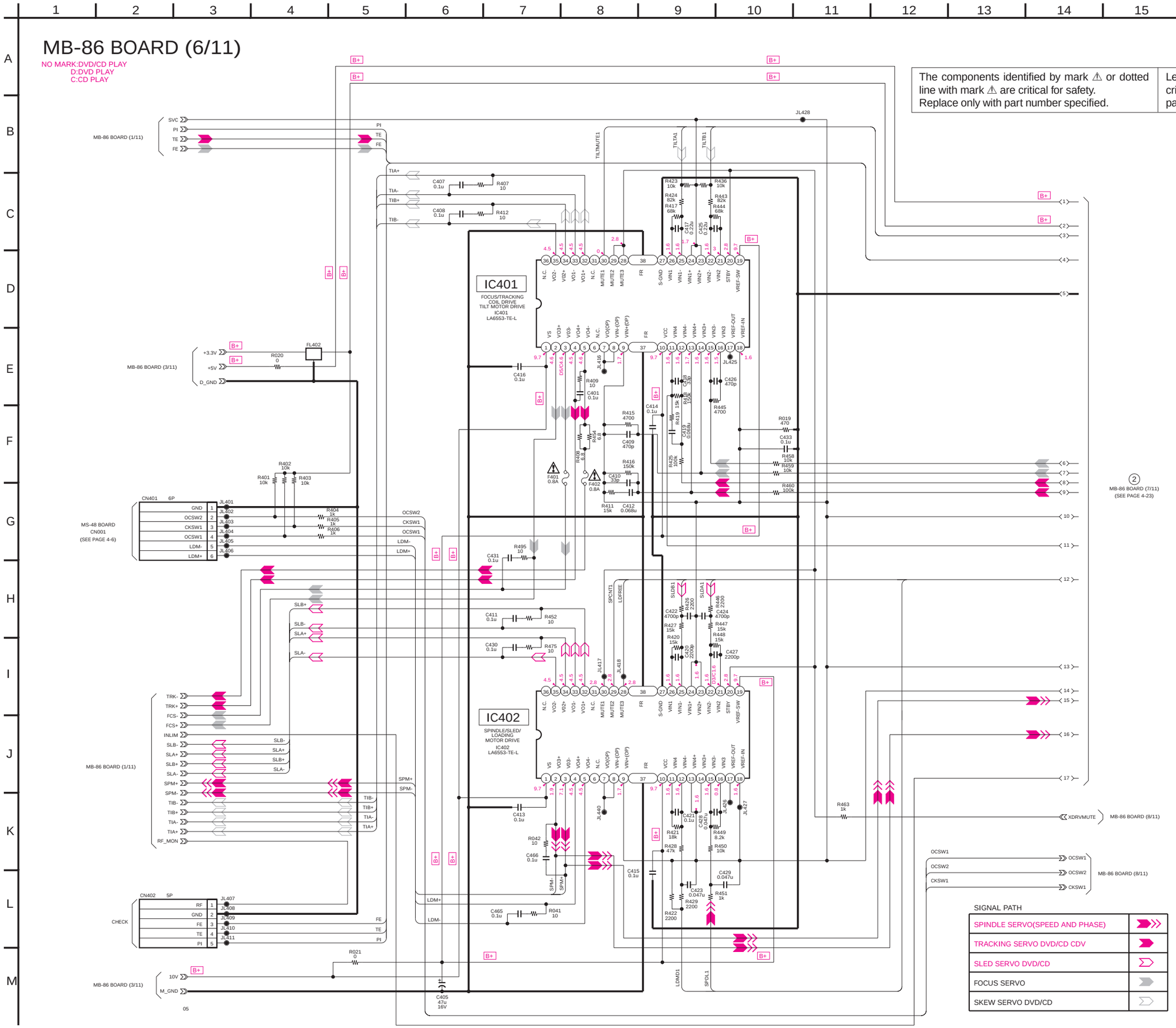
SDRAM
MB-86 (4/11)

MB-86 (VGA) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.
– Ref. No.: MB-86 board; 1,000 series –



MB-86 (DRIVE) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SIGNAL PATH

SPINDLE SERVO(SPEED AND PHASE)	
TRACKING SERVO DVD/CD CDV	
SLED SERVO DVD/CD	
FOCUS SERVO	
SKEW SERVO DVD/CD	

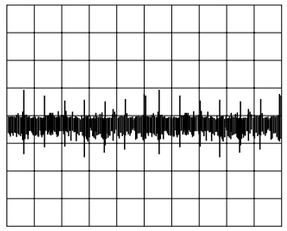
DRIVE
MB-86 (6/11)

MB-86 (SERVO DSP) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –

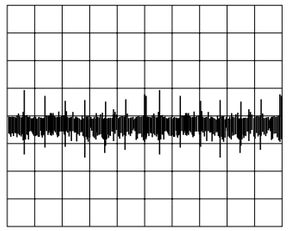
• Waveforms

❶ IC404 ㉒ (DVD play)
100 mV/DIV 50 ms/DIV



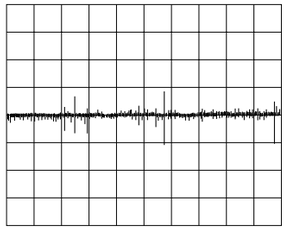
180 mVp-p

❶ IC404 ㉒ (CD play)
500 mV/DIV 50 ms/DIV



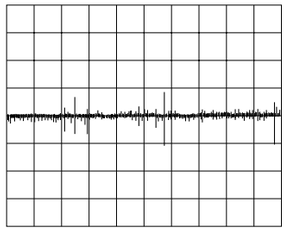
860 mVp-p

❷ IC404 ㉓ (DVD play)
500 mV/DIV 50 ms/DIV

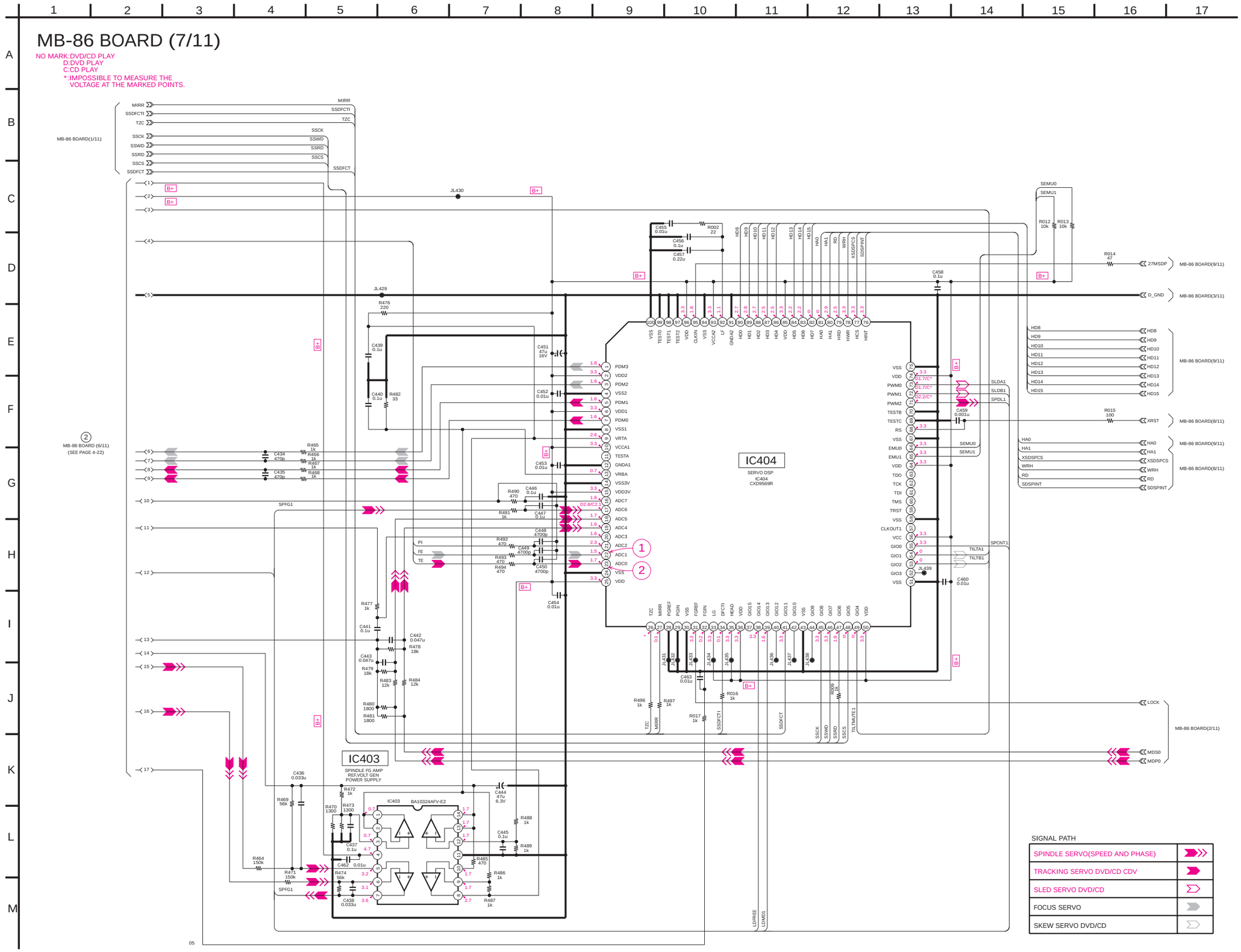


1.4 Vp-p

❷ IC404 ㉓ (CD play)
500 mV/DIV 200 mV/DIV



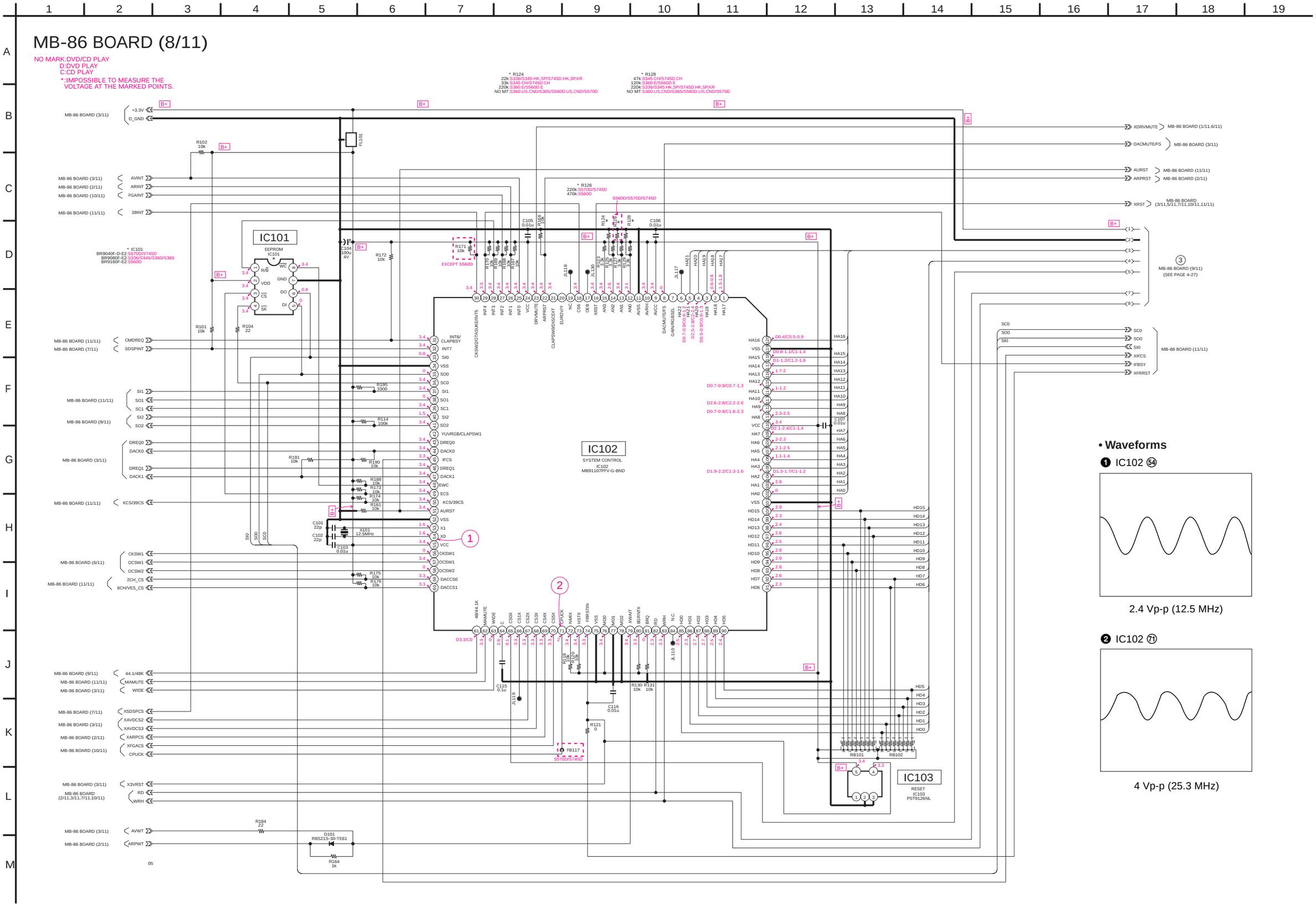
1.7 Vp-p



SERVO DSP
MB-86 (7/11)

MB-86 (SYSTEM CONTROL) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –



• Waveforms

❶ IC102 ㊹

2.4 Vp-p (12.5 MHz)

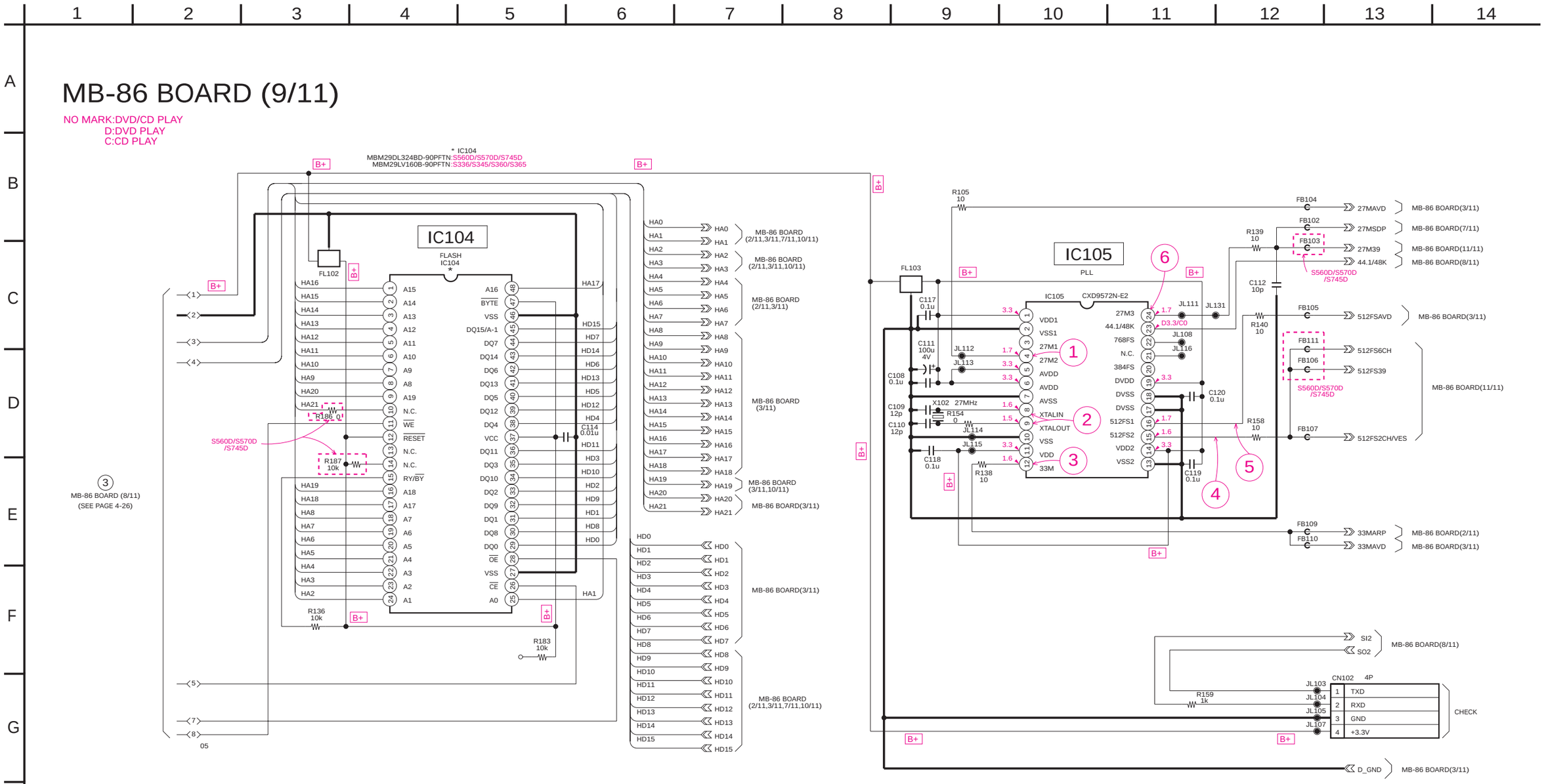
❷ IC102 ㉑

4 Vp-p (25.3 MHz)

SYSTEM CONTROL
MB-86 (8/11)

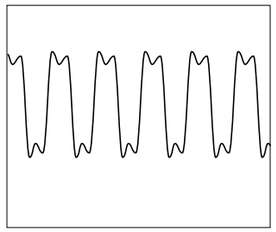
MB-86 (MEMORY, CLOCK GENERATOR) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –



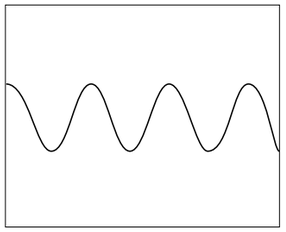
• **Waveforms**

❶ IC105 ④



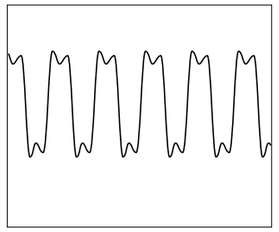
5.2 Vp-p (27 MHz)

❷ IC105 ⑧, ⑨



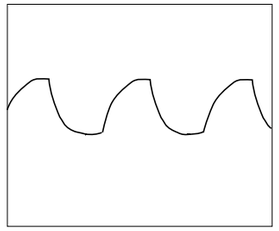
2.5 Vp-p (27 MHz)

❸ IC105 ⑫



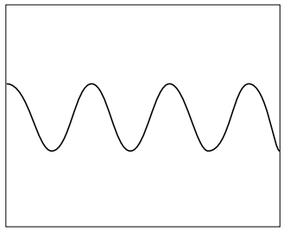
4.9 Vp-p (33.8688 MHz)

❹ IC105 ⑮



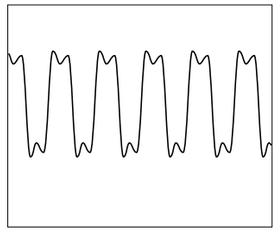
DVD : 3.4 Vp-p (29.5 MHz)
CD : 3.4 Vp-p (22.58 MHz)

❺ IC105 ⑯



DVD : 4.3 Vp-p (29.5 MHz)
CD : 4.3 Vp-p (22.58 MHz)

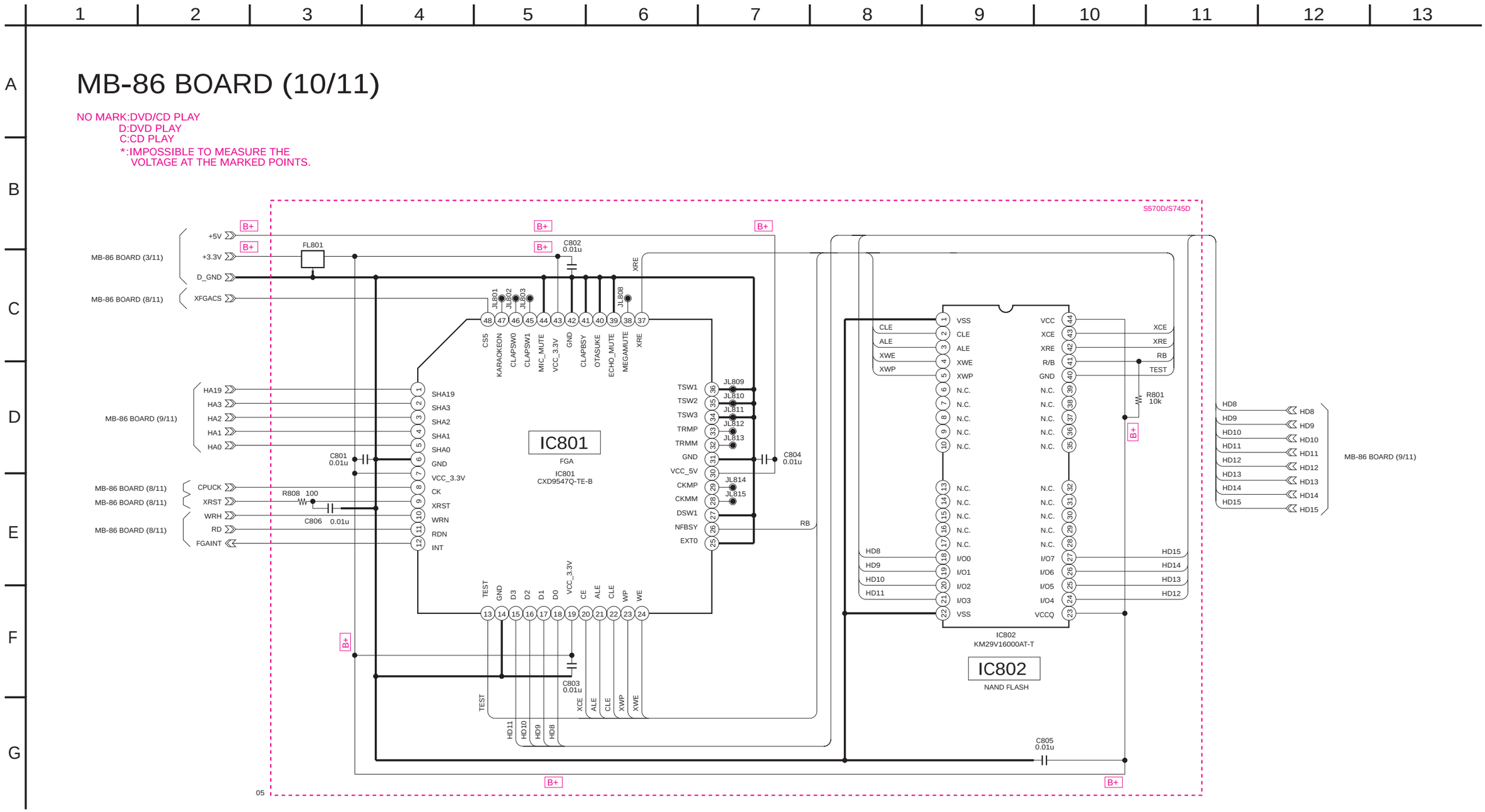
❻ IC105 ㉔



4.9 Vp-p (27.2 MHz)

MEMORY, CLOCK GENERATOR
MB-86 (9/11)

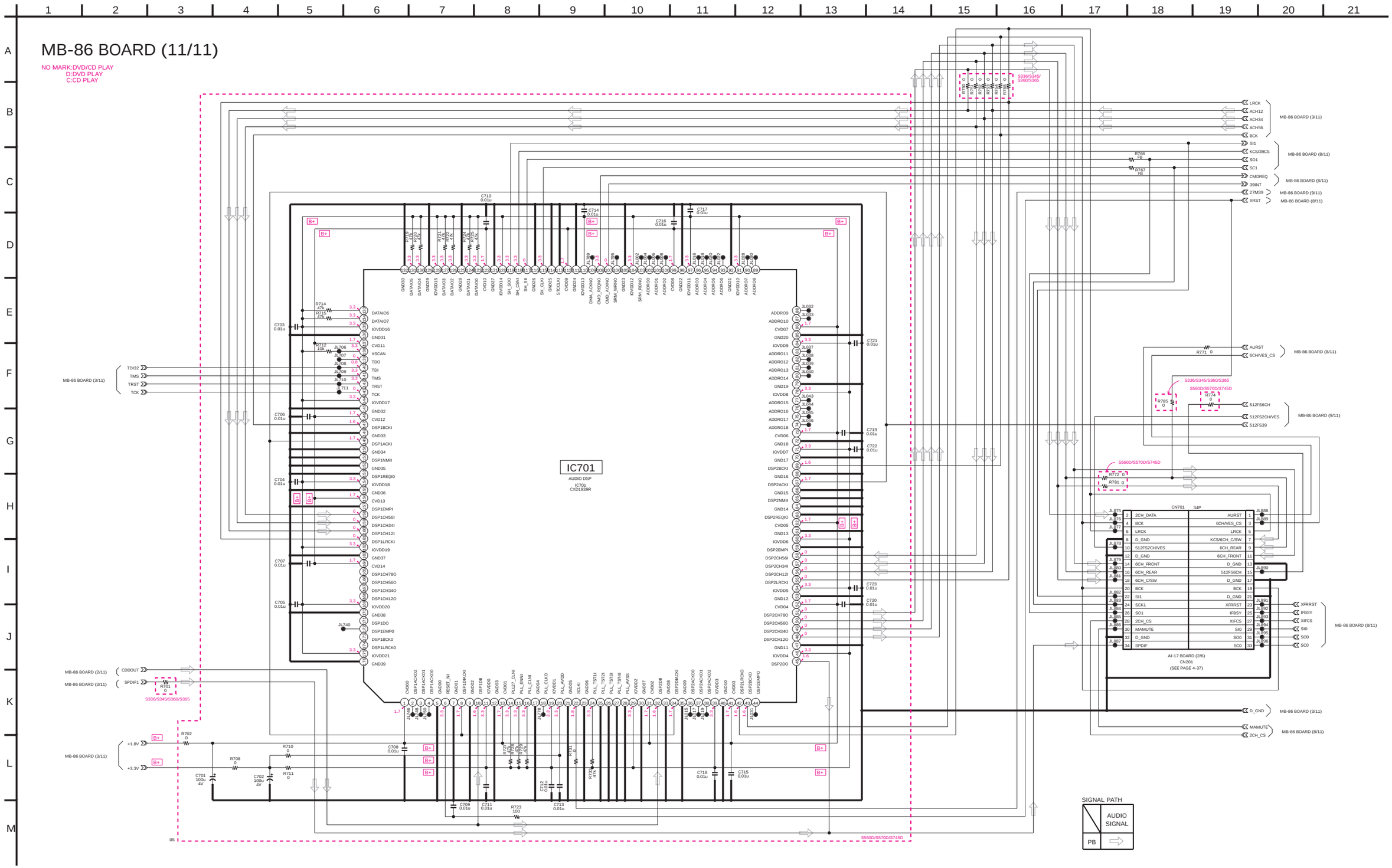
MB-86 (FGA) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.
– Ref. No.: MB-86 board; 1,000 series –



FGA
MB-86 (10/11)

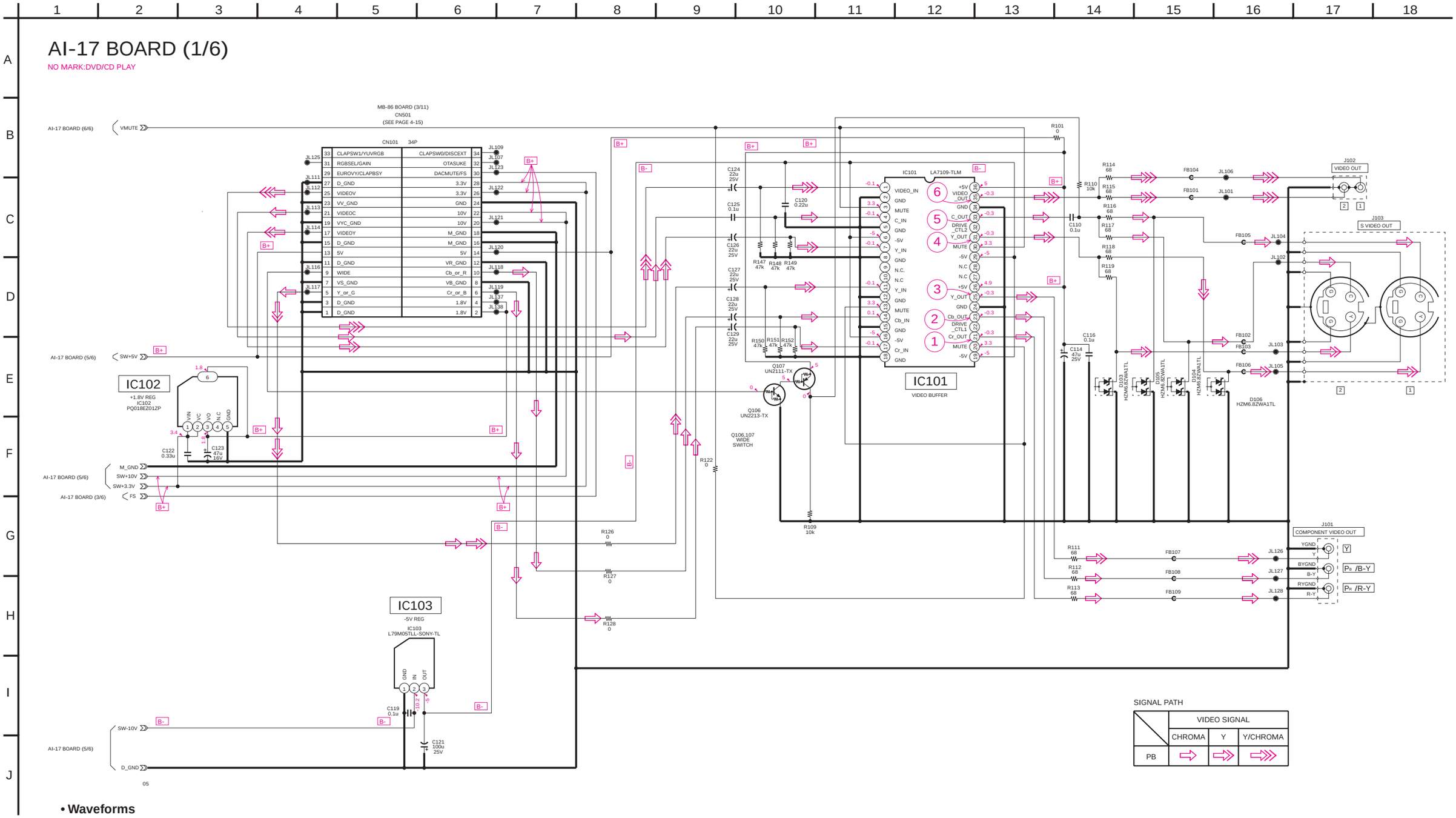
MB-86 (AUDIO DSP) SCHEMATIC DIAGRAM • See page 4-7 for printed wiring board.

– Ref. No.: MB-86 board; 1,000 series –



AI-17 (VIDEO BUFFER) SCHEMATIC DIAGRAM • See page 4-33 for printed wiring board.

– Ref. No.: AI-17 board; 2,000 series –

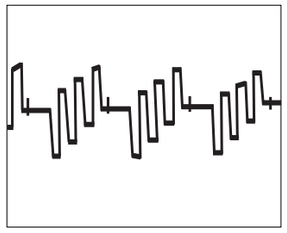


• **Waveforms**

❶ IC101 ㉑

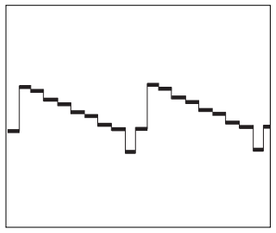
728 mVp-p (H)

❷ IC101 ㉓



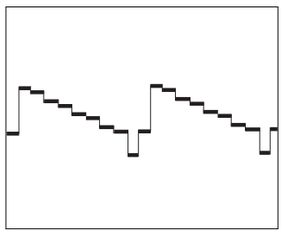
720 mVp-p (H)

❸ IC101 ㉕



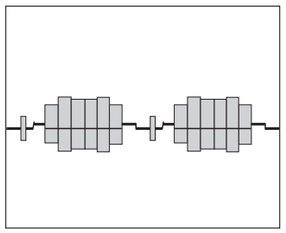
1.0 Vp-p (H)

❹ IC101 ㉛



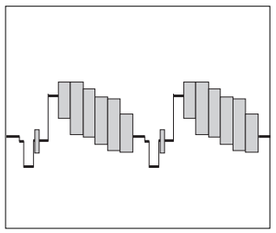
2.1 Vp-p (H)

❺ IC101 ㉝



520 mVp-p (H)

❻ IC101 ㉟

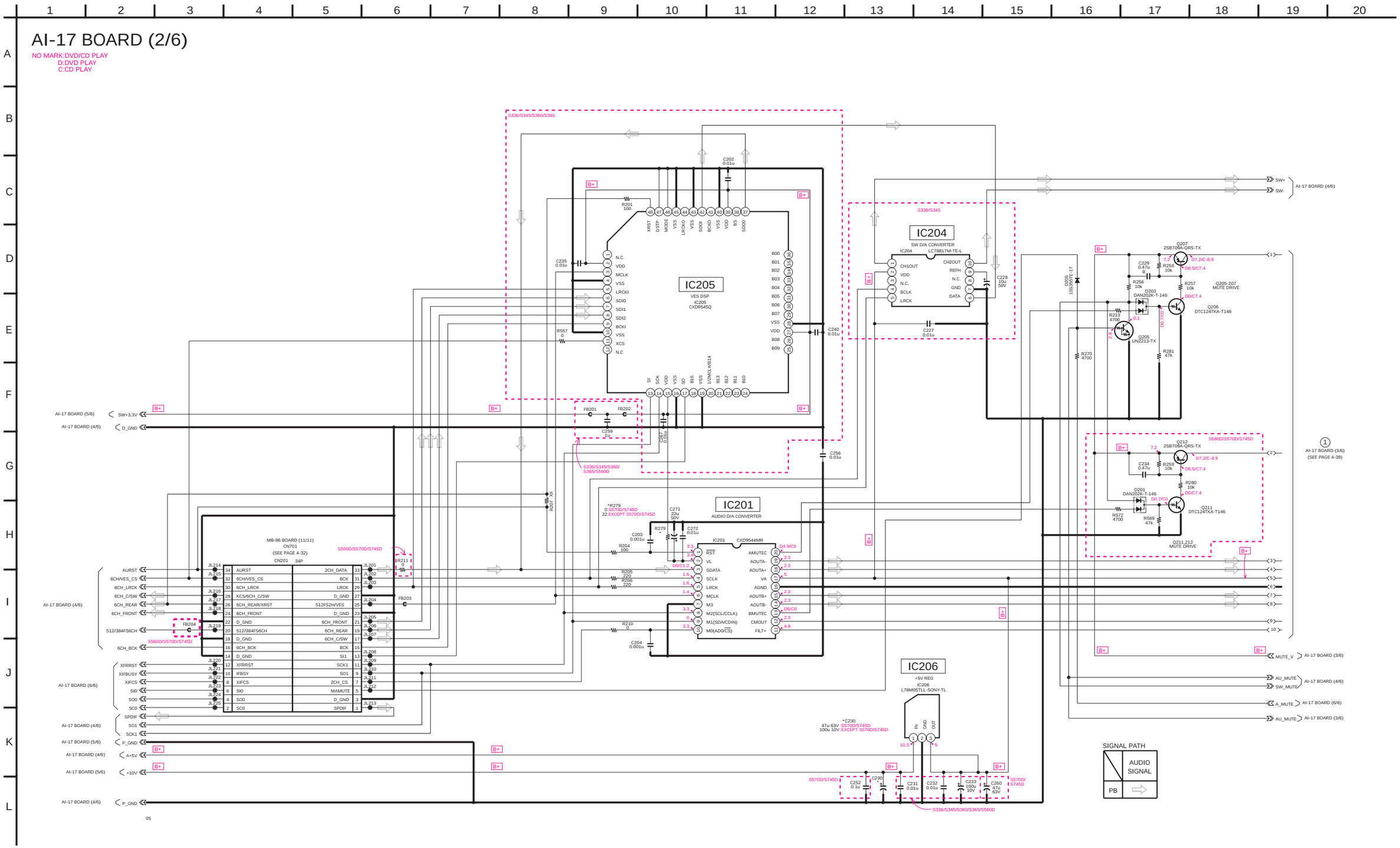


2.4 Vp-p (H)

VIDEO BUFFER
AI-17 (1/6)

AI-17 (D/A CONVERTER, DSP) SCHEMATIC DIAGRAM • See page 4-33 for printed wiring board.

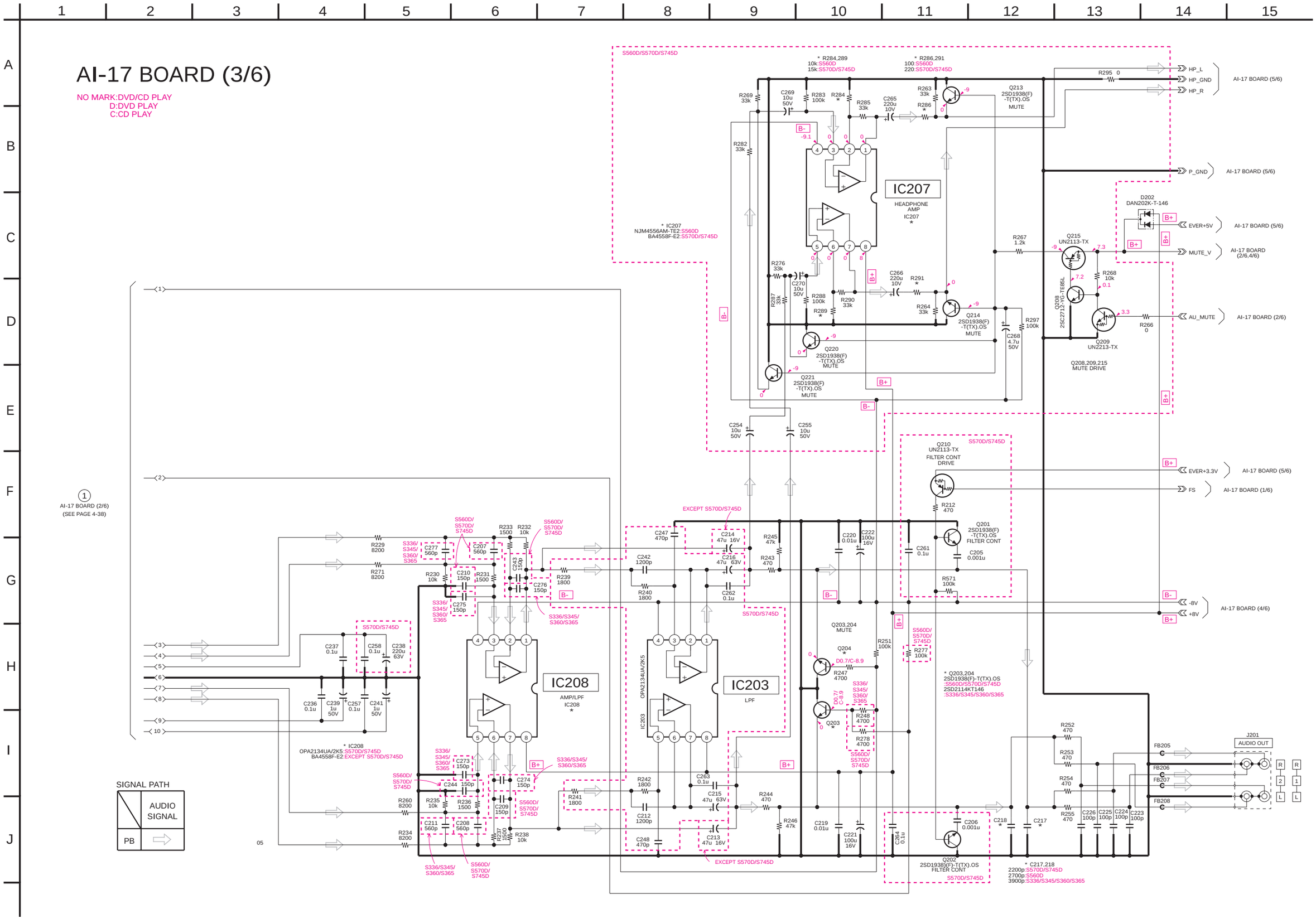
– Ref. No.: AI-17 board; 2,000 series –



D/A CONVERTER, DSP
AI-17 (2/6)

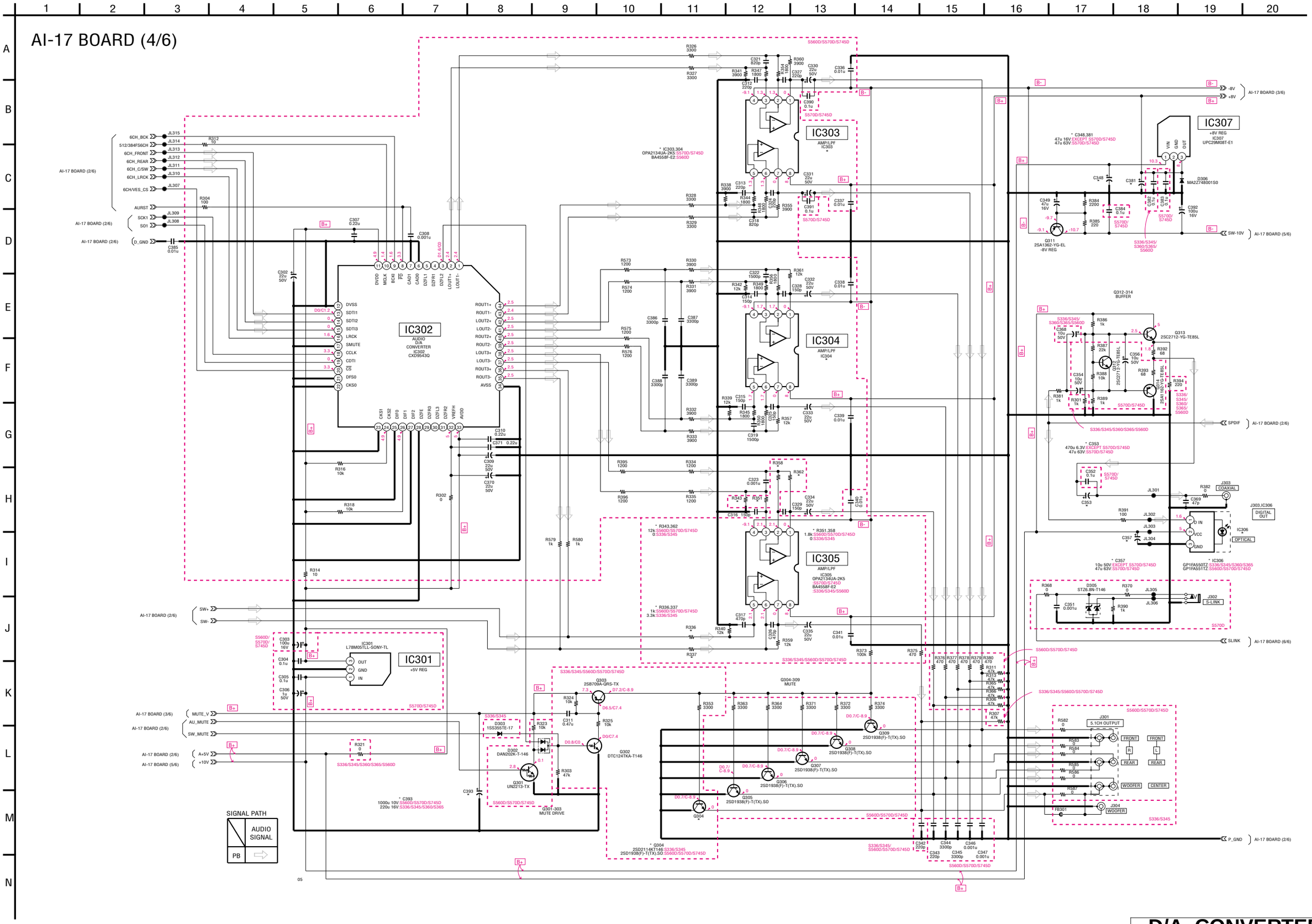
AI-17 (AMP, LPF) SCHEMATIC DIAGRAM • See page 4-33 for printed wiring board.

– Ref. No.: AI-17 board; 2,000 series –



AI-17 (D/A CONVERTER) SCHEMATIC DIAGRAM • See page 4-33 for printed wiring board.

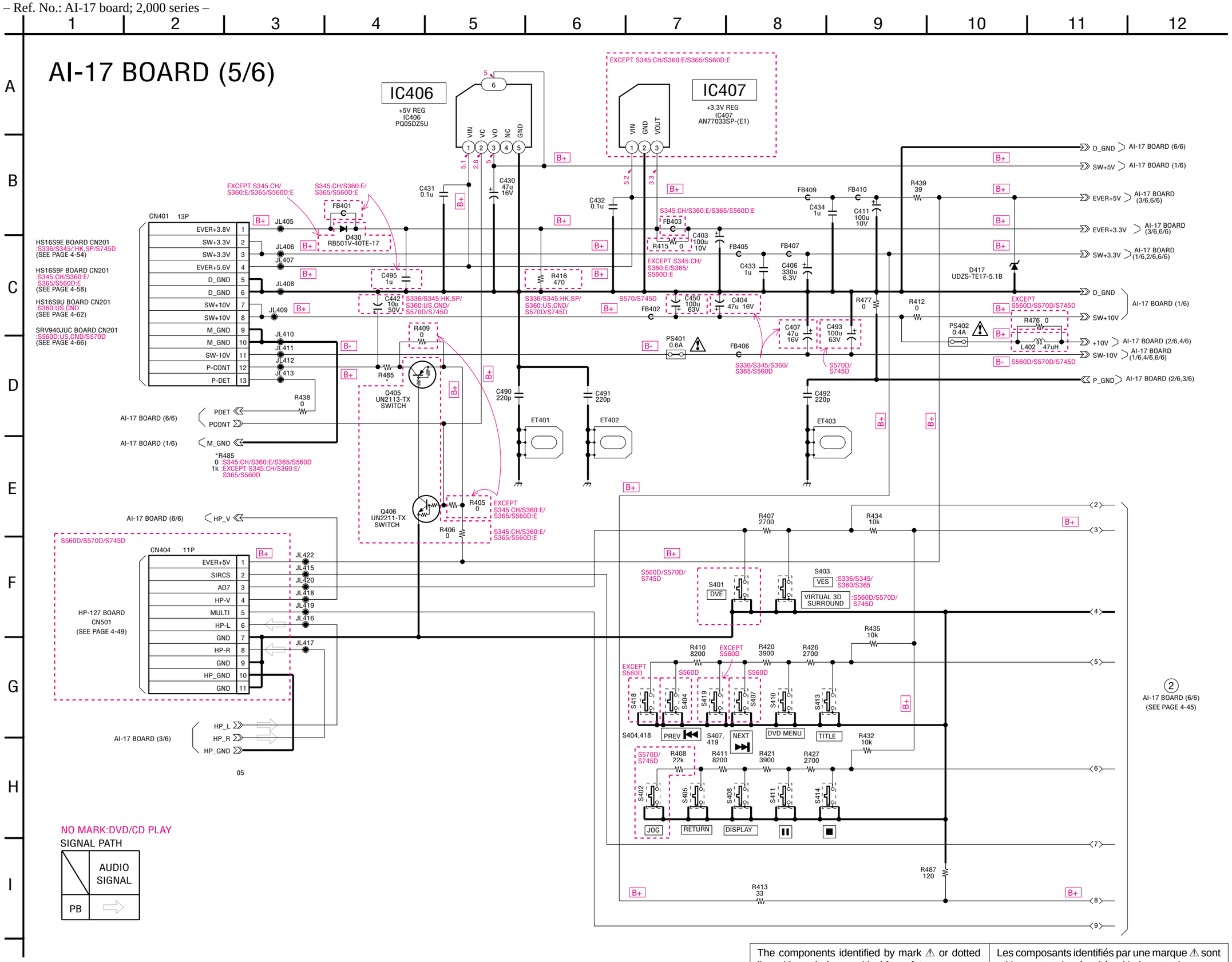
– Ref. No.: AI-17 board; 2,000 series –



D/A CONVERTER
AI-17 (4/6)

AI-17 (MODE CONTROL, POWER SUPPLY) SCHEMATIC DIAGRAM • See page 4-33 for printed wiring board.

– Ref. No.: AI-17 board; 2,000 series –

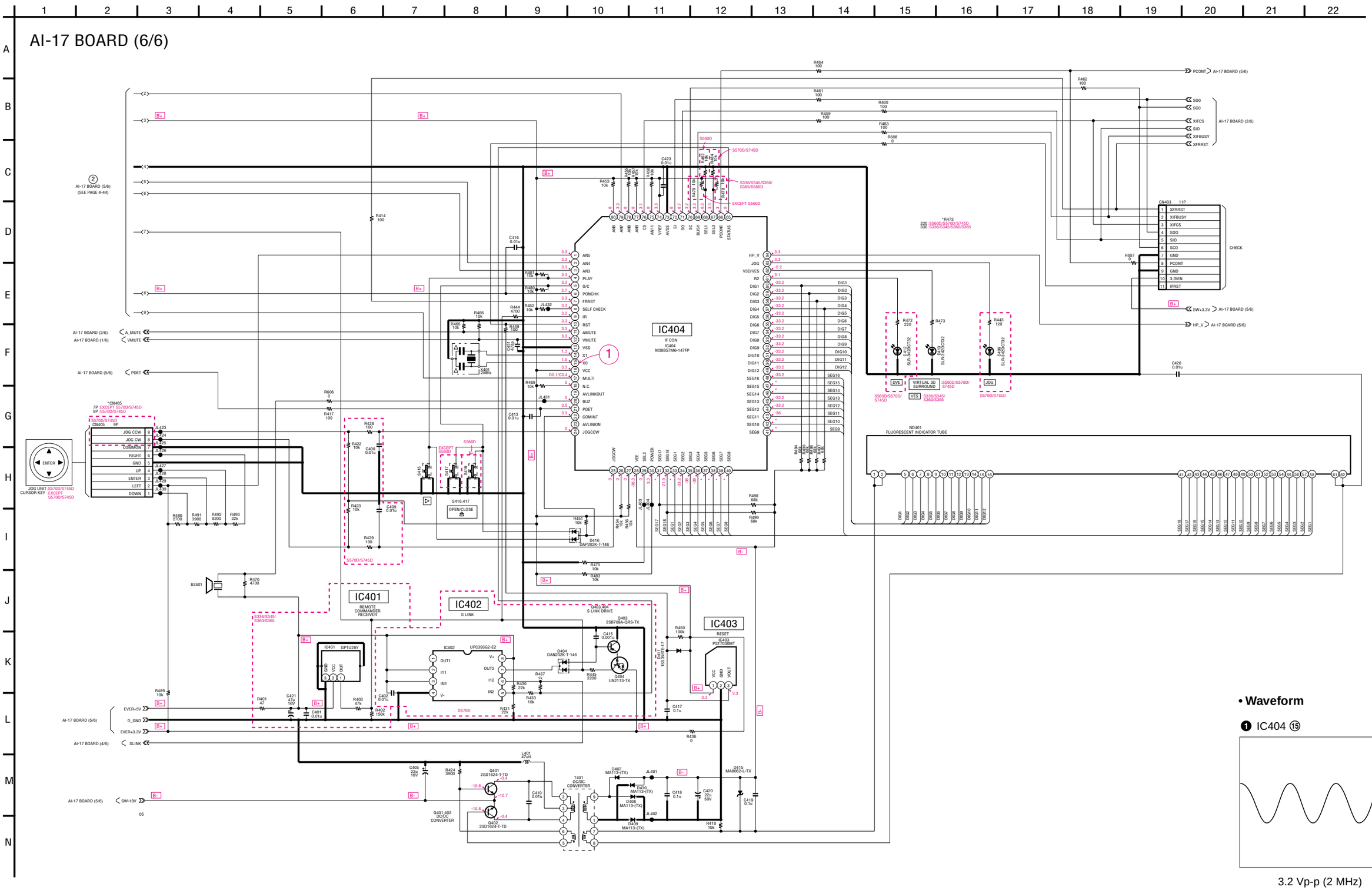


The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

MODE CONTROL, POWER SUPPLY
AI-17 (5/6)

AI-17 (IF CON) SCHEMATIC DIAGRAM

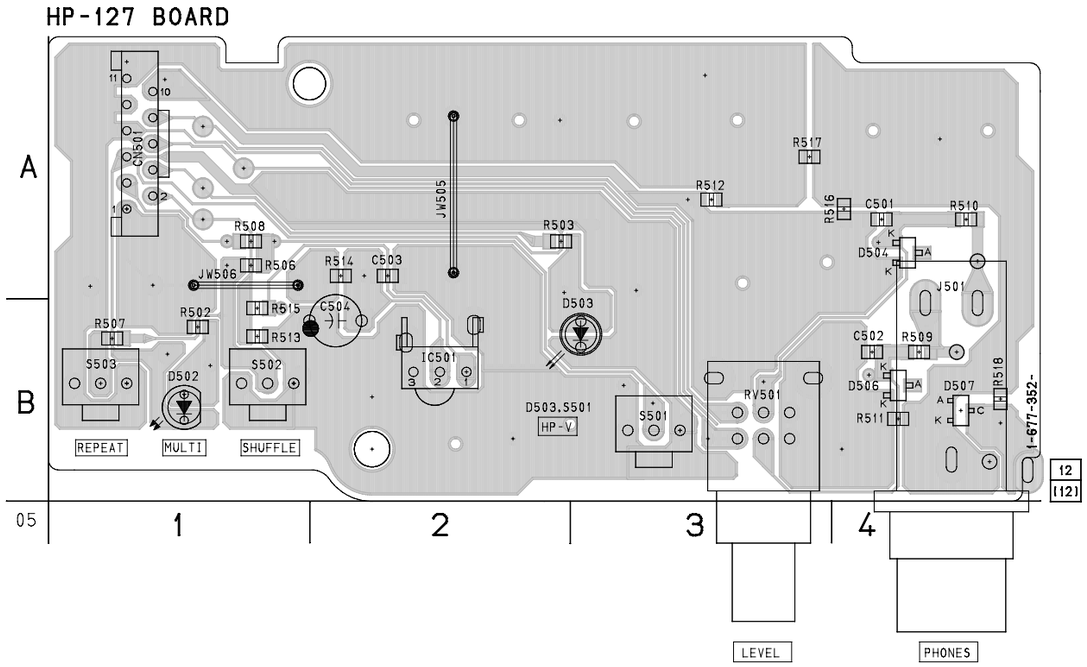
– Ref. No.: AI-17 board; 2,000 series –



IF CON
AI-17 (6/6)

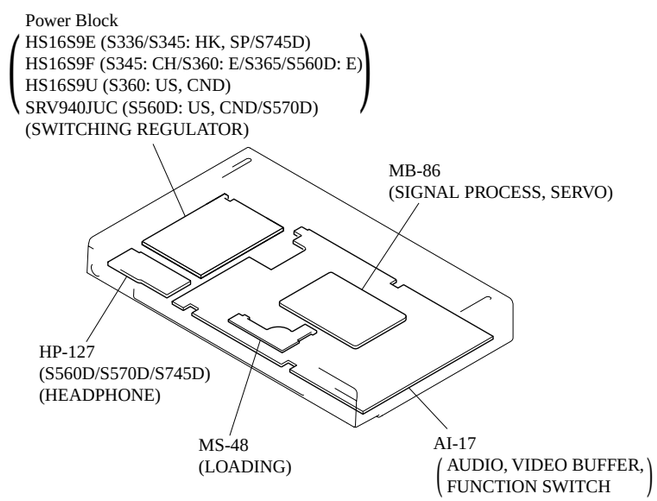
HP-127 (HEADPHONE) PRINTED WIRING BOARD
– Ref. No.: HP-127 board; 2,000 series –
– DVP-S560D/S570D/S745D –

There are few cases that the part isn't mounted in this model is printed on this diagram.



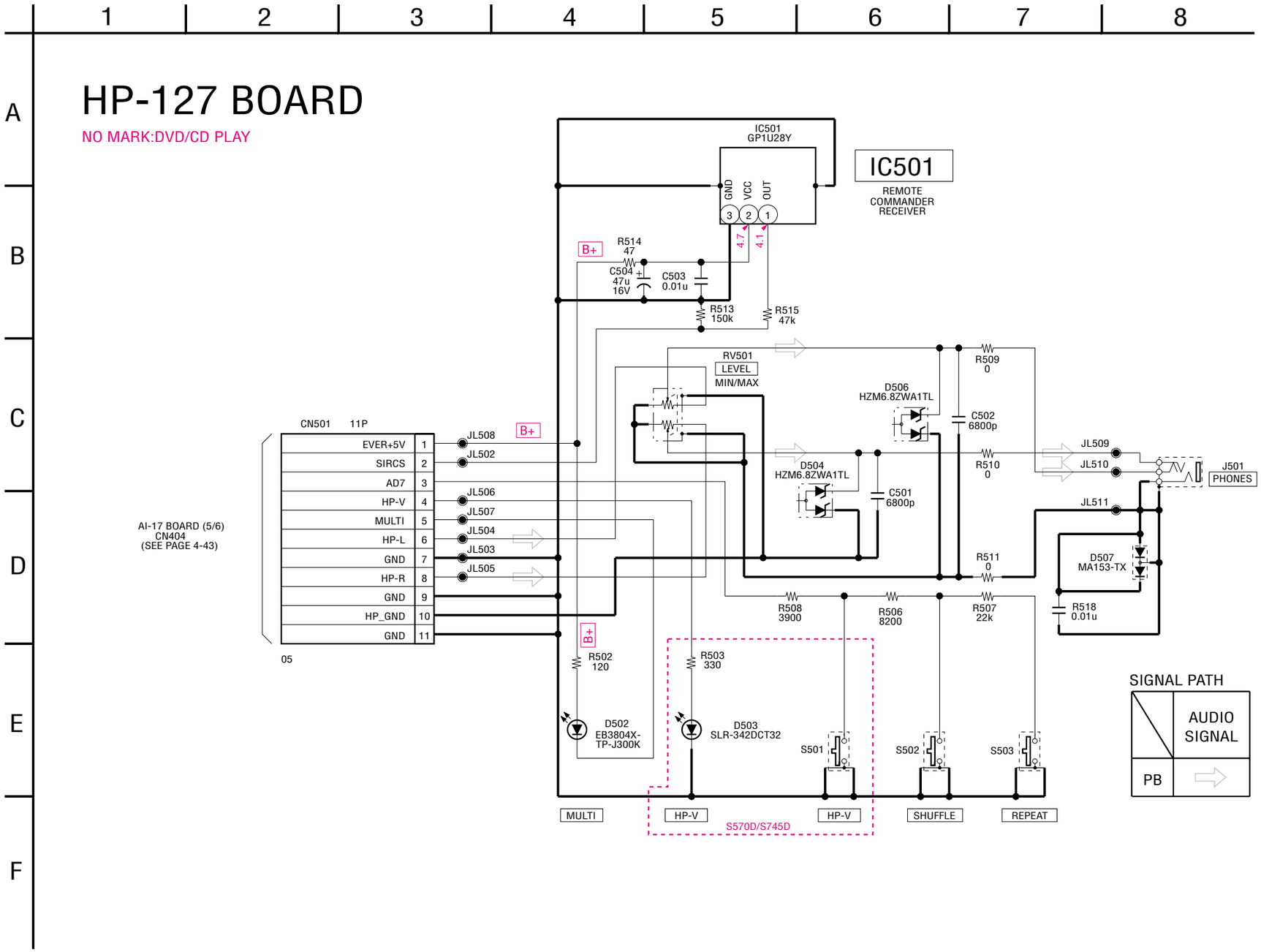
HP-127 BOARD

CN501	A-1
D502	B-1
D503	B-3
D504	A-4
D506	B-4
D507	B-4
IC501	B-2



HEADPHONE
HP-127

HP-127 (HEADPHONE) SCHEMATIC DIAGRAM
– Ref. No.: HP-127 board; 2,000 series –
– DVP-S560D/S570D/S745D –

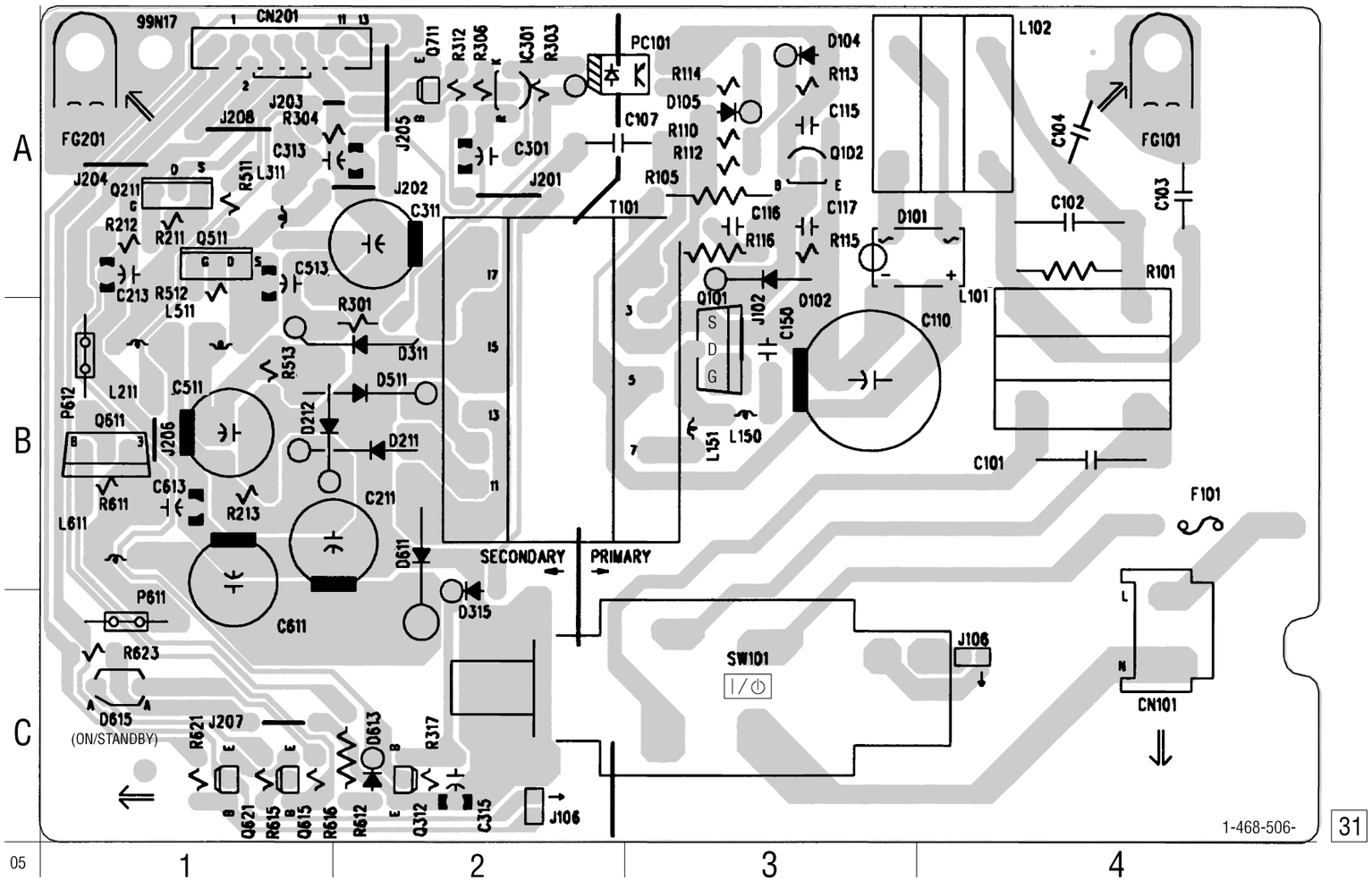


HS16S9E (SWITCHING REGULATOR) PRINTED WIRING BOARD
– Ref. No.:HS16S9E board; 3,000 series –
– DVP-S336/S345: HK, SP/S745D –

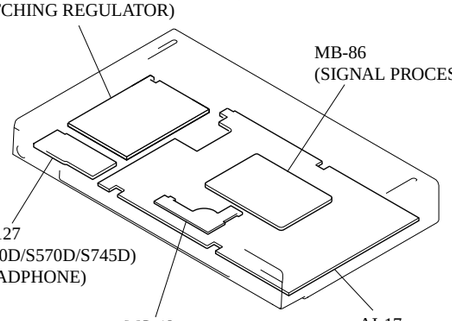
There are few cases that the part isn't mounted in this model is printed on this diagram.

HS16S9E BOARD

CN101	C-4
CN201	A-1
D101	A-3
D102	A-3
D104	A-3
D105	A-3
D211	B-2
D212	B-1
D311	B-2
D315	C-2
D511	B-2
D611	B-2
D613	C-2
D615	C-1
IC301	A-2
Q101	B-3
Q102	A-3
Q211	A-1
Q312	C-2
Q511	A-1
Q611	B-1
Q615	C-1
Q621	C-1
Q711	A-2



Power Block
(HS16S9E (S336/S345: HK, SP/S745D)
HS16S9F (S345: CH/S360: E/S365/S560D: E)
HS16S9U (S360: US, CND)
SRV940JUC (S560D: US, CND/S570D))
(SWITCHING REGULATOR)



MB-86
(SIGNAL PROCESS, SERVO)

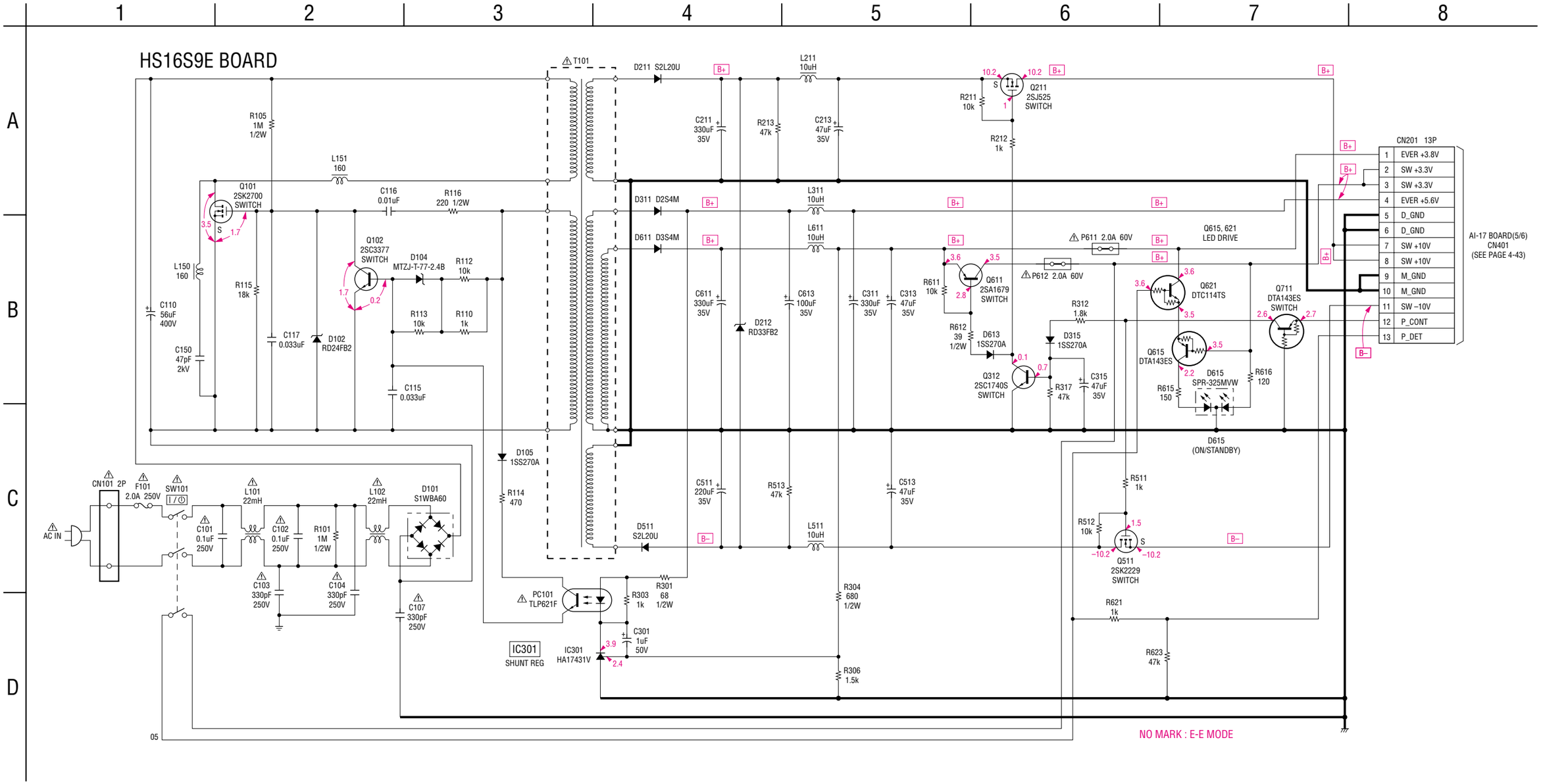
HP-127
(S560D/S570D/S745D)
(HEADPHONE)

MS-48
(LOADING)

AI-17
(AUDIO, VIDEO BUFFER, FUNCTION SWITCH)

SWITCHING REGULATOR
HS16S9E

HS16S9E (SWITCHING REGULATOR) SCHEMATIC DIAGRAM
– Ref. No.: HS16S9E board; 3,000 series –
– DVP-S336/S345: HK, SP/S745D –



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SWITCHING REGULATOR
HS16S9E

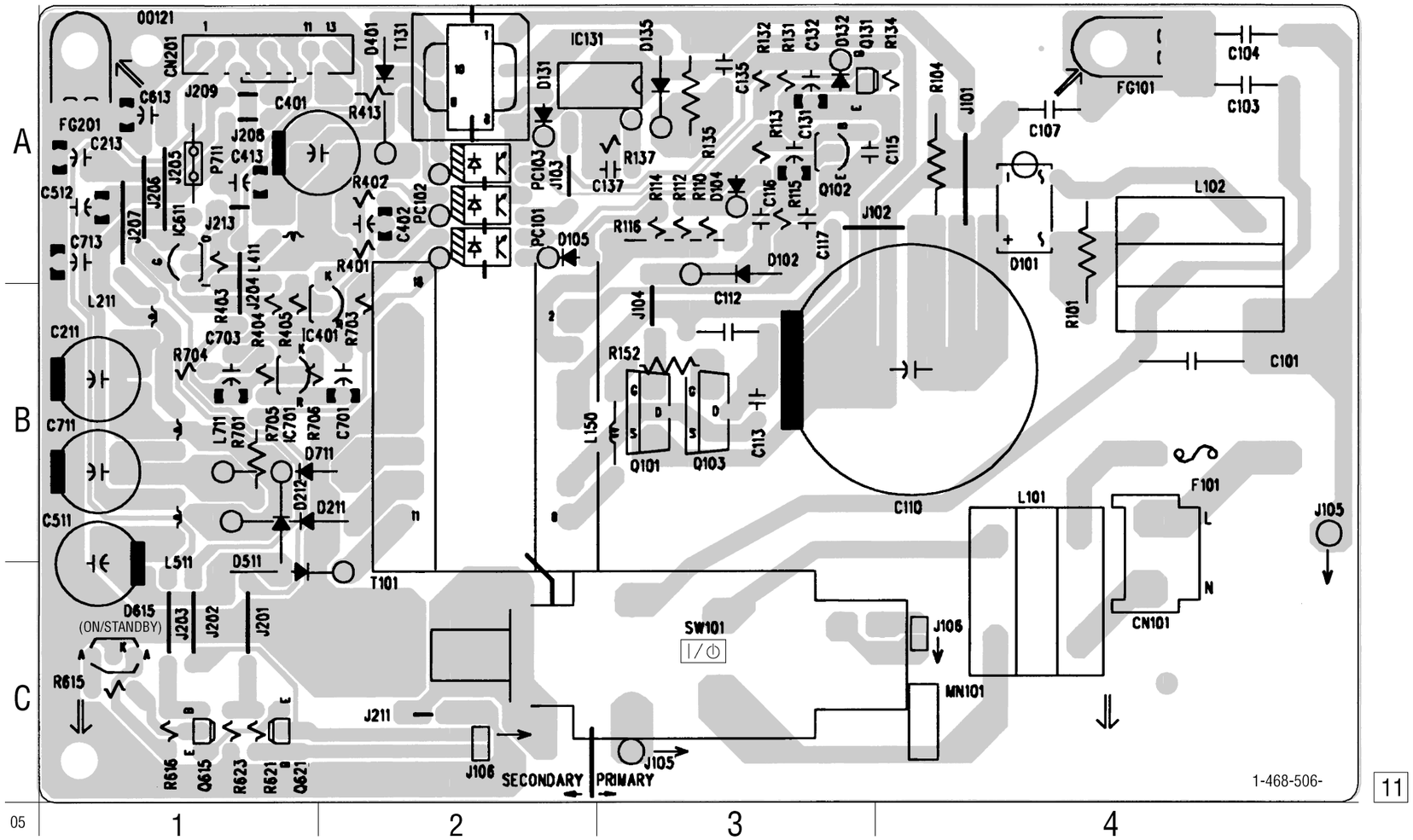
HS16S9F (SWITCHING REGULATOR) PRINTED WIRING BOARD
– Ref. No.:HS16S9F board; 4,000 series –
– DVP-S345: CH/S360: E/S365/S560D: E –

There are few cases that the part isn't mounted in this model is printed on this diagram.

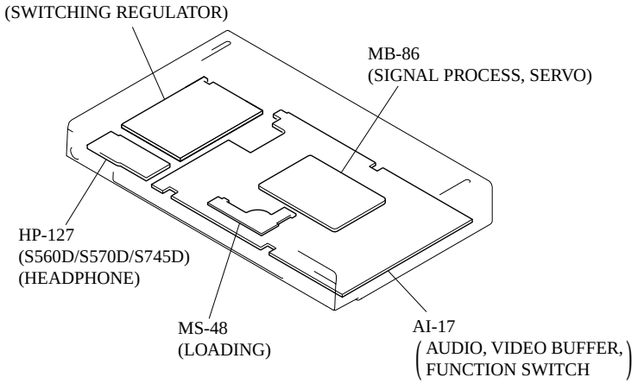
HS16S9F BOARD

CN101	C-4
CN201	A-1
D101	A-4
D102	A-3
D104	A-3
D105	A-2
D131	A-2
D132	A-3
D135	A-3
D211	B-1
D212	B-1
D401	A-2
D511	C-1
D615	C-1
D711	B-1
IC131	A-2
IC401	B-1
IC611	A-1
IC701	B-1
Q101	B-3
Q102	A-3
Q103	B-3
Q131	A-3
Q615	C-1
Q621	C-1

HS16S9F BOARD

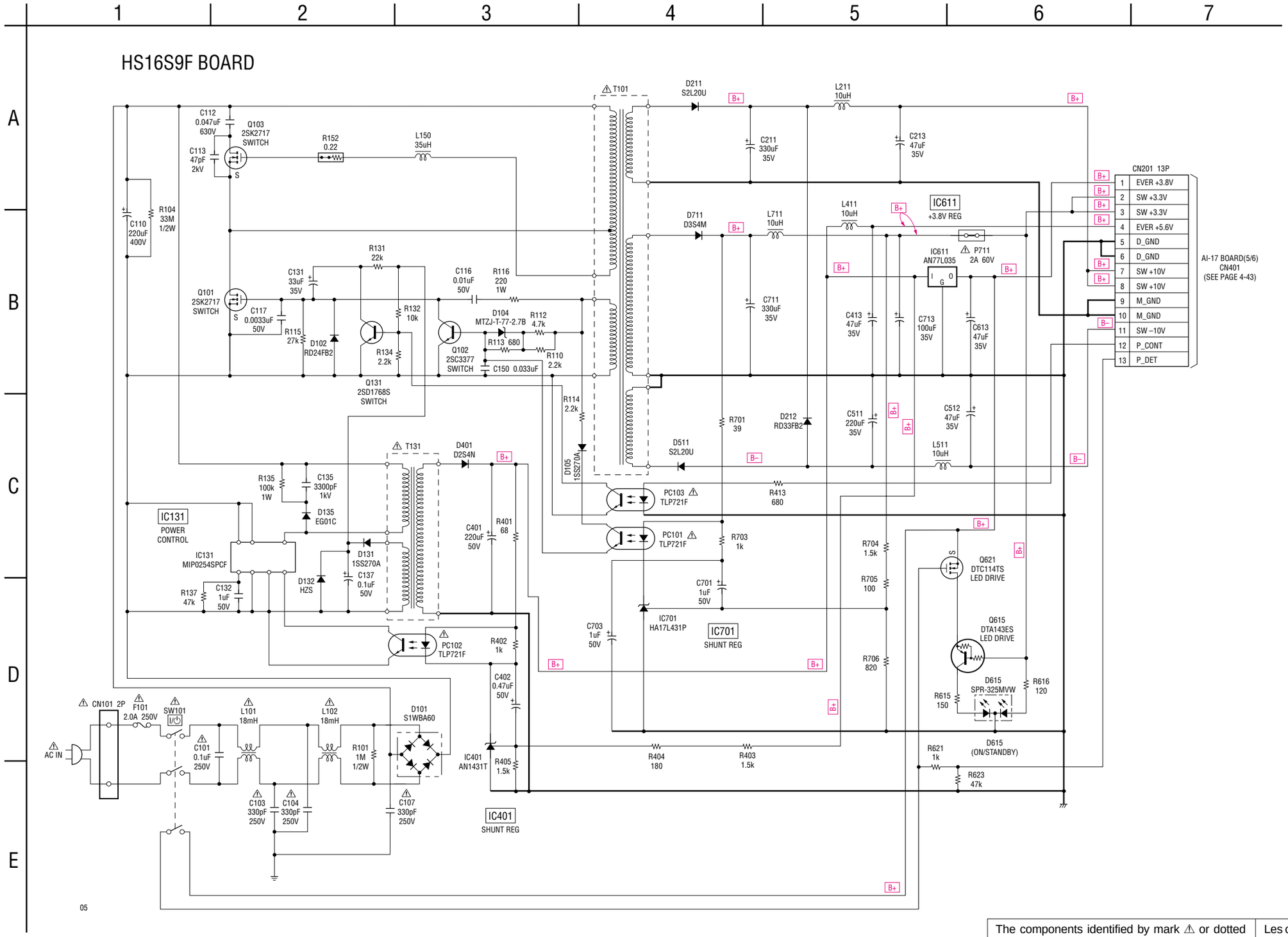


Power Block
(HS16S9E (S336/S345: HK, SP/S745D)
HS16S9F (S345: CH/S360: E/S365/S560D: E)
HS16S9U (S360: US, CND)
SRV940JUC (S560D: US, CND/S570D))
(SWITCHING REGULATOR)



SWITCHING REGULATOR
HS16S9F

HS16S9F (SWITCHING REGULATOR) SCHEMATIC DIAGRAM
– Ref. No.: HS16S9F board; 4,000 series –
– DVP-S345: CH/S360: E/S365/S560D: E –



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SWITCHING REGULATOR
HS16S9F

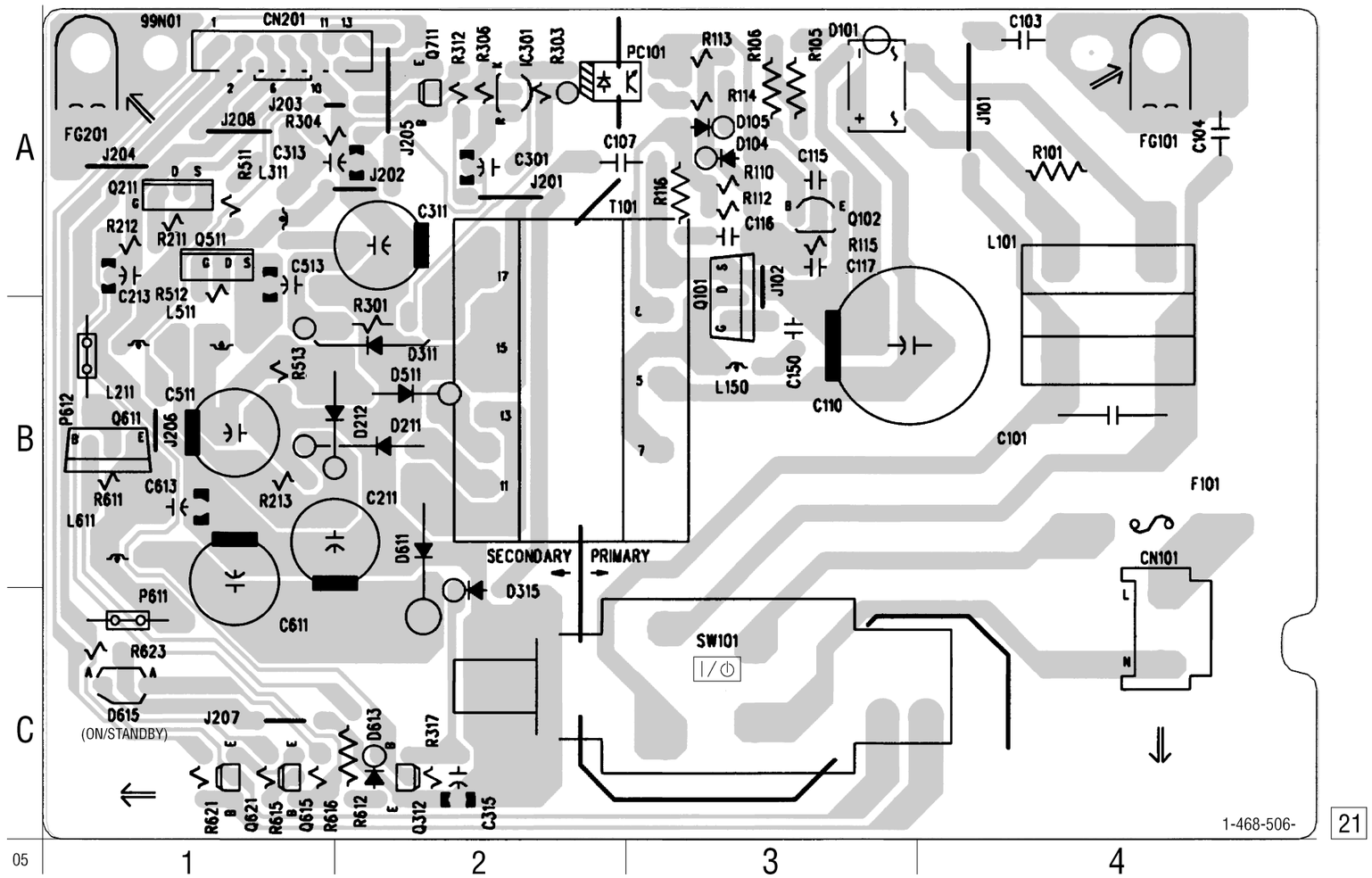
HS16S9U (SWITCHING REGULATOR) PRINTED WIRING BOARD
– Ref. No.:HS16S9U board; 5,000 series –
– DVP-S360: US, CND –

There are few cases that the part isn't mounted in this model is printed on this diagram.

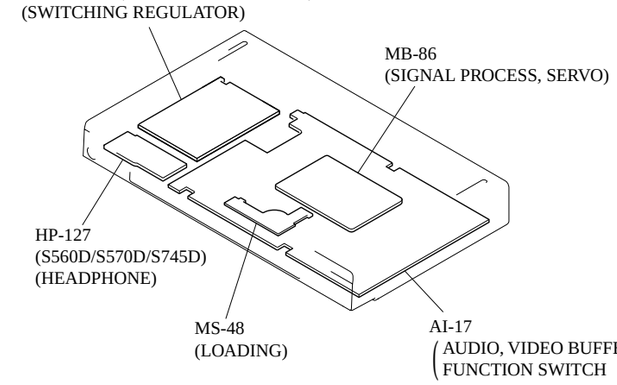
HS16S9U BOARD

CN101	C-4
CN201	A-1
D101	A-3
D104	A-3
D105	A-3
D211	B-2
D212	B-2
D311	B-2
D315	C-2
D511	B-2
D611	B-2
D613	C-2
D615	C-1
IC301	A-2
Q101	B-3
Q102	A-3
Q211	A-1
Q312	C-2
Q511	A-1
Q611	B-1
Q615	C-1
Q621	C-1
Q711	A-2

HS16S9U BOARD

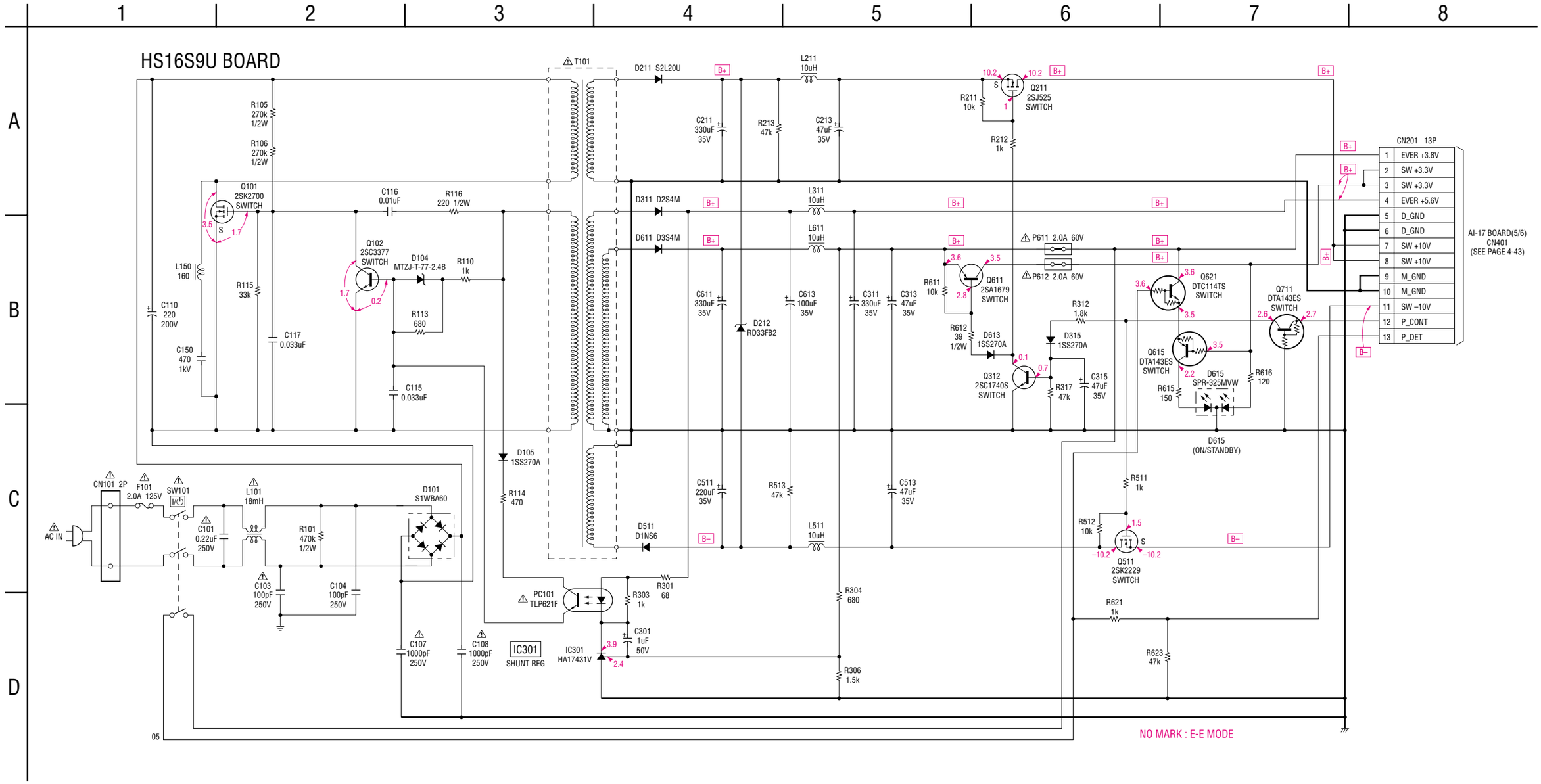


Power Block
(HS16S9E (S336/S345: HK, SP/S745D)
HS16S9F (S345: CH/S360: E/S365/S560D: E)
HS16S9U (S360: US, CND)
SRV940JUC (S560D: US, CND/S570D))
(SWITCHING REGULATOR)



SWITCHING REGULATOR
HS16S9U

HS16S9U (SWITCHING REGULATOR) SCHEMATIC DIAGRAM
– Ref. No.: HS16S9U board; 5,000 series –
– DVP-S360: US, CND –



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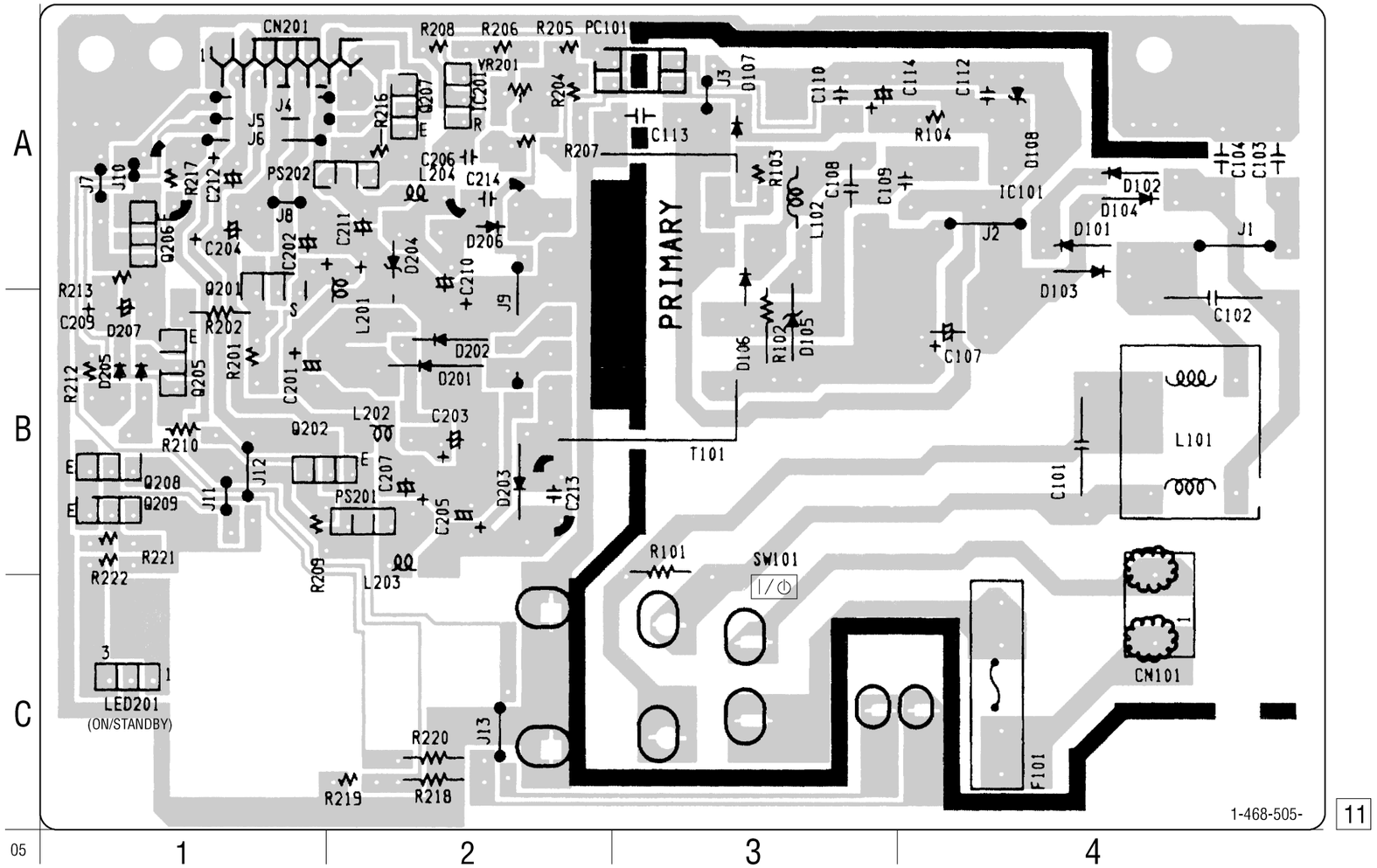
SWITCHING REGULATOR
HS16S9U

SRV940JUC (SWITCHING REGULATOR) PRINTED WIRING BOARD
– Ref. No.:SRV940JUC board; 6,000 series –
– DVP-S560D: US, CND/S570D –

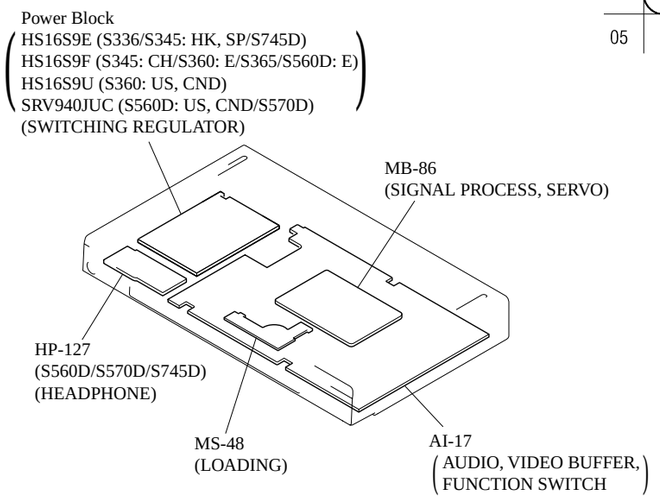
There are few cases that the part isn't mounted in this model is printed on this diagram.

SRV940JUC BOARD



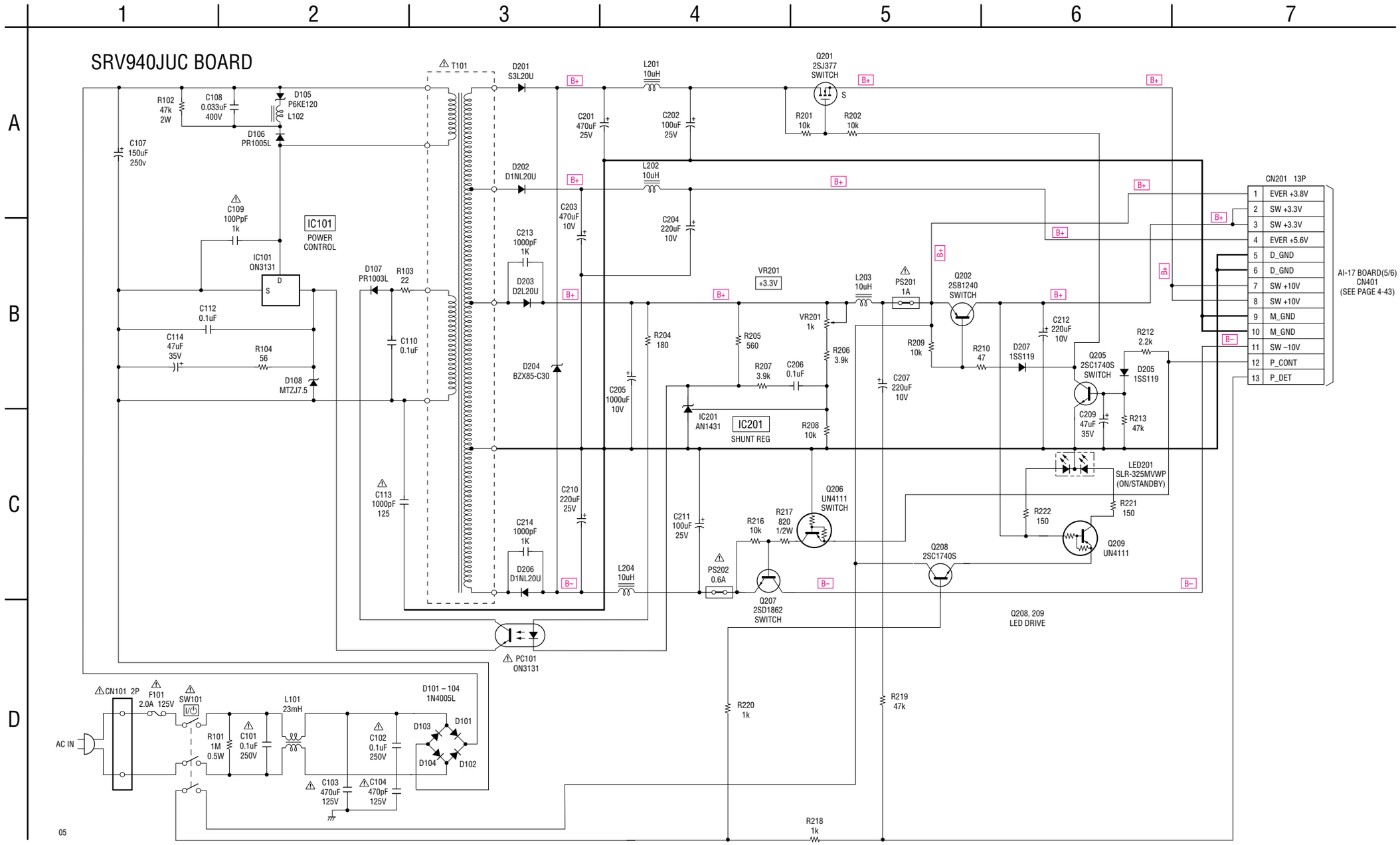
SRV940JUC BOARD

CN101	C-4
CN201	A-1
D101	A-4
D102	A-4
D103	A-4
D104	A-4
D105	B-3
D106	B-3
D107	A-3
D108	A-4
D201	B-2
D202	B-2
D203	B-2
D204	A-2
D205	B-1
D206	A-2
D207	B-1
LED201	C-1
IC101	A-4
IC201	A-2
Q201	A-1
Q202	B-1
Q205	B-1
Q206	A-1
Q207	A-2
Q208	B-1
Q209	B-1



SWITCHING REGULATOR
SRV940JUC

SRV940JUC (SWITCHING REGULATOR) SCHEMATIC DIAGRAM
– Ref. No.: SRV940JUC board; 6,000 series –
– DVP-S560D: US, CND/S570D –



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SWITCHING REGULATOR
SRV940JUC

5-1. SYSTEM CONTROL PIN FUNCTION (MB-86 BOARD IC102)

Pin No.	Pin name	I/O	Function
1–5	HA17-HA21	O	Address bus A17-A21
6	HA22	–	Not used
7	GAIN/RGBSEL	O	Color difference signal/RGB signal select signal output
8	DACMUTE/FS	O	Filter control signal output
9	AVCC	–	Power supply
10	AVRH	–	Reference power supply (+3.3 V)
11	AVSS	–	Ground
12	AN0	I	Set of mode 0
13	AN1	I	Set of mode 1
14	AN2	I	Set of mode 2
15	AN3	I	Set of mode 3
16	XRST	O	System reset signal output
17	OEB	–	Not used
18	CS6	O	Chip select signal for servo DSP
19	NC	–	Not used
20	EUROV/Y	O	EURO V/Y select signal output
21	CLAPSW0/DISCEXT	O	Line input select signal output (DISC: “H”, EXT: “ L”)
22	ARPRST	O	Reset signal output for ARP
23	DRVMUTE	O	Drive mute signal output
24	VCC	–	Power supply
25	INT0	I	Input of interrupt from AV DEC
26	INT1	I	Input of interrupt from ARP
27	INT2	I	Input of interrupt from FGA
28	INT3	I	Input of interrupt from EEPROM
29	INT4	I	Input of interrupt from IF CON
30	CKSW2/OTASUKE/INT5	I	Input of interrupt from audio DSP
31	CLAPBSY/INT6	I	Input of interrupt from audio DSP
32	INT7	I	Input of interrupt from servo DSP
33	SI0	I	Serial data input from IF CON and EEPROM
34	VSS	–	Ground
35	SO0	O	Serial data output to IF CON and EEPROM
36	SC0	O	Serial clock output to IF CON and EEPROM
37	SI1	I	Serial bus 1 (for data input)
38	SO1	O	Serial bus 1 (for data output)

Pin No.	Pin name	I/O	Function
39	SC1	O	Serial clock output
40	SI2	I	Serial bus 2 (for data input)
41	SO2	O	Serial bus 2 (for data output)
42	YUVRGB/CLAPSW1	O	Mute signal output to video buffer and EURO C/R select signal output
43	DREQ0	I	Input of DMA-REQ 0 from AV DEC
44	DACK0	O	Output of DMA-ACK 0 to AV DEC
45	IFCS	O	Chip select signal to IF CON
46	DREQ1	I	Input of DMA-REQ 1 from AV DEC
47	DACK1	O	Output of DMA-ACK 1 to AV DEC
48	EWC	O	Write control signal output to EEPROM
49	ECS	O	Chip select signal output to EEPROM
50	KCS/39CS	O	Chip select signal output to audio DSP
51	AURST	O	Reset signal output to audio DAC
52	VSS	–	Ground
53	X1	O	Clock output (12.5 MHz)
54	X0	I	Clock input (12.5 MHz)
55	VCC	–	Power supply
56	CKSW1	I	Chuck sensor input
57	OCSW1	I	Tray sensor input
58	OCSW2	I	Tray sensor input
59	DACCS0	O	Chip select signal output to DAC (2ch)
60	DACCS1	O	Chip select signal output to DAC (6ch) and DSP
61	48/44.1K	O	PLL FS control signal output
62	MAMUTE	O	Audio mute signal output
63	WIDE	O	WIDE select signal output
64	C	–	Capacitor (0.1uF) connect between ground
65	CS0X	O	External ROM chip select signal output
66	CS1X	–	Not used
67	CS2X	O	Chip select signal output (for AV DEC)
68	CS3X	O	Chip select signal output (for AV DEC)
69	CS4X	O	Chip select signal output (for ARP)
70	CS5X	O	Chip select signal output (for FGA)

Pin No.	Pin name	I/O	Function
71	CPUCK	O	CPU clock signal output
72	NMIX	–	Not used (fixed at “H”)
73	HSTX	–	Not used (fixed at “H”)
74	FRRSTIN	I	Reset signal input from IF CON
75	VSS	–	Ground
76	MD0	I	Input of mode select 0 (fixed at “1”)
77	MD1	–	Ground
78	MD2	–	Ground
79	XWAIT	I	Wait signal input
80	BGRNTX	–	Test terminal (fixed at “H”)
81	BRQ	–	Test terminal (fixed at “L”)
82	RD	O	Read enable signal output
83	WRH	O	High byte write enable signal output (16 bit and 8 bit)
84	NC	–	Not used
85–92	HD0-HD7	I/O	Data bus D0-D7 (16 bit only)
93–100	HD8-HD15	I/O	Data bus D8-D15 (16 bit) , D0-D7 (8 bit)
101	VSS	–	Ground
102–109	HA0-HA7	O	Address bus A00-A07
110	VCC	–	Power supply
110–118	HA8-HA15	O	Address bus A08-A15

SECTION 6
TEST MODE

6-1. GENERAL DESCRIPTION

The Test Mode allows you to make diagnosis and adjustment easily using the remote commander and monitor TV. The instructions, diagnostic results, etc. are given on the on-screen display (OSD).

6-2. STARTING TEST MODE

Press [TITLE], [CLEAR], [POWER] buttons on the remote commander in this order with the power of main unit in OFF status, and the Test Mode starts, then the menu shown below will be displayed on the TV screen. At the bottom of menu screen, the model name and revision number are displayed.
To execute each function, select the desired menu and press its number on the remote commander.
To exit from the Test Mode, press the POWER button.

```
         Test Mode Menu

0. Syscon Diagnosis
1. Drive Auto Adjustment
2. Drive Manual Operation
3. Mecha Aging
4. Emergency History
5. Version Information
6. Video Level Adjustment
                Exit: Power Key
_
Model     : DPX13xxxx
Revision   : 1.xxxx
```

6-3. SYSCON DIAGNOSIS

The same contents as board detail check by serial interface can be checked from the remote commander.
On the Test Mode Menu screen, press [0] key on the remote commander, and the following check menu will be displayed.

```
    ### Syscon Diagnosis ###
           Check Menu
0. Quit
1. All
2. Version
3. Peripheral
4. Servo
5. Supply
6. AV Decoder
7. Video
8. Audio
_
```

0. Quit
Quit the Syscon Diagnosis and return to the Test Mode Menu.

1. All
All items continuous check
This menu checks all diagnostic items continuously. Normally, all items are checked successively one after another automatically unless an error is found, but at a certain item that requires judgment through a visual check to the result, the following screen is displayed for the key entry.

```
    ### Syscon Diagnosis ###

         Diag All Check
          No. 2 Version

 2-3. ROM Check Sum
Check Sum = xxxx



Press NEXT Key to Continue
Press PREV Key to Repeat
_
```

For the ROM Check, the check sum calculated by the Syscon is output, and therefore you must compare it with the specified value for confirmation.
Following the message, press [NEXT] key to go to the next item, or [PREV] key to repeat the same check again. To quit the diagnosis and return to the Check Menu screen, press [STOP] or [ENTER] key. If an error occurred, the diagnosis is suspended and the error code is displayed as shown below.

```
    ### Syscon Diagnosis ###




 3-2. EEPROM Check
Error 03: EEPROM Write/Reed N
Address    : 00000001
Write Data : 2492
Read Data  : 2490
Press NEXT Key to Continue
Press PREV Key to Repeat
_
```

Press [STOP] key to quit the diagnosis, or [PREV] key to repeat the same item where an error occurred, or [NEXT] key to continue the check from the item next to faulty item.

Subnemu

Selecting 2 and subsequent items calls the submenu screen of each item.
For example, if “5. Supply” is selected, the following submenu will be displayed.

```
    ### Syscon Diagnosis ###
           Check Menu
          No. 5 Supply
0. Quit
1. All
2. ARP Register Check
3. ARP to RAM Data Bus
4. ARP to RAM Address Bus
5. ARP RAM Check
_
```

0. Quit
Quit the submenu and return to the main menu.

1. All

All submenu items continuous check
This menu checks 2 and subsequent items successively. At the item where visual check is required for judgment or an error occurred, the checking is suspended and the message is output for key entry. Normally, all items are checked successively one after another automatically unless an error is found.
Selecting 2 and subsequent items executes respective menus and outputs the results.
For the contents of each submenu, see “Check Items List”.

General Description of Checking Method

2. Version

(2-2) Revision
ROM revision number is displayed.
Error: Not detected.
The revision number defined in the source file of ROM (IC104) is displayed with four digits.

(2-3) ROM Check Sum
Check sum is calculated.
Error: Not detected.
The data are added of ROM (IC104) and the result is displayed with 4-digit hexadecimal number. Error is not detected. Compare the result with the specified value.

(2-4) Model Type
Model code is displayed.
Error: Not detected.
The model code is displayed with 2-digit hexadecimal number.

	Model Type	
DVP-S336 (KR)	0	7
DVP-S345 (CH)	0	6
DVP-S345 (HK, SP)	0	7
DVP-S360 (US, CND, E)	0	0
DVP-S365 (PX)	0	0
DVP-S560D (US, CND, E)	1	0
DVP-S570D (US, CND)	2	0
DVP-S745D (HK, SP, KR)	2	3
DVP-S745D (CH)	2	6

- Abbreviation
  CH : Chinese
  CND: Canadian
  HK : Hong Kong
  KR : Korea
  SP : Singapore

(2-5) Region
Region code is displayed.
Error: Not detected.
The region code determined from the model code is displayed.

3. Peripheral

(3-2) EEPROM Check
Data write → read, and accord check
Error 03: EEPROM write/read discord
Before writing, the data are saved, then after checking, they are written to restore the contents of EEPROM.

(3-3) Gate Array Check
Data write → read, and accord check
Error 02: Gate array write/read discord

(3-4) NAND Flash Check
Data clear → write → read, and accord check
This check is conducted to the DVP-S570D/S745D only.
Error 04: Clear error
05: Write error
06: Read data discord
21: Faulty blocks exceed 10
The data clear, write, read, and check are executed to the block 0 of Flash memory (IC802).
In case of a faulty block, its address is displayed.

4. Servo

(4-2) Servo DSP Check
Data write → read, and accord check
Error 12: Read data discord

(4-3) DSP Driver Test
Test signal data → DSP Driver
Error: Not detected.

5. Supply

Caution: Do not conduct this check with a mechanical deck connected.
An access is made to the stream supply and servo control IC (IC302) and external RAM (IC303) using check data. If mechanical deck is connected, the motor and optics could be damaged. This check is also executed by the “All” menu item.

Supplement: How to disconnect mechanical deck
Disconnect flexible flat cables connected to the CN201 and CN202 of MB-86 board. Also, disconnect flat cable from the CN401.

(5-2) ARP Register Check
Data write → read, and accord check
Error 08: ARP register write, and read data discord

(5-3) ARP to RAM Data Bus
Data write → read, and accord check
Error 09: ARP ←→ RAM data bus error
Data 0x0001 to 0x8000 where one bit each is set to 1 are written to the address 0 of RAM (IC303) connected to the ARP (IC302) through the bus, then they are read and checked. In case of discord, written bit pattern and read data are displayed. If data where multiple bits are 1 are read, the bits concerned may touch each other. Further, if data where certain bit is always 1 or 0 regardless of written data, the line could be disconnected or shorted.

(5-4) ARP to RAM Address Bus
Data write → other address read discord check
Error 10: ARP → RAM address bus error
Caution: Address and data display in case of an error is different from the display of other diagnosis (described later).
Before starting the test, all addresses of RAM (IC303) are cleared to 0x0000.
First, 0xA55A is written to the address 0x00000, and the address data are read and checked from addresses 0x00001 to 0x80000 while shifting 1 bit each. Next, the data at that address is cleared, and it is written to the address 0x00001, and read and checked in the same manner. This check is repeated up to the address 0x80000 while shifting the address data by 1 bit each.
If data other than 0 is read at the addresses except written address, an error is given because all addresses were already cleared to 0. In this check, the error display pattern is different from that of other diagnosis; read data, written address, and read address are displayed in this order. However, the message uses same template, and accordingly exchange Address and Data when reading. The following display, for example,

```
    ### Syscon Diagnosis ###



 5-4. ARP to RAM Address Bus
Error 10: ARP - RAM Address B
Address    : 0000A55A
Write Data : 00000000
Read Data  : 00080000
Press NEXT Key to Continue
Press PREV Key to Repeat
_
```

shows the data 0xA55A was read from address 0x00080000 though it was written to the address 0x00000000. This implies that these addresses are in the form of shadow. Also, if the read data is not 0xA55A, another error will be present.

(5-5) ARP RAM Check
Data write → read, and accord check
Error 11: ARP RAM read data discord
The program code data stored in ROM are copied to all areas of RAM (IC303) connected to the ARP (IC302) through the bus, then they are read and checked if they accord. If the detail check was selected initially, the data are written to all areas and read, then the same test is conducted once again with the data where all bits are inverted between 1 and 0. If discord is detected, faulty address, written data, and read data are displayed following the error code 11, and the test is suspended.

6. AV Decoder

(6-2) 1930 RAM
Data write → read, and accord check
Error 13: AVD RAM read data discord
The program code data stored in ROM (IC104) are copied to all areas of RAM (IC504, IC505) connected to the AVD (IC502) through the bus, then they are read and checked if they accord. Further, the same test is conducted once again with the data where all bits are inverted between 1 and 0. If discord is detected, faulty address, written data, and read data are displayed following the error code 13, and the test is suspended.

(6-3) 1930 SP
ROM → AVD RAM → Video OUT
Error: Not detected.
The data including sub picture streams in ROM (IC104) are transferred to the RAM (IC504, IC505) in AVD (IC502), and output as video signals from the AVD (IC502).
They are output from all video terminals (Composite, Y/C, Component) except EURO AV terminal.

7. Video

(7-2) Color Bar
AVD color bar command write → Video OUT
Error: Not detected.
The command is transferred to the AVD, and the color bar signals are output from video terminals.
They are output from all video terminals (Composite, Y/C, Component) except EURO AV terminal.

8. Audio

(8-2) ARP → 1930
Error 14 : ARP → 1930 video NG
15 : ARP → 1930 audio NG

(8-3) Test Tone
A pink noise signal is output from the AVD (IC502) through optical coaxial digital terminal and analog audio terminal.
Error: Not detected.
All channels → 2ch Left → 2ch Right → Front Left → Front Right → Rear Left → Rear Right → Center → Sub Woofer are checked in this order.
Caution: Sub Woofer is checked only for low-frequency components, and no sound will be heard unless a proper super woofer is connected.

Check Items List

2) Version
(2-2) Revision
(2-3) ROM Check Sum
(2-4) Model Type
(2-5) Region

3) Peripheral
(3-2) EEPROM Check
(3-3) Gate Array Check
(3-4) NAND Flash Check
(DVP-S570D/S745D)

4) Servo
(4-2) Servo DSP Check
(4-3) DSP Driver Test

5) Supply
(5-2) ARP Register Check
(5-3) ARP to RAM Data Bus
(5-4) ARP to RAM Address Bus
(5-5) ARP RAM Check

6) AV Decoder
(6-2) 1930 RAM
(6-3) 1930 SP

7) Video
(7-2) Color Bar

8) Audio
(8-2) ARP → 1930
(8-3) Test Tone

Error Codes List
00: Error not detected
01: RAM write/read data discord
02: Gate array NG
03: EEPROM NG
04: Flash memory clear error
05: Flash memory write error
06: Flash memory read data discord
08: ARP register read data discord
09: ARP ←→ RAM data bus error
10: ARP ←→ RAM address bus error
11: ARP RAM read data discord
12: Servo DSP NG
13: 1930 SDRAM NG
14: ARP → 1930 video NG
15: ARP → 1930 audio NG
16: 1939 UCODE download NG
17: System call error (function not supported)
18: System call error (parameter error)
19: System call error (illegal ID number)
20: System call error (time out)
21: NAND Flash faulty blocks exceed 10
90: Error occurred
91: User verification NG
92: Diagnosis cancelled

6-4. DRIVE AUTO ADJUSTMENT

On the Test Mode Menu screen, press [1] key on the remote commander, and the drive auto adjustment menu will be displayed.

```
  ## Drive Auto Adjustment ##

        Adjustment Menu

0. ALL
1. DVD-SL
2. CD
3. DVD-DL
4. SACD



                  Exit: RETURN
```

Normally, [0] is selected to adjust DVD (single layer), CD, DVD (dual layer), and SACD in this order. But, individual items can be adjusted for the case where adjustment is suspended due to an error. In this mode, the adjustment can be made easily through the operation following the message displayed on the screen.
The disc used for adjustment must be the one specified for adjustment. However, for SACD disc, use the player with initial data if the disc is not available.

0. ALL

You will be asked if EEPROM data are initialized or not, and for this prompt, select [0] and press the [ENTER] key, and the servo set data in EEPROM will be initialized. Then, 1. DVD-SL disc, 2. CD disc, 3. DVD-DL disc, and 4. SACD disc are adjusted in this order. Each time one disc was adjusted, it is ejected. Replace it with the specified disc following the message. Though the message to confirm whether discs other than SACD disc are adjusted is not displayed, you can finish the adjustment if pressing the [STOP] button. The S curve level, RF level, and jitter value can be confirmed during adjustment, and if OK, press the [ENTER] key and continue adjustment. (If NG, press the [STOP] button) During adjustment of each disc, the measurement for disc type judgment is made. As automatic adjustment does not judge the disc type unlike conventional models, take care not to insert wrong type discs. Also, do not give a shock during adjustment.

1. DVD-SL (single layer)

Select [1], insert DVD single layer disc, and press [ENTER] key, and the adjustment will be made through the following steps, then adjusted values will be written to the EEPROM.

DVD Single Layer Disc Adjustment Steps
1. SLED TILT Reset
2. Disc Check Memory SL
3. Wait 500 msec
4. Set Disc Type SL
5. LD ON
6. Spdl Start
7. Wait 1 sec
8. Focus Search ON
9. Focus Search OFF
10. Focus Servo ON 1
11. Auto Track Offset Adjust
12. Tracking ON
13. CLVA ON
14. Wait 1 sec
15. Sled ON
16. Check CLV Lock
17. Auto LFO Adjust
18. Auto Focus Offset Adjust
19. Auto Tilt Position Adjust
20. Auto Focus Gain Adjust
21. Auto Focus Offset Adjust
22. EQ Boost Adjust
23. Auto LFO Adjust
24. Auto Track Gain Adjust
25. All Servo Stop
26. Eep Copy Loop Filter Offset

2. CD

Select [2], insert CD disc, and press [ENTER] key, and the adjustment will be made through the following steps, then adjusted values will be written to the EEPROM.

CD Adjustment Steps
1. Sled Tilt Rest
2. Disc Check Memory CD
3. Wait 500 msec
4. Set Disc Type CD
5. LD ON
6. Spdl Start
7. Wait 1 sec
8. Focus Search ON
9. Focus Search OFF
10. Focus Servo ON 1
11. Auto Track Offset Adjust
12. Tracking ON
13. (TC Display Start)
14. CLVA ON
15. Wait 1 sec
16. Jitter Display Start
17. Sled ON
18. Check CLV ON
19. Auto LFO Adjust
20. Auto Focus Offset Adjust
21. Auto Focus Gain Adjust
22. Auto Focus Offset Adjust
23. Eq Boost Adjust
24. Auto LFO Adjust
25. Auto Track Gain Adjust
26. All Servo Stop

3. DVD-DL (dual layer)

Select [3], insert DVD dual layer disc, and press [ENTER] key, and the adjustment will be made through the following steps, then adjusted values will be written to the EEPROM.

DVD Dual Layer Disc Adjustment Steps
1. Sled Tilt Reset
2. Disc Check Memory DL
3. Wait 500 msec
4. Set Disc Type DL
5. LD ON
6. Spdl Start
7. Wait 1 sec
   Layer 1 Adjust
8. Focus Servo ON 1
9. Auto Track Offset Adjust
10. Tracking ON
11. Clva ON
12. Wait 1 sec
13. Sled ON
14. Check CLV Lock
15. Auto Loop Filter Offset Adjust
16. Auto Focus Offset Adjust
17. Auto Focus Gain Adjust
18. Auto Focus Offset Adjust
19. Eq Boost Adjust
20. Auto Loop Filter Offset
21. Auto Track Gain Adjust
    Layer 0 Adjust
22. Fj (L1 → L0)
23. Auto Track Offset Adjust L0
24. Tracking ON
25. Clva ON
26. Wait 1 sec
27. Sled ON
28. Check CLV Lock
29. Auto Loop Filter Offset Adjust
30. Auto Focus Offset Adjust
31. Auto Focus Gain Adjust
32. Auto Focus Offset Adjust
33. Eq Boost Adjust
34. Auto Loop Filter Offset
35. Auto Track Gain Adjust
36. All Servo Stop

4. SACD

Select [4], insert SACD disc, and press [ENTER] key, and the adjustment will be made through the following steps, then adjusted values will be written to the EEPROM. However, if SACD disc is not available, use the player with initial data, skipping the SACD adjustment. In this case, you can finish the adjustment if pressing the [STOP] button.

SACD Adjustment Steps
1. Sled Tilt Reset
2. Set Disc Type CD
3. LD ON
4. Spdl Start
5. Wait 1 sec
6. Focus Servo ON 0
7. Auto track Offset Adjust
8. Tracking ON
9. CLVA ON
10. Wait 1 sec
11. Sled ON
12. Check CLV ON
13. Auto LFO Adjust
14. Auto Focus Offset Adjust
15. Auto Focus Gain Adjust
16. Auto Focus Offset Adjust
17. Eq Boost Adjust
18. Auto LFO Adjust
19. Auto Track Gain Adjust
20. All Servo Stop

6-5. DRIVE MANUAL OPERATION

On the Test Mode Menu screen, select [2], and the manual operation menu will be displayed. For the manual operation, each servo on/off control and adjustment can be executed manually.

```
  ## Drive Manual Operation ##

         Operation Menu
1. Disc type
2. Servo Control
3. Track/Layer Jump
4. Manual Adjustment
5. Auto Adjustment
6. Memory Check

0. Disc Check Memory

                 Exit: Return
```

In using the manual operation menu, take care of the following points. These commands do not provide protection, thus requiring correct operation. The sector address or time code field is displayed when a disc is loaded.

1. Set correctly the disc type to be used on the Disc Type screen.
   The disc type must be set after a disc was loaded.
   The set disc type is cleared when the tray is opened.
2. After power ON, if the Drive Manual Operation was selected, first perform “Reset SLED TILT” by opening 1. Disc Type screen.
3. In case of an alarm, immediately press the [STOP] button to stop the servo operation, and turn the power OFF.

Basic operation (controllable from front panel or remote commander)

[POWER]	Power OFF
[STOP]	Servo stop
[OPEN/CLOSE]	Stop+Eject/Loading
[RETURN]	Return to Operation Menu or Test Mode Menu
[NEXT], [PREV]	Transition between sub modes of menu
[1] to [9], [0]	Selection of menu items
Cursor UP/DOWN	Increase/Decrease in manually adjusted value

0. Disc Check Memory

```
            Disc Check



1. SL Disc Check
2. CD Disc Check
3. DL Disc Check



0. Reset SLED TILT
```

On this screen, the mirror time is measured to judge the disc and it is written to the EEPROM. First load DVD SL disc and press [1], next load CD disc and press [2], and finally load DVD DL disc and press [3].
The adjustment must be executed more than once after default data were written. External vibration or shock to the player must not be given. Reference value for DVD is from 10 to 20, and for CD, from 28 to 4F.
Check that the value of CD is larger than that of DVD.
When those values are beyond a range perform this adjustment again.
From this screen, you can go to another mode by pressing [NEXT] or [PREV] key, but you cannot enter this mode from another mode. You can enter this mode from the Operation Menu screen only.

1. Disc Type

```
            Disc Type
1. Disc Type Auto Check
2. DVD SL   12 cm
3. DVD DL   12 cm
4. CD       12cm
5. SACD     12 cm
6. DVD SL   8 cm
7. DVD DL   8 cm
8. CD       8 cm
9. SACD     8 cm
0. Reset SLED TILT
                        EMG. 00
```

On this screen, select the disc type. To select the disc type, press the number of the loaded disc. The selected disc type is displayed at the bottom. Selecting [1] automatically selects and displays the disc type. In case of wrong display, retry “Disc Check Memory”. Also, opening the tray causes the set disc type to be cleared. In this case, set the disc type again after loading.
In performing manual operation, the disc type must be set.
Once the disc type has been selected, the sector address or time code display field will appear as shown below. These values are displayed when PLL is locked.

```
            Disc Type
1. Disc Type Auto Check
2. DVD SL   12 cm
3. DVD DL   12 cm
4. CD       12cm
5. SACD     12 cm
6. DVD SL   8 cm
7. DVD DL   8 cm
8. CD       8 cm
9. SACD     8 cm
0. Reset SLED TILT
        SA.______ SI.___ EMG. 00
DVD SL 12 cm
```

Display when DVD SL 12cm disc was selected

```
            Disc Type
1. Disc Type Auto Check
2. DVD SL   12 cm
3. DVD DL   12 cm
4. CD       12cm
5. SACD     12 cm
6. DVD SL   8 cm
7. DVD DL   8 cm
8. CD       8 cm
9. SACD     8 cm
0. Reset SLED TILT
         TC.___:___:___ EMG. 00
CD   12 cm
```

Display when CD 12cm disc was selected

[0] Reset SLED TILT	Reset the Sled and Tilt to initial position.
[1] Disk Type Check	Judge automatically the loaded disc. As the judged result is displayed at the bottom of screen, make sure that it is correct. If Disc Check Memory menu has not been executed after EEPROM default setting, the disc type cannot be judged. In this case, return to the initial menu and make a check for three types of discs (SL, DL, CD).
[2] to [9]	Select the loaded disc. The adjusted value is written to the address of selected disc. No further entry is necessary if [1] was selected.

2. Servo Control

```
          Servo Control
1. LD         Off R.Sled FWD
2. SP         Off L.Sled REV
3. Focus      Off U.Tilt Up
4. TRK.       Off D.Tilt Down
5. Sled       Off
6. CLVA       Off
7. FCS. Srch Off


0. Reset SLED TILT
        SA.______ SI.___ EMG. 00
DVD SL 12 cm
```

On this screen, the servo on/off control necessary for replay is executed. Normally, turn on each servo from 1 sequentially and when CLVA is turned on, the usual trace mode becomes active. In the trace mode, DVD sector address or CD time code is displayed. This is not displayed where the spindle is not locked.
The spindle could run overriding the control if the spindle system is faulty or RF is not present. In such a case, do not operate CLVA.

0	Reset SLED TILT	Reset the Sled and Tilt to initial position.
1	LD	Turn ON/OFF the laser.
2	SP	Turn ON/OFF the spindle.
3	Focus	Search the focus and turn on the focus.
4	TRK	Turn ON/OFF the tracking servo.
5	Sled	Turn ON/OFF the sled servo.
6	CLVA	Turn ON/OFF normal servo of spindle servo.
7	FCS. Srch	Apply same voltage as that of focus search to the focus drive to check the focus drive system.
→	Sled FWD	Move the sled outward. Perform this operation with the tracking servo turned off.
←	Sled REV	Move the sled inward. Perform this operation with the tracking servo turned off.
↑	Tilt UP	Move the tilt upward.
↓	Tilt DOWN	Move the tilt downward.

The following menus are normally not used.

3. Track/Layer Jump
4. Manual Adjustment
5. Auto Adjustment

The persons who do not know well about these menus should not use them.

6. Memory Check

```
EEPROM DATA              -- DL --
             CD SACD   SL  L0  L1
Focus Gain    xx xx    xx  xx  xx
TRK. Gain     xx xx    xx  xx  xx
Focus Offset  xx xx    xx  xx  xx
TRK. Offset   xx xx    xx  xx  xx
L. F. Offset  xx xx    xx  xx  xx
Analog FRSW   xx xx    xx  xx  xx
PLL DAC Gain  xx xx    xx  xx  xx
EQ Boost      xx xx    xx  xx  xx
Jitter        xx xx    xx  xx  xx
Mirror Time   xx       xx  xx
_            CLEAR: Default Set
```

This screen displays current servo adjusted data stored in the EEPROM. Though adjusted data can be initialized with the CLEAR key, they cannot be restored after initialization.
So, before clearing, make a note of the adjusted data.
For reference, the drive has been designed so that the gain center value is 20 and offset value is 80. Other values will be in a range of 10 to 80. If extreme value such as 00 or FF is set, adjustment will be faulty. In such a case, check for disc scratch or cable disconnection, then perform adjustment again.

6-6. MECHA AGING

```
      ### Mecha Aging ###



Press OPEN key



Abort: STOP key
```

On the Test Mode Menu screen, selecting 3 executes the aging of mechanism. First, open the tray and load a disc. Press the PLAY key, and the aging will start. When the tray is closed, the disc type and size are judged and displayed. During aging, the repeat cycle is displayed. Aging can be aborted at any time by pressing the STOP key. After the operation has stopped, unload the disc and press again the STOP key or the RETURN key to return to the Test Mode Menu.

6-7. EMERGENCY HISTORY

```
      ### MEG. History ###

Laser Hours     CD   xxxxxxxh
                DVD  xxxxxxxh

1. 00 00 00 00  00 00 00 00
   00 00 00 00  00 00 00 00

2. 00 00 00 00  00 00 00 00
   00 00 00 00  00 00 00 00

Select: 1 – 9   Scroll: UP/DOWN
(1: Last EMG.)  Exit: Return
```

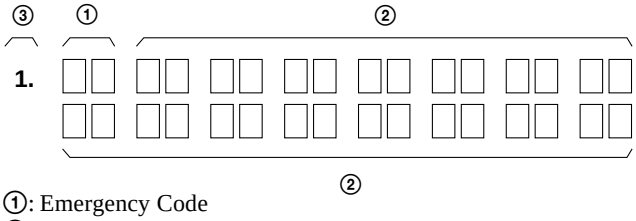
On the Test Mode Menu screen, selecting 4 displays the information such as servo emergency history. The history information from last 1 up to 10 can be scrolled with ↑ key or ↓ key. Also, specific information can be displayed by directly entering that number with ten keys.

The upper two lines display the laser ON total hours. Data below minutes are omitted.

Clearing History Information

Clearing laser hours
◎ Press DISPLAY and CLEAR keys in this order.
Both CD and DVD data are cleared.
Clearing emergency history
◎ Press TITLE and CLEAR keys in this order.
Initializing set up data
◎ Press DVD and CLEAR keys in this order.
The data have been initialized when “Set Up Initialized” message is displayed. The EMG. History screen will be restored soon.

How to see Emergency History



①: Emergency Code
②: Don't Care
These codes are used for verification of software designing.
③: Historical order 1 to 9

Emergency Codes List

10: Communication to IC201 (MB-86 board) failed.
11: Each servo for focus, tracking, and spindle is unlocked.
12: Communication to EEPROM, IC101 (MB-86 board) failed.
13: Writing of hours meter data to EEPROM, IC101 (MB-86 board) failed.
14: Communication to Servo DSP IC404 (MB-86 board) failed, or Servo DSP is faulty.
20: Initialization of tilt servo and sled servo failed. They are not placed in the initial position.
21: Tilt servo operation error
22: Syscon made a request to move the tilt servo to wrong position.
23: Sled servo operation error
24: Syscon made a request to move the sled servo to wrong position.
30: Tracking balance adjustment error
31: Tracking gain adjustment error
32: Focus balance adjustment error
33: Focus bias adjustment error
34: Focus gain adjustment error
35: Tilt servo adjustment error
36: RF equalizer adjustment error
37: RF group delay adjustment error
38: Jitter value after adaptive servo operation is too large.
40: Focus servo does not operate.
41: With a dual layer (DL) disc, focus jump failed.50: CLV (spindle) servo does not operate.
51: Spindle does not stop.
60: With a DVD disc, Syscon made a request to seek nonexistent address.
61: With a CD disc, Syscon made a request to seek nonexistent address.
62: With a CD disc, Syscon made a request to seek nonexistent track No. and index No.
63: With a DVD disc, seeking of target address failed.
64: With a CD disc, seeking of target address failed.
65: With a CD disc, seeking of target index failed.
70: With a DVD disc, physical information data could not be read.
71: With a CD disc, TOC data could not be read.
80: Disc type judgment failed.
81: As disc type judgment failed, retry was repeated.
82: As disc type judgment failed, a measurement error occurred.
83: Disc type could not be judged within the specified time.
84: Illegal command code was received from Syscon.
85: Illegal command was received from Syscon.

6-8. VERSION INFORMATION

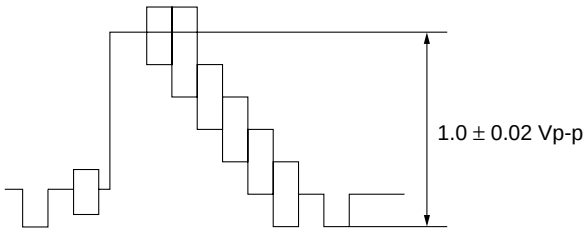
```
   ## Version Information ##

IF con.    Ver. x. xxx (xxxx)
           Group    00

SYScon.    Ver. x. xxx (xxxx)
           Model    xx
           Region   0x
Servo DSP. Ver. 1. xxxx


Exit: RETURN
```

On the Test Mode Menu screen, selecting [5] displays the ROM version and region code.
The parenthesized hexadecimal number in version field is checksum value of ROM.

6-9. VIDEO LEVEL ADJUSTMENT

On the Test Mode Menu screen, selecting [6] displays color bars for video level adjustment. During display of color bars, OSD disappears but the menu screen will be restored if pressing any key.

Measurement point : LINE OUT VIDEO (75 Ω terminating resistance)
Measuring instrument : Oscilloscope
Adjustment device : RV501 on MB-86 board
Specified value : 1.0 ± 0.02 Vp-p



6-10. IF CON SELF DIAGNOSTIC FUNCTION

1. AI-17 BOARD (IF CON) TEST MODE

The front board test mode is the IF CON self diagnostic mode. The IF CON can diagnose the functions of the front panel boards that the IF CON controls. Normally, the IF CON makes a serial communication with the SYSTEM CONTROL and operates following thecommands from the SYSTEM CONTROL, but in the Test mode, the IF CON operates independently from the SYSTEM CONTROL.

In the Test mode, the following functions can be checked.

1. Button function
2. Remocon receiving function
3. SYSTEM CONTROL-IF CON serial communication
4. Click shuttle function
5. Fluorescent display tube lighting check
   Grid check
   Anode check
6. LED control function

In the Test mode, the set operates same as usual, except voltage monitoring, communication monitoring, display of fluorescent display tube, and LED control.

1. The routine that monitors +3.3 V (PCONT) of MB-86 board is not provided.
2. The monitoring timer for serial communication with the SYSTEM CONTROL is not provided. The set is not placed in the Standby mode, even if the communication with SYSTEM CONTROL is normal.
3. Display of fluorescent display tube (normally, display is made following the commands from SYSTEM CONTROL)
4. LED control (normally, control is made following the commands from SYSTEM CONTROL)

2. OPERATION OF SELF CHECK MODE

The Self Check mode is the function to conduct the basic test to the FL display and DVD panel section.

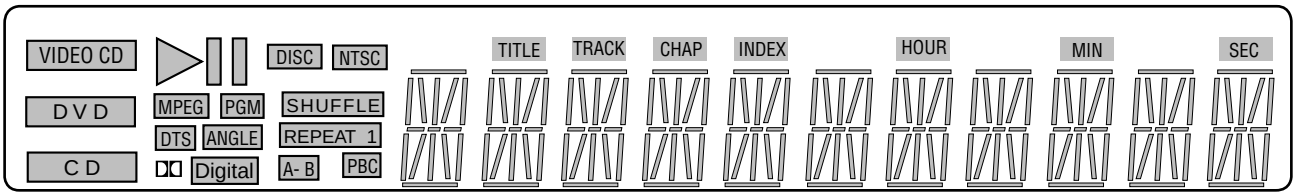
2-1. Self Check Mode Transition Processing

At the AC Power ON after IF CON was reset, the input to 8pin (P60) is judged and if “Low” is entered, the main unit transits to the Self Check mode. In this port input judgment, the result of 3-time attempts must be same (assuming that the MB-86 board is not connected). While pressing the [STOP] key on the main unit with the IF CON in STANDBY mode, enter [RETURN] → [DISPLAY] (or [SET UP]) on the remote commander, and the unit transits to the Self Check Mode. The Self Check mode terminates when the IF CON transits to the STANDBY mode.

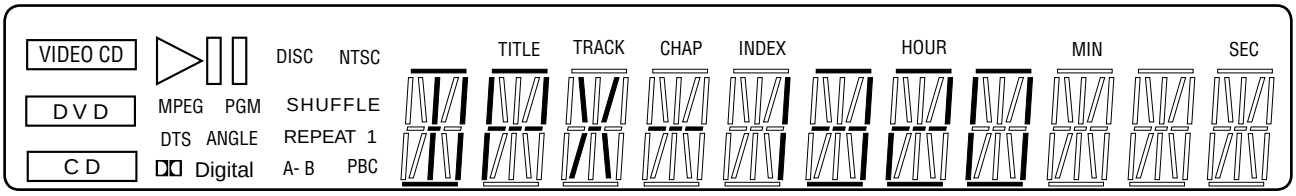
2-2. Operation of Auto Self Check

When the Self Check mode becomes active at the AC Power ON or by key input, the test display of the following steps (1) to (4) is repeated.

(1) FLD and LED all ON (for 5 seconds)



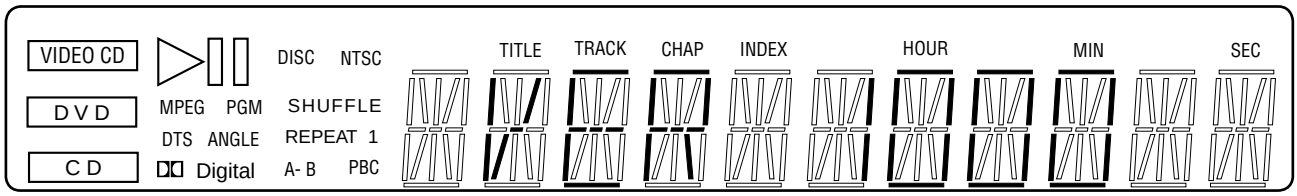
(2) MODEL display (for 2 seconds)



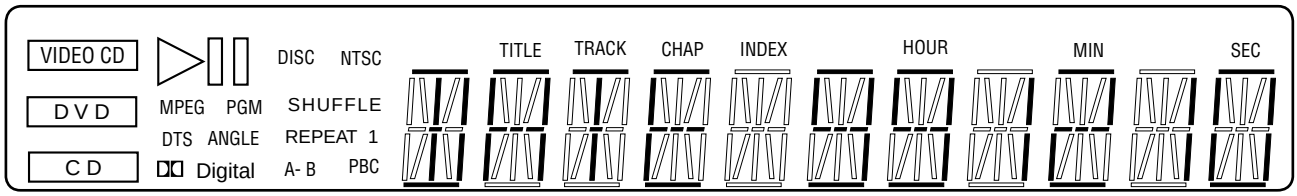
If MODEL is judged as Step UP-DD

Contents of display
"DPX-1300" Basic
"DPX-1310" Entry-DD
"DPX-1320" Step UP-DD

(3) Version display (for 2 seconds)



(4) ROM creation date display (for 2 seconds)



2-3. Each Self Check Function

Each Self Check function tests the FLD display, LED display, and key input.

Basic, Entry-DD, Step Up-DD

Input Voltage [V]	IC404: Pin No. (Signal)			
	Pin ③ (AN3)	Pin ② (AN4)	Pin ① (AN5)	Pin ⑲ (AN7)
0	STOP	TITLE	RIGHT	V_3D
0.70	PAUSE	DVD MENU	UP	DVE
1.31	DISP	NEXT	ENTER	HP_V
1.97	RETURN	PREV	DOWN	SHUFFLE
2.59	JOG		LEFT	REPEAT
3.3				

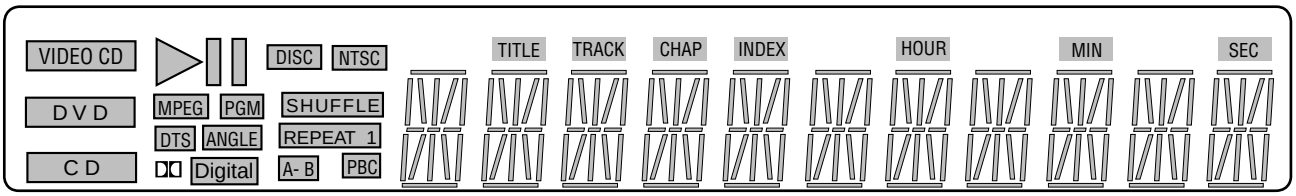
2-3-1. FLD and LED All ON

2-3-1-1. Transition Keys in Self Check Mode

- STOP key and PLAY key on the main unit
- LEFT key on the main unit and the remote commander

2-3-1-2. Operation and Display

In this mode, all LEDs except STANDBY LED and all segments of FLD turn ON.
Example of FLD all ON



2-3-2. Main Unit Key Name Display and Key Code Display

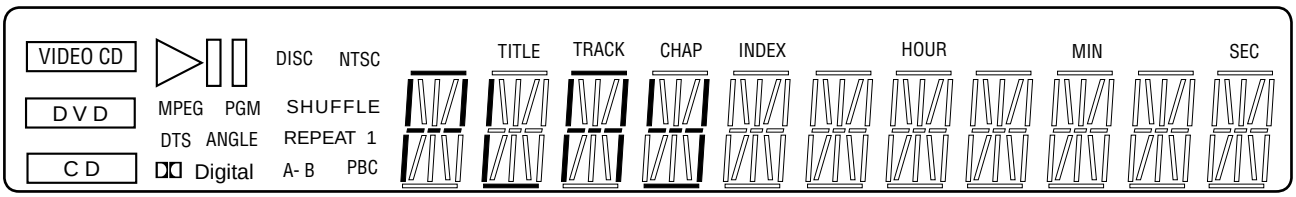
2-3-2-1. Transition Keys in Self Check Mode

- Keys on main unit except keys transited in self check

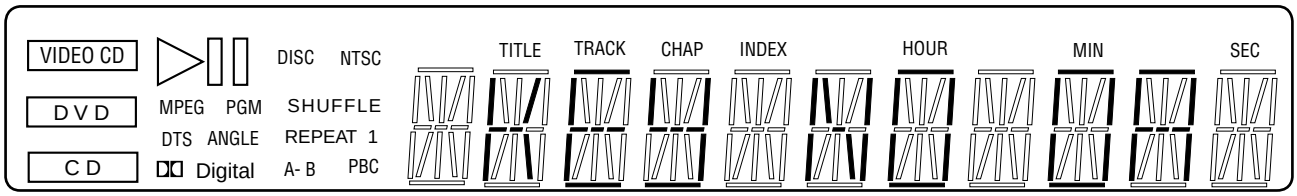
2-3-2-2. Operation and Display

When a key on the main unit is pressed in the Self Check mode, the name of that key is displayed on the FLD. Also, the key name display and the key code display can be switched with the DISPLAY key on the remote commander. “NOTHING” is displayed when nothing is entered. Also, VIDEO CD, DVD, and CD segments turn on when a communication error occurred.

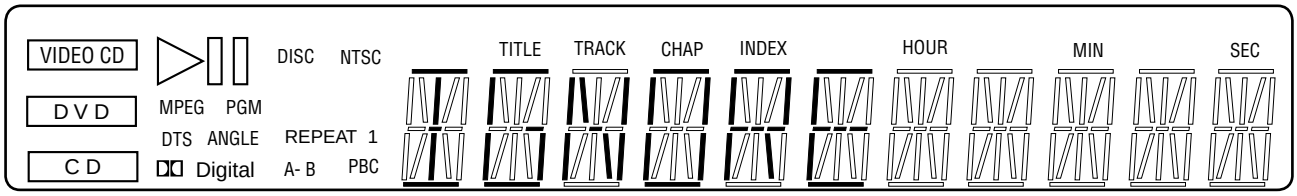
FLD display (at input of PLAY key on the main unit)



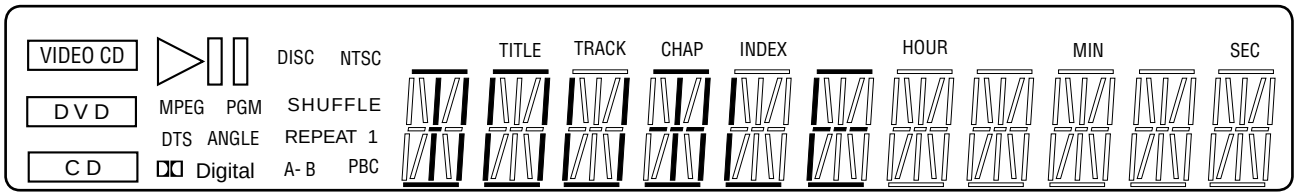
Key code display (at input of PLAY key, Key code: 0Ah)



At input of faulty voltage



When two keys are pressed



2-3-3. Remote Commander Key Name Display and Key Code Display

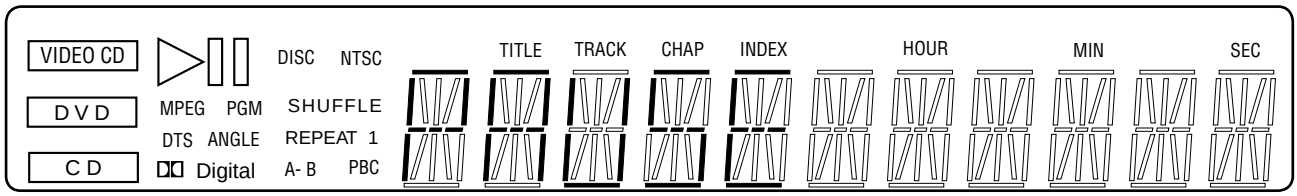
2-3-3-1. Transition Keys in Self Check Mode

- Remote commander keys except keys transited in self check

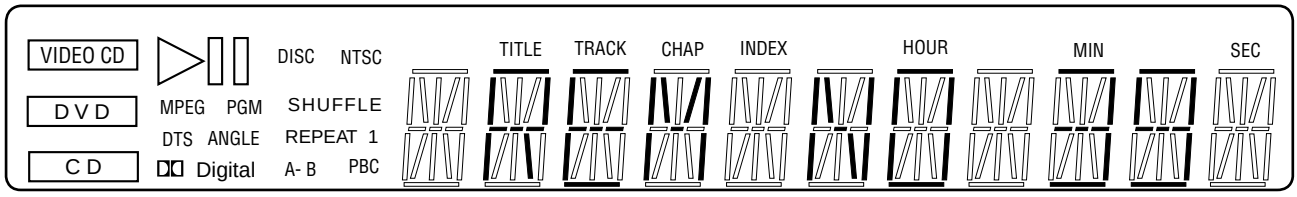
2-3-3-2. Operation and Display

When a key on the remote commander is pressed in the Self Check mode, the name of that key is displayed on the FLD. Also, the key name display and the key code display can be switched with the DISPLAY key on the remote commander. “NOTHING” is displayed when nothing is entered. Also, VIDEO CD, DVD, and CD segments turn on when a communication error occurred.

Remote commander key name display (at input of PAUSE key)



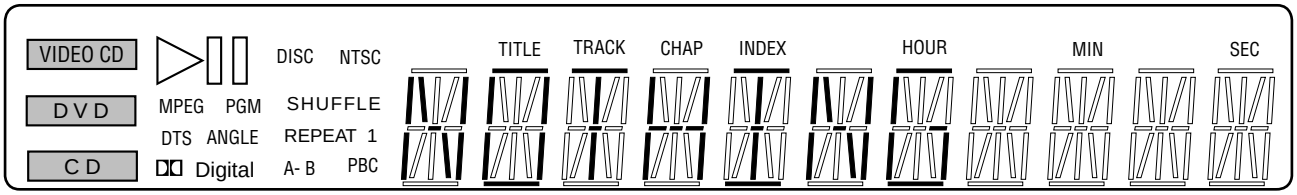
Remote commander key code display (at input of PAUSE key, Key code: 39h)



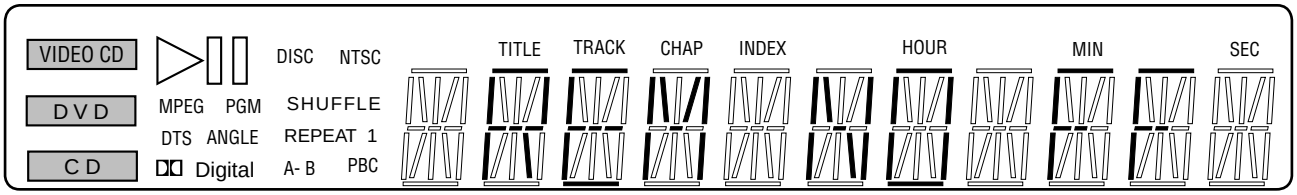
2-3-4. Communication Monitoring Display

The communication state is monitored and displayed while the key name on the main unit and the remote commander is displayed. When the communication to the System Controller failed, VIDEO CD, DVD, and CD segments turn on.

Communication error display (at no key input)



Communication error display (at code display without input of the remote commander)



2-3-5. FLD Anode Test Display and SHUTTLE Click Operation Test

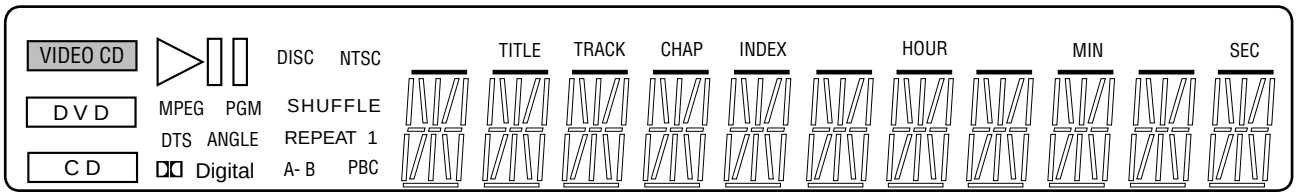
2-3-5-1. Transition Keys in Self Check Mode

- RIGHT on the main unit and the remote commander
- SHUTTLE on the main unit and the remote commander during Anode Test display

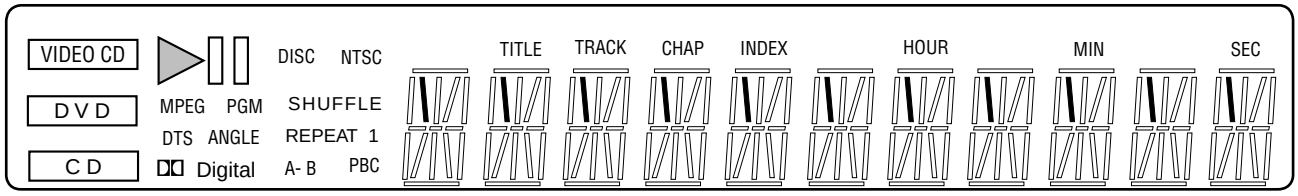
2-3-5-2. Operation and Display

The Self Check mode transits to this mode when RIGHT key is entered. Only the first segment of each grid of FLD turns on, and each time the SHUTTLE is entered, the segment of each grid is switched in order. When SHUTTLE input is clockwise, the segment switches in 1 → 2 → 3 direction, or counterclockwise it switches in 3 → 2 → 1 direction. This tests whether each segment turns on individually. Also, if the main unit does not have the JOG/SHUTTLE, use the remote commander JOG/SHUTTLE to switch over the segment display position.

Display at the start of Anode Test



↓ (Input in CW direction)



2-3-6. FLD Grid Test Display and SHUTTLE Click Operation Test

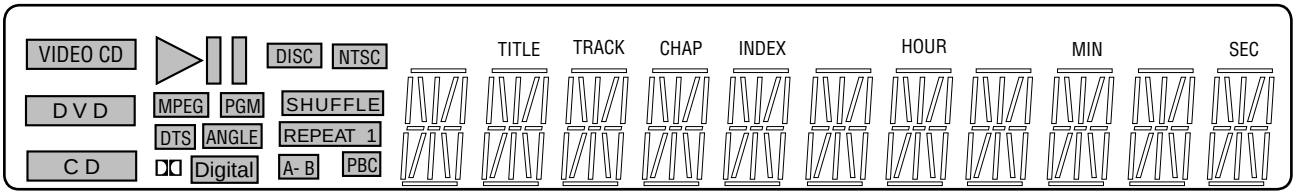
2-3-6-1. Transition Keys in Self Check Mode

- UP on the main unit and the remote commander
- SHUTTLE on the main unit and the remote commander during Grid Test display

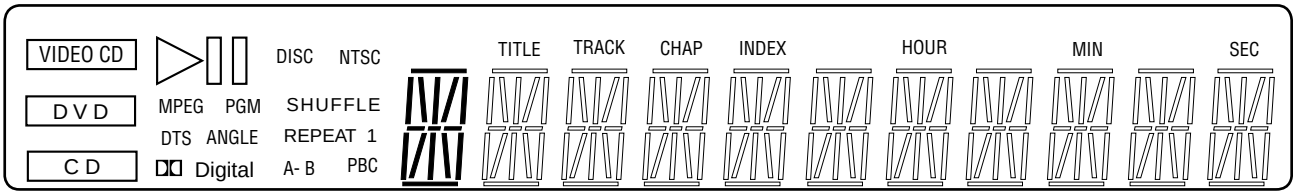
2-3-6-2. Operation and Display

The Self Check mode transits to this mode when UP key is entered. The first grid of FLD all turns on and other grids turn off. Each time the SHUTTLE is entered, the grid is switched in order. When SHUTTLE input is clockwise, the grid switches in 1 → 2 → 3 direction, or counterclockwise it switches in 3 → 2 → 1 direction. This tests whether each grid turns on individually.

Display at the start of Grid Test



↓ (Input in CW direction)



2-3-7. LED Test Display

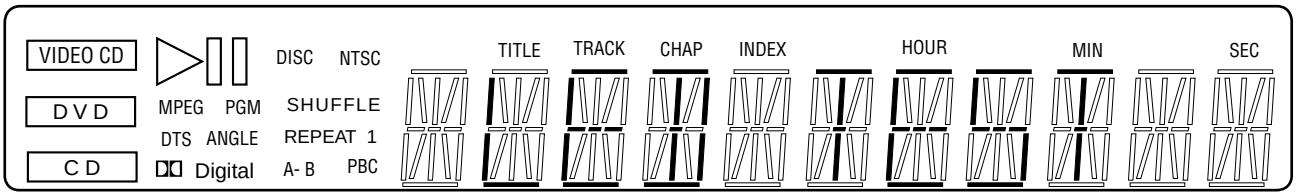
2-3-7-1. Transition Keys in Self Check Mode

- DOWN on the main unit and the remote commander
- SHUTTLE on the main unit and the remote commander during LED Test display

2-3-7-2. Operation and Display

LED is switched in order by the input of JOG/SHUTTLE. Also, LED ON/OFF is switched by the input of same key as the function that turns on the LED concerned. For the MULTI LED only, there is no key which switches that function, and therefore use the RETURN key on the main unit.

FLD display during LED Test



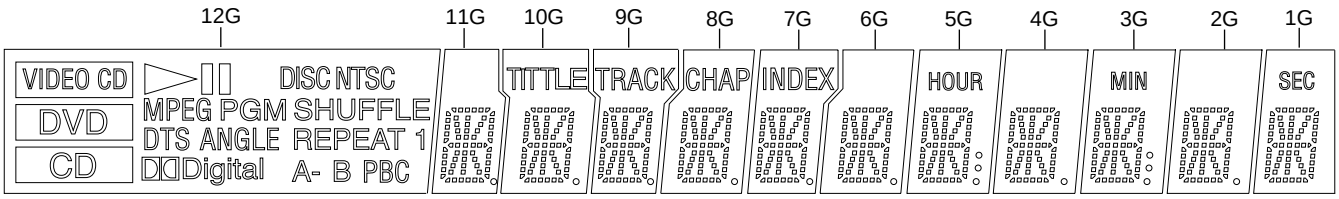
2-3-8. Beep Sound Test

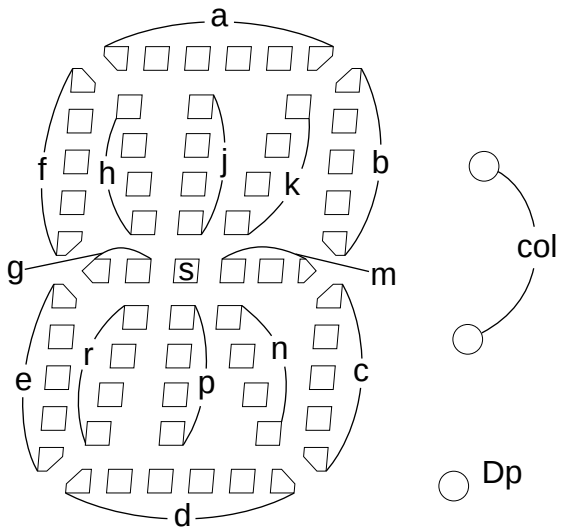
2-3-8-1. Transition Keys in Self Check Mode

- Input of a key on main unit

2-3-8-2. Operation and Display

In the Self Check mode, each time a key on the main unit is entered, a beep sound of 2kHz (100ms) is generated.





(12G~1G)

ANODE CONNECTION

	12G	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
P1	VIDEO CD	a	a	a	a	a	a	a	a	a	a	a
P2	▷	h	h	h	h	h	h	h	h	h	h	h
P3	▯▯	j	j	j	j	j	j	j	j	j	j	j
P4	DISC	k	k	k	k	k	k	k	k	k	k	k
P5	NTSC	b	b	b	b	b	b	b	b	b	b	b
P6	DVD	f	f	f	f	f	f	f	f	f	f	f
P7	MPEG	m	m	m	m	m	m	m	m	m	m	m
P8	PGM	s	s	s	s	s	s	s	s	s	s	s
P9	SHUFFLE	g	g	g	g	g	g	g	g	g	g	g
P10	DTS	e	e	e	e	e	e	e	e	e	e	e
P11	ANGLE	n	n	n	n	n	n	n	n	n	n	n
P12	REPEAT	p	p	p	p	p	p	p	p	p	p	p
P13	1	r	r	r	r	r	r	r	r	r	r	r
P14	PBC	c	c	c	c	c	c	c	c	c	c	c
P15	B	d	d	d	d	d	d	d	d	d	d	d
P16	A-	Dp	Dp	Dp	Dp	Dp	Dp	Dp	Dp	Dp	Dp	-
P17	Digital	-	-	-	-	-	-	col	-	col	-	-
P18	CD	-	TITLE	TRACK	CHAP	INDEX	-	HOUR	-	MIN	-	SEC

3. TROUBLESHOOTING

3-1. Test Mode is not activated

With the set assembled in the front panel, the Test mode does not become active if any button was pressed by any reason.Under this condition, the power is not turned on even in the normal status. (The set is kept in Standby status = Red LED is kept on) Not only the buttons are inactive, but also a signal from remote commander is not accepted. To check this condition, with the self check port (pin ⑧ of IF CON) kept in “Low” status, supply the AC power, so that the Test mode is forcibly activated. On the board, short the lands where SELF is printed. The IF CON checks the self check port only after the power on reset (only when AC is supplied; not in Standby status). If any button was pressed, the button name should be displayed on the FL display tube. Though no button is pressed this time, display of other than NOTHING implies that the button was pressed.

3-2. Power is not turned on

① Red (STANDBY) LED does not light up when AC was supplied. The power (EVER 3.3 V) is not supplied.
X401 is oscillating.

② Red (STANDBY) LED is kept on though POWER button was pressed. Any button is kept pressed.
PONCHK (IF CON pin ⑥) is over 0.1 V.

③ Green LED lights up when POWER button was pressed, but red LED lights up again after several seconds. PONCHK (IF CON pin ⑥) is abnormal. (Slow rise time from 0.1 V to 1.5 V. Voltage must be less than 1.5 V)
SYSTEM CONTROL does not operate normally.

3-3. Power is turned on and off repeatedly

EVER 3.3 V may not be supplied normaly. Check that D430 is not broken.

SECTION 7
ELECTRICAL ADJUSTMENT

In making adjustment, refer to 7-3. Adjustment Related Parts Arrangement.

Note: During diagnostic check, the characters and color bars can be seen only with the NTSC monitor. Therefore, for diagnostic check, use the monitor that supports both NTSC and PAL modes.

This section describes procedures and instructions necessary for adjusting electrical circuits in this set.

Instruments required:

1) Color monitor TV
2) Oscilloscope 1 or 2 phenomena, band width over 100 MHz, with delay mode
3) Frequency counter (over 8 digits)
4) Digital voltmeter
5) Standard commander (RMT-D115E/D116A/D117A/D120A/D120E)
6) DVD reference disc
   HLX-501 (J-6090-071-A) (dual layer)
   HLX-503 (J-6090-069-A) (single layer)
   HLX-504 (J-6090-088-A) (single layer)
   HLX-505 (J-6090-089-A) (dual layer)
7) SACD reference disc
   HLXA-509 (J-6090-090-A)

7-1. POWER SUPPLY ADJUSTMENT

1. Power Supply Check (HS16S9E, HS16S9F, HS16S9U and SRV940JUC BOARDS)

Mode	E-E
Instrument	Digital voltmeter
EVER +3 V Check	
Test point	CN201 pin ①
Specification	3.6 ± 0.2 Vdc
SW +3 V Check	
Test point	CN201 pin ②, ③
Specification	3.4 ± 0.2 Vdc
EVER+5 V Check	
Test point	CN201 pin ④
Specification	5.3 ± 0.3 Vdc
SW +10 V Check	
Test point	CN201 pin ⑦, ⑧
Specification	$10.5\ ^{+1.0}_{-1.5}$ Vdc
SW –10 V Check	
Test point	CN201 pin ⑪
Specification	$-10.0\ ^{+1.5}_{-1.0}$ Vdc

Checking method:

1) Confirm that each voltage satisfies the specification.

2. +3.3 V Adjustment (SRV940JUC BOARD) (DVP-S560D: US, Canadian/S570D)

Mode	PB
Measuring Instrument	Digital voltmeter
Measurement Point	CN201 pin ②, ③
Adjusting Element	VR201
Specified Value	3.4 ± 0.2 V

7-2. ADJUSTMENT OF VIDEO SYSTEM

1. Video Level Adjustment (MB-86 BOARD)

<Purpose>

This adjustment is made to satisfy the NTSC standard, and if not adjusted correctly, the brightness will be too large or small.

Mode	Video level adjustment in test mode
Signal	Color bars
Test point	LINE OUT (VIDEO) connector (75 Ω terminated)
Instrument	Oscilloscope
Adjusting element	RV501
Specification	1.0 ± 0.02 Vp-p

Adjusting method:

1) In the test mode initial menu "6" Video Level Adjustment, set so that color bars are generated.
2) Adjust the RV501 to attain 1.0 ± 0.02 Vp-p.

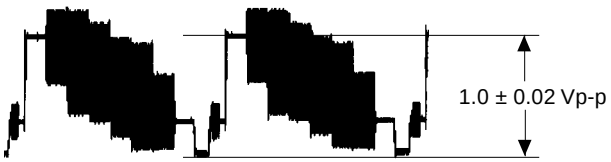


Figure 7-1

2. S-terminal Output Check (MB-86 BOARD)

<Purpose>

Check S-terminal video output. If it is incorrect, pictures will not be displayed correctly in spite of connection to the TV with a S-terminal cable.

Mode	Video level adjustment in test mode
Signal	Color bars
Test point	S VIDEO OUT (S-Y) connector (75 Ω terminated)
Instrument	Oscilloscope
Specification	1.0 ± 0.1 Vp-p

Checking method:

1) In the test mode initial menu "6" Video Level Adjustment, set so that color bars are generated.
2) Confirm that the S-Y level is 1.0 ± 0.1 Vp-p.

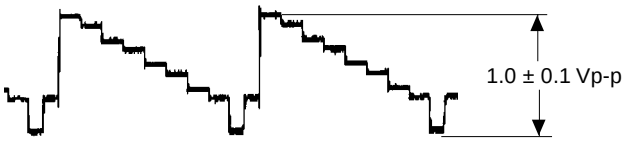


Figure 7-2

3. Checking Component Video Output B-Y (MB-86 BOARD)

<Purpose>

This checks component video output B-Y. If it is incorrect, correct colors will not be displayed when connected to, for instance, projector.

Mode	Video level adjustment in test mode
Signal	Color bars
Test point	COMPONENT VIDEO OUT (B-Y) connector (75 Ω terminated)
Instrument	Oscilloscope
Specification	700 ± 70 mVp-p

Checking method:

1) Confirm that the B-Y level is 700 ± 70 mVp-p.

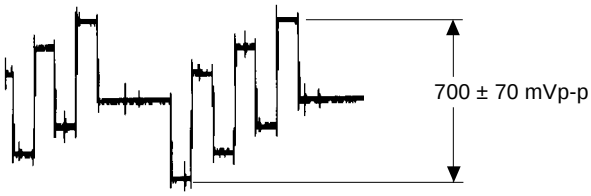


Figure 7-3

4. Checking Component Video Output R-Y (MB-86 BOARD)

<Purpose>

This checks component video output R-Y. If it is incorrect, correct colors will not be displayed when connected to, for instance, projector.

Mode	Video level adjustment in test mode
Signal	Color bars
Test point	COMPONENT VIDEO OUT (R-Y) connector (75 Ω terminated)
Instrument	Oscilloscope
Specification	700 ± 70 mVp-p

Checking method:

1) Confirm that the R-Y level is 700 ± 70 mVp-p.

Figure 7-4

5. Checking Component Video Output Y (MB-86 BOARD)

<Purpose>

This checks component video output Y. If it is incorrect, correct brightness will not be attained when connected to, for instance, projector.

Mode	Video level adjustment in test mode
Signal	Color bars
Test point	COMPONENT VIDEO OUT (Y) connector (75 Ω terminated)
Instrument	Oscilloscope
Specification	1.0 ± 0.1 Vp-p

Checking method:

1) Confirm that the Y level is 1.0 ± 0.1 Vp-p.

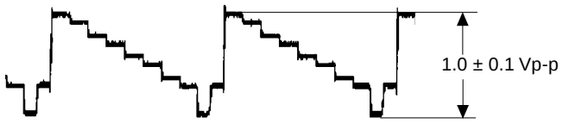


Figure 7-5

6. Checking S Video Output S-C (MB-86 BOARD)

<Purpose>

This checks whether the S-C satisfies the NTSC Standard. If it is not correct, the colors will be too dark or light.

Mode	Video level adjustment in test mode
Signal	Color bars
Test point	S VIDEO OUT (S-C) connector (75 Ω terminated)
Instrument	Oscilloscope
Specification	286 ± 50 mVp-p (NTSC) 300 ± 100 mVp-p (PAL)

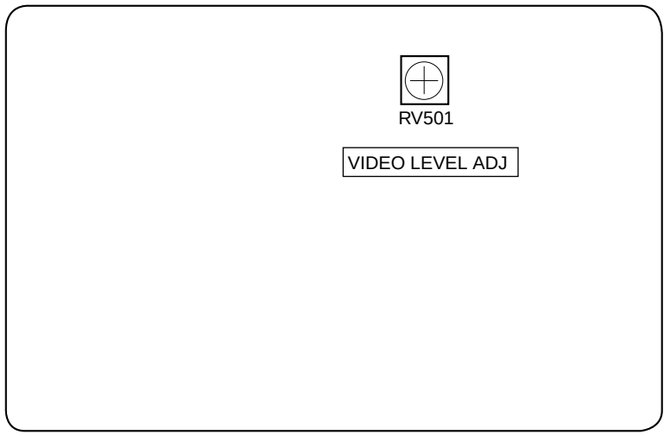
Checking method:

1) In the test mode initial menu “6” Video Level Adjustment, set so that color bars are generated.
2) Confirm that the S-C burst is 300 ± 100 mVp-p.

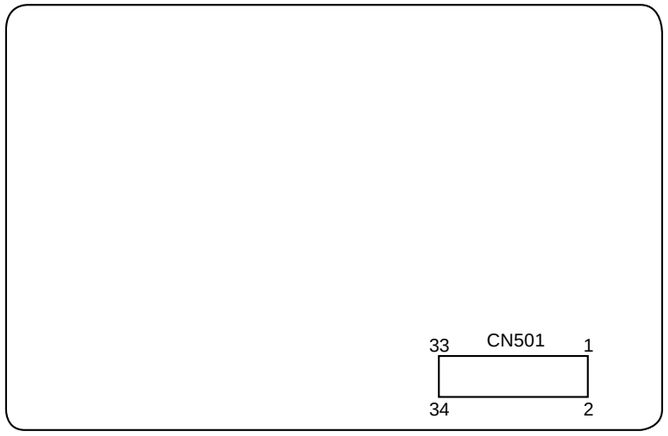
Figure 7-9

7-3. ADJUSTMENT RELATED PARTS ARRANGEMENT

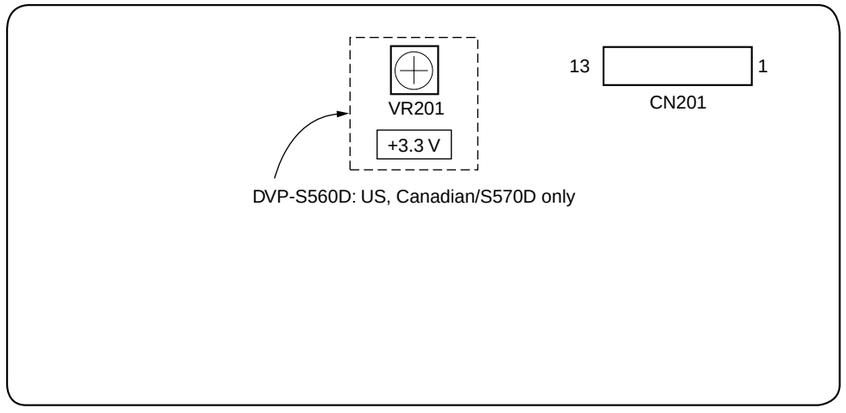
MB-86 BOARD (SIDE A)



MB-86 BOARD (SIDE B)



HS16S9E/HS16S9F/HS16S9U/SRV940JUC BOARD (SIDE A)



SECTION 8
REPAIR PARTS LIST

8-1. EXPLODED VIEWS

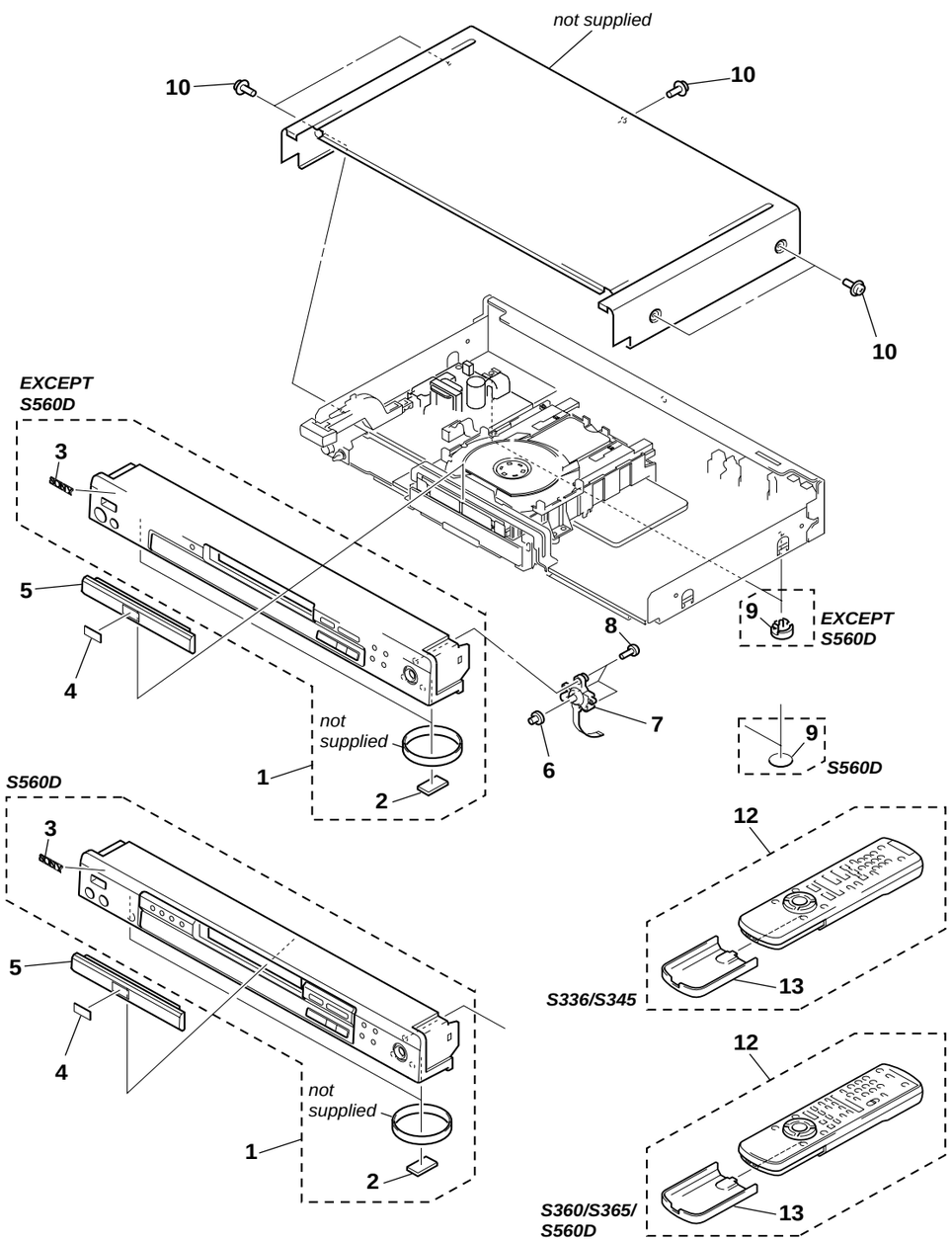
NOTE:
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ Parts Color ↑ Cabinet's Color

- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories and packing materials are given in the last of the electrical parts list.
- Abbreviation
  CH : Chinese
  CND : Canadian
  HK : Hong Kong
  KR : Korea
  SP : Singapore

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

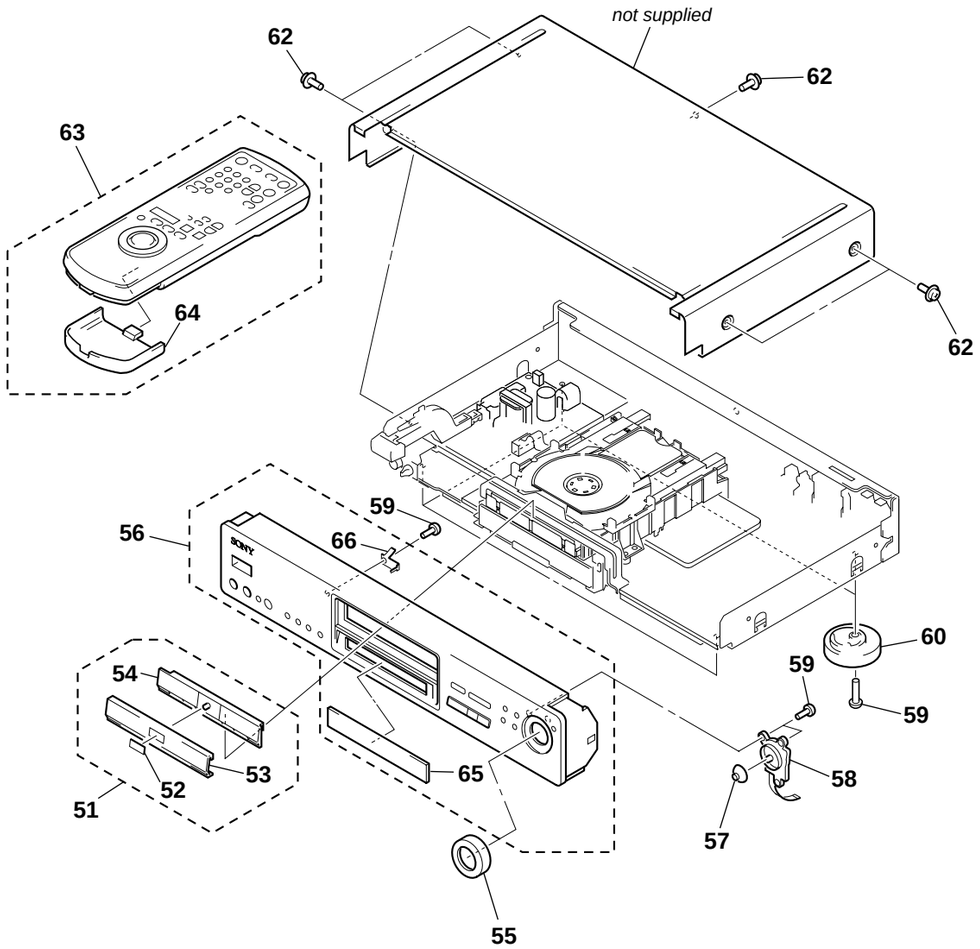
Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

8-1-1. CASE ASSEMBLY (S336/S345/S360/S365/S560D)



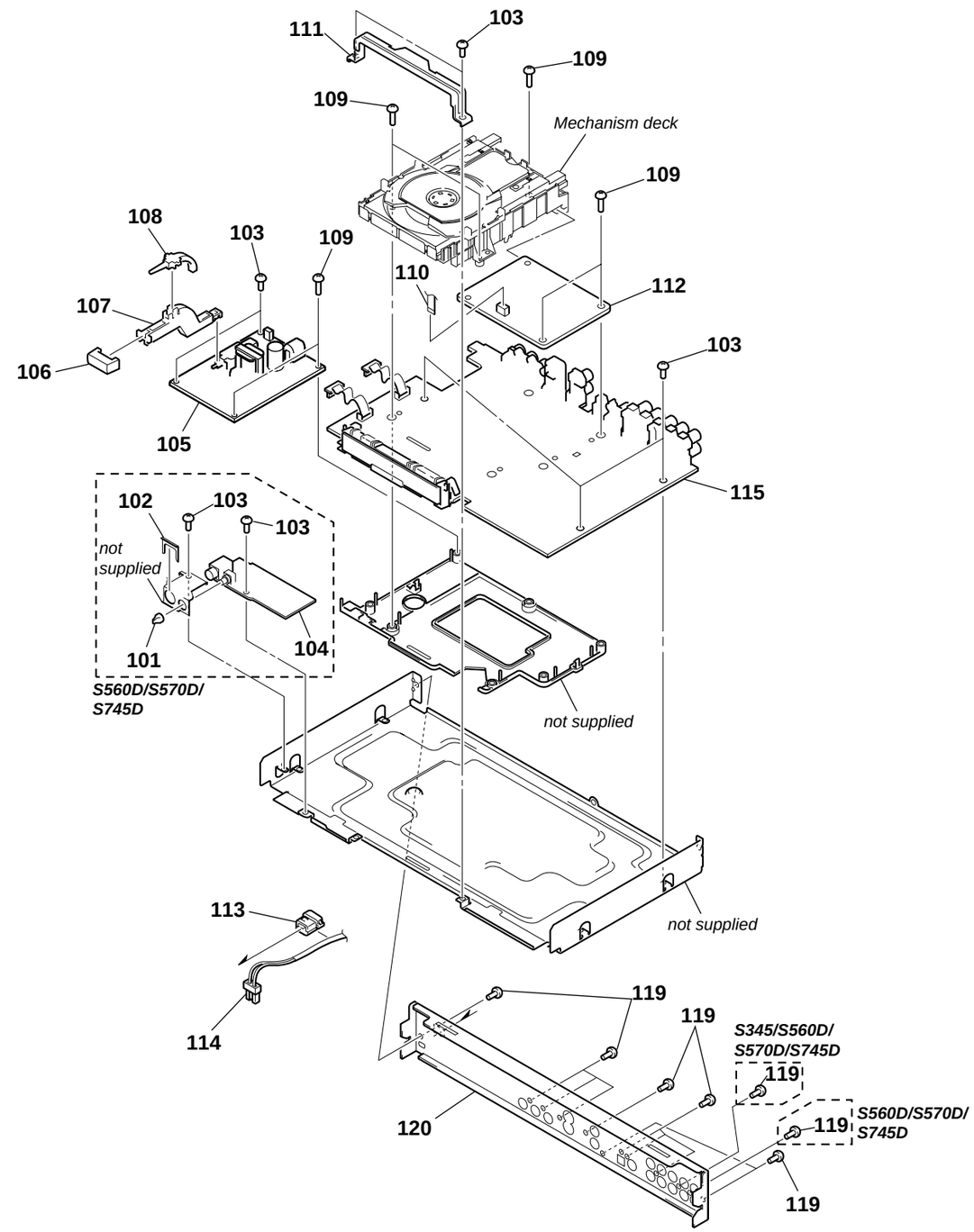
Ref. No.	Part No.	Description	Remark
1	X-3950-400-1	PANEL ASSY, FRONT (S336)	
1	X-3950-390-1	PANEL ASSY, FRONT (S560D: US, CND)	
1	X-3950-392-1	PANEL ASSY, FRONT (S360: US, CND)	
1	X-3950-398-1	PANEL ASSY, FRONT (S345: HK, SP)	
1	X-3950-408-1	PANEL ASSY, FRONT (S365)	
1	X-3950-413-1	PANEL ASSY, FRONT (S560D: E)	
1	X-3950-642-1	PANEL ASSY, FRONT (S360: E)	
1	X-3950-702-1	PANEL ASSY, FRONT (S345: CH)	
2	3-059-349-01	CUSHION, FOOT (S560D)	
2	3-059-349-11	CUSHION, FOOT (EXCEPT S560D)	
3	4-217-485-01	EMBLEM (5-A), SONY (S336/S360: E)	
3	4-217-485-11	EMBLEM (5-A), SONY (S560D: E)	
3	4-963-404-21	EMBLEM (5-A), SONY (S360: US, CND/S365)	
3	4-963-404-22	EMBLEM (5-A), SONY (S560D: US, CND)	
3	4-963-404-41	EMBLEM (5-A), SONY (S345)	
4	3-056-508-01	EMBLEM, DVD (S560D)	
4	3-975-726-61	EMBLEM, DVD (S336/S360: E)	
4	3-975-726-71	EMBLEM, DVD (S360: US, CND/S365)	
4	3-975-726-81	EMBLEM, DVD (S345)	
5	3-059-323-21	COVER, TRAY (S345: CH)	
5	3-059-323-41	COVER, TRAY (S336/S360: E)	
5	3-059-323-51	COVER, TRAY (S345: HK, SP)	
5	3-059-377-01	COVER, TRAY (S560D: US, CND)	
5	3-059-377-11	COVER, TRAY (S560D: E)	
5	3-061-152-01	COVER, TRAY (S360: US, CND/S365)	
6	3-059-322-01	STICK, CURSOR (S560D)	
6	3-059-322-21	STICK, CURSOR (S345: CH)	
6	3-059-322-31	STICK, CURSOR (S360: US, CND/S365)	
6	3-059-322-41	STICK, CURSOR (S336/S360: E)	
6	3-059-322-51	STICK, CURSOR (S345: HK, SP)	
7	1-771-913-11	SWITCH, TACTILE	
8	3-970-608-51	SUMITITE (B3), +BV	
9	3-059-331-01	FOOT, REAR (S560D)	
9	3-059-389-01	CUSHION (REAR), FOOT (EXCEPT S560D)	
10	3-710-901-11	SCREW, TAPPING (S360: US, CND/S365/S560D: US, CND)	
10	3-710-901-51	SCREW, TAPPING (S336/S560D: E)	
10	3-710-901-61	SCREW, TAPPING (S345/S360: E)	
12	1-418-988-31	COMMANDER, STANDARD (RMT-D115E) (S336/S345)	
12	1-418-990-11	COMMANDER, STANDARD (RMT-D116A) (S360/S365)	
12	1-418-991-61	COMMANDER, STANDARD (RMT-D117A) (S560D)	
13	3-053-633-01	COVER, BATTERY (for RMT-D115E/D116A/ D117A)	

8-1-2. CASE ASSEMBLY (S570D/S745D)



Ref. No.	Part No.	Description	Remark
51	X-3950-318-1	COVER ASSY, TRAY (S570D)	
51	X-3950-322-1	COVER ASSY, TRAY (S745D)	
52	3-975-726-31	EMBLEM, DVD (S570D)	
52	3-975-726-51	EMBLEM, DVD (S745D)	
53	3-058-936-01	COVER (AL), TRAY (S570D)	
53	3-058-936-11	COVER (AL), TRAY (S745D)	
54	3-058-935-01	COVER (M), TRAY (S570D)	
54	3-058-935-11	COVER (M), TRAY (S745D)	
55	3-058-939-01	RING, SHUTTLE (S570D)	
55	3-058-939-11	RING, SHUTTLE (S745D)	
56	X-3950-317-1	PANEL ASSY, FRONT (S570D)	
56	X-3950-481-1	PANEL ASSY, FRONT (S745D)	
57	3-058-938-01	STICK, CURSOR (S570D)	
57	3-058-938-11	STICK, CURSOR (S745D)	
58	1-418-097-11	ENCODER, ROTARY	
59	3-970-608-51	SUMITITE (B3), +BV	
60	X-3950-447-1	FOOT ASSY (S570D)	
60	X-3950-449-1	FOOT ASSY (S745D)	
62	3-710-901-61	SCREW, TAPPING	
63	1-418-989-11	COMMANDER, STANDARD (RMT-D120A)	(S570D/S745D: CH, KR)
63	1-418-989-51	COMMANDER, STANDARD (RMT-D120E)	(S745D: HK, SP)
64	3-055-539-01	COVER, BATTERY (for RMT-D120A/120E)	
65	3-058-947-01	WINDOW, FL	
66	3-058-944-01	PLATE (T), GROUND	

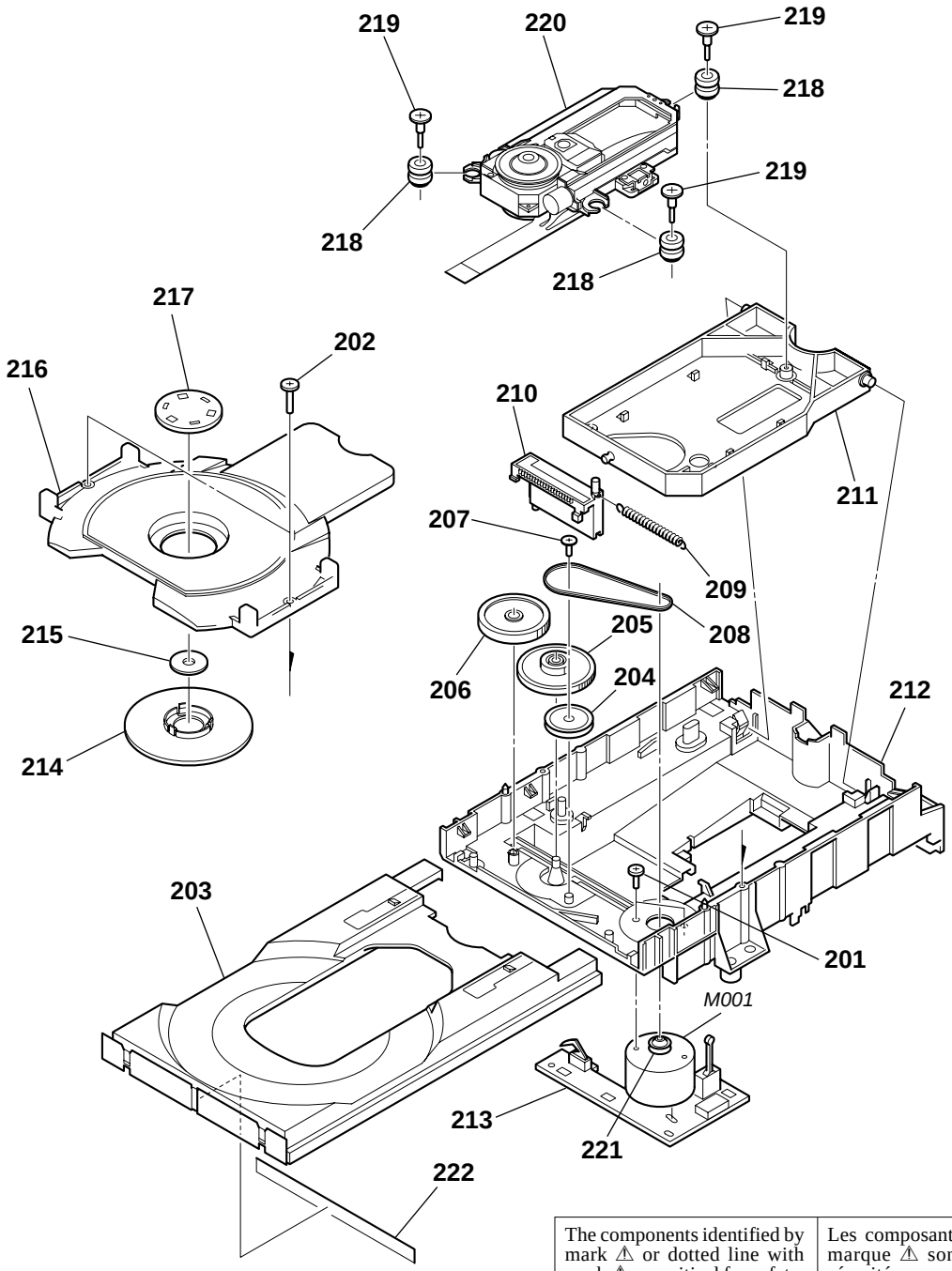
8-1-3. CHASSIS ASSEMBLY



Ref. No.	Part No.	Description	Remark
101	3-059-379-01	KNOB, VOLUME (S560D: US, CND)	
101	3-059-379-11	KNOB, VOLUME (S560D: E/S570D)	
101	3-059-379-21	KNOB, VOLUME (S745D)	
* 102	3-684-436-01	PLATE, MOUNT (S560D/S570D/S745D)	
103	3-970-608-01	SUMITITE (B3), +BV	
* 104	A-6065-458-A	HP-127 BOARD, COMPLETE (S560D)	
* 104	A-6065-470-A	HP-127 BOARD, COMPLETE (S570D/S745D)	
* 105	1-468-505-11	POWER BLOCK (SRV940JUC)	(S560D: US, CND/S570D)
* 105	1-468-506-11	POWER BLOCK (HS16S9F)	(S345: CH/S360: E/S365/S560D: E)
* 105	1-468-506-21	POWER BLOCK (HS16S9U) (S360: US, CND)	
* 105	1-468-506-31	POWER BLOCK (HS16S9E)	(S336/S345: HK, SP/S745D)
106	3-059-319-01	BUTTON, POWER (S560D: US, CND)	
106	3-059-319-21	BUTTON, POWER	(S345: CH/S560D: E/S570D/S745D)
106	3-059-319-31	BUTTON, POWER (S360: US, CND/S365)	
106	3-059-319-41	BUTTON, POWER (S336/S360: E)	
106	3-059-319-51	BUTTON, POWER (S345: HK, SP)	
107	3-059-320-01	JOINT (P) (S345: CH/S560D/S570D/S745D)	
107	3-059-320-11	JOINT (P) (S336/S345: HK, SP/S360/S365)	
108	3-059-321-01	INDICATOR (P) (S345: CH/S560D/S570D/	S745D)
108	3-059-321-11	INDICATOR (P) (S336/S345: HK, SP/S360/	S365)
109	3-061-608-01	POINT (GROUND), +BV S TITE FRONT	
110	1-792-457-11	CABLE, FLEXIBLE FLAT (FMM-33)	
111	3-059-327-01	PILLAR, MULTI (S560D/S570D/S745D)	
111	3-059-388-01	PILLAR, MULTI (S336/S345: HK, SP/S360/	S365)
111	3-059-388-11	PILLAR, MULTI (S345: CH)	
* 112	A-6065-437-A	MB-86 BOARD, COMPLETE	(S360: US, CND/S365)
* 112	A-6065-441-A	MB-86 BOARD, COMPLETE (S360: E)	
* 112	A-6065-447-A	MB-86 BOARD, COMPLETE	(S336/S345: HK, SP)
* 112	A-6065-457-A	MB-86 BOARD, COMPLETE (S560D: E)	
* 112	A-6065-460-A	MB-86 BOARD, COMPLETE (S560D: US, CND)	
* 112	A-6065-464-A	MB-86 BOARD, COMPLETE (S345: CH)	
* 112	A-6065-472-A	MB-86 BOARD, COMPLETE (S570D)	
* 112	A-6065-481-A	MB-86 BOARD, COMPLETE (S745D: CH)	
* 112	A-6065-483-A	MB-86 BOARD, COMPLETE	(S745D: HK, SP, KR)
113	4-966-267-11	BUSHING (FBS001), CORD	
⚠114	1-769-744-91	CORD, POWER (S336/S345: HK, SP/S360: E/	S365/S560D: E/S745D: HK, SP)
⚠114	1-782-510-11	CORD, POWER (S345: CH/S745D: CH)	
⚠114	1-782-752-31	CORD, POWER (S745D: KR)	
⚠114	1-783-531-31	CORD, POWER	(S360: US, CND/S560D: US, CND/S570D)
* 115	A-6065-436-A	AI-17 BOARD, COMPLETE (S360: US, CND)	
* 115	A-6065-440-A	AI-17 BOARD, COMPLETE (S360: E/S365)	
* 115	A-6065-456-A	AI-17 BOARD, COMPLETE (S560D: E)	
* 115	A-6065-459-A	AI-17 BOARD, COMPLETE (S560D: US, CND)	
* 115	A-6065-463-A	AI-17 BOARD, COMPLETE	(S336/S345: HK, SP)
* 115	A-6065-466-A	AI-17 BOARD, COMPLETE (S345: CH)	
* 115	A-6065-471-A	AI-17 BOARD, COMPLETE (S570D)	
* 115	A-6065-482-A	AI-17 BOARD, COMPLETE (S745D)	
119	3-970-608-51	SUMITITE (B3), +BV	
120	3-058-948-01	PANEL, REAR (S570D)	
120	3-059-326-11	PANEL, REAR (S345: CH)	
120	3-059-326-51	PANEL, REAR (S560D: US, CND)	
120	3-059-326-61	PANEL, REAR (S745D)	
120	3-059-326-81	PANEL, REAR (S560D: E)	
120	3-059-390-01	PANEL, REAR (S360: US, CND/S365)	
120	3-059-390-11	PANEL, REAR (S336/S345: HK, SP)	
120	3-059-390-31	PANEL, REAR (S360: E)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

8-1-4. MECHANISM DECK SECTION



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
201	7-621-775-10	SCREW +B 2.6X4	
202	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	
203	3-061-036-01	TRAY	
204	3-053-841-21	GEAR, PULLEY	
205	3-053-840-21	GEAR, CAM DRIVING	
206	3-053-839-22	TRAY DRIVING GEAR	
207	4-974-711-01	SCREW (2X5) (P TYIGHT), (+) PTTWH	
208	3-053-842-01	BELT	
209	3-053-849-01	SPRING, TENSION	
210	3-053-838-21	CHUCK CAM	
211	3-059-557-11	HOLDER, BASE UNIT	
212	3-059-556-11	BASE, LOADING	
* 213	A-6066-016-A	MS-48 BOARD, COMPLETE	
214	3-061-044-01	PLATE, CHUCK	
215	3-061-043-01	YOKE	
216	3-061-042-01	HOLDER, CHUCK	
217	3-053-846-01	YOKE HOLDER	
218	3-053-847-01	INSULATOR	
219	4-981-923-01	SCREW (M), STEP	
⚠220	A-6062-397-A	OPTICAL PICK-UP KHM-220AAA	
221	3-053-843-21	PULLEY, MOTOR	
222	3-055-097-01	SEAL, TRAY DUST	
M001	1-541-632-11	MOTOR, DC (LOADING)	

8-2. ELECTRICAL PARTS LIST

NOTE:
- 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 and -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
- Not all of the parts for POWER BLOCK (HS16S9E, HS16S9F, HS16S9U and SRV940JUC) are listed.
- 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. . : µA. . uPA. . : µPA. .
  uPB. . : µPB. . uPC. . : µPC. .
  uPD. . : µPD. .
- CAPACITORS
  uF: µF
- COILS
  uH: µH
- Abbreviation
  CH : Chinese KR : Korea
  CND : Canadian SP : Singapore
  HK : Hong Kong

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

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

Ref. No.	Part No.	Description				Remark
*	A-6065-436-A	AI-17 BOARD, COMPLETE (S360: US, CND)				
*	A-6065-440-A	AI-17 BOARD, COMPLETE (S360: E/S365)				
*	A-6065-456-A	AI-17 BOARD, COMPLETE (S560D: E)				
*	A-6065-459-A	AI-17 BOARD, COMPLETE (S560D: US, CND)				
*	A-6065-463-A	AI-17 BOARD, COMPLETE (S336/S345: HK, SP)				
*	A-6065-466-A	AI-17 BOARD, COMPLETE (S345: CH)				
*	A-6065-471-A	AI-17 BOARD, COMPLETE (S570D)				
*	A-6065-482-A	AI-17 BOARD, COMPLETE (S745D)				
		**********				
						(Ref.No. 2,000 Series)
	3-059-329-01	HOLDER (T), FL				
	3-059-330-01	HOLDER (U), FL				
		< BUZZER >				
BZ401	1-504-920-11	BUZZER				
		< CAPACITOR >				
C110	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C114	1-104-664-11	ELECT	47uF	20%	25V	
C116	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C119	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C120	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	
C121	1-104-665-11	ELECT	100uF	20%	25V	
C122	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V	
C123	1-124-589-11	ELECT	47uF	20%	16V	
C124	1-128-551-11	ELECT	22uF	20%	25V	
C125	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C126	1-124-248-00	ELECT	22uF	20%	35V	
C127	1-128-551-11	ELECT	22uF	20%	25V	
C128	1-124-248-00	ELECT	22uF	20%	35V	
C129	1-124-248-00	ELECT	22uF	20%	35V	
C202	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S336/S345/S360/S365)
C203	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V	
C204	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V	
C205	1-106-343-00	MYLAR	1000PF	5%	200V	(S570D/S745D)
C206	1-106-343-00	MYLAR	1000PF	5%	200V	(S570D/S745D)
C207	1-107-737-11	MYLAR	560PF	5%	50V	(S560D/S570D/S745D)
C208	1-107-737-11	MYLAR	560PF	5%	50V	(S560D/S570D/S745D)
C209	1-137-256-11	MYLAR	150PF	5%	50V	(S560D/S570D/S745D)
C210	1-137-256-11	MYLAR	150PF	5%	50V	(S560D/S570D/S745D)
C211	1-163-135-00	CERAMIC CHIP	560PF	5%	50V	(S336/S345/S360/S365)
C212	1-130-472-00	MYLAR	0.0012uF	5%	50V	(S570D/S745D)
C213	1-104-664-11	ELECT	47uF	20%	16V	(S336/S345/S360/S365/S560D)
C214	1-104-664-11	ELECT	47uF	20%	16V	(S336/S345/S360/S365/S560D)
C215	1-128-200-11	ELECT	47uF	20%	63V	(S570D/S745D)
C216	1-128-200-11	ELECT	47uF	20%	63V	(S570D/S745D)
C217	1-106-351-00	MYLAR	2200PF	5%	200V	(S570D/S745D)
C217	1-106-353-00	MYLAR	0.0027uF	5%	50V	(S560D)
C217	1-130-478-00	MYLAR	0.0039uF	5%	50V	(S336/S345/S360/S365)
C218	1-106-351-00	MYLAR	2200PF	5%	200V	(S570D/S745D)
C218	1-106-353-00	MYLAR	0.0027uF	5%	50V	(S560D)
C218	1-130-478-00	MYLAR	0.0039uF	5%	50V	(S336/S345/S360/S365)
C219	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	
C220	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	
C221	1-126-052-11	ELECT	100uF	20%	16V	(S570D/S745D)
C221	1-126-933-11	ELECT	100uF	20%	16V	(S336/S345/S360/S365/S560D)
C222	1-126-052-11	ELECT	100uF	20%	16V	(S570D/S745D)
C222	1-126-933-11	ELECT	100uF	20%	16V	(S336/S345/S360/S365/S560D)
C223	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C224	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C225	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C226	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C227	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S336/S345)

Ref. No.	Part No.	Description				Remark
C228	1-126-964-11	ELECT	10uF	20%	50V	(S336/S345)
C229	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V	
C230	1-124-584-00	ELECT	100uF	20%	10V	(S336/S345/S360/S365/S560D)
C230	1-128-200-11	ELECT	47uF	20%	63V	(S570D/S745D)
C231	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S336/S345/S360/S365/S560D)
C232	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S336/S345/S360/S365/S560D)
C233	1-104-665-11	ELECT	100uF	20%	10V	(S336/S345/S360/S365/S560D)
C234	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V	(S560D/S570D/S745D)
C235	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S336/S345/S360/S365)
C236	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C237	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C238	1-128-202-11	ELECT	220uF	20%	63V	(S570D/S745D)
C239	1-126-960-11	ELECT	1uF	20%	50V	
C240	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S336/S345/S360/S365)
C241	1-126-960-11	ELECT	1uF	20%	50V	
C242	1-130-472-00	MYLAR	0.0012uF	5%	50V	(S570D/S745D)
C243	1-137-256-11	MYLAR	150PF	5%	50V	(S560D/S570D/S745D)
C244	1-137-256-11	MYLAR	150PF	5%	50V	(S560D/S570D/S745D)
C247	1-130-467-00	MYLAR	470PF	5%	50V	(S570D/S745D)
C248	1-130-467-00	MYLAR	470PF	5%	50V	(S570D/S745D)
C252	1-136-850-11	MYLAR	0.1uF	5%	63V	(S570D/S745D)
C254	1-126-964-11	ELECT	10uF	20%	50V	(S560D/S570D/S745D)
C255	1-126-964-11	ELECT	10uF	20%	50V	(S560D/S570D/S745D)
C256	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	
C257	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	
C258	1-136-850-11	MYLAR	0.1uF	5%	63V	(S570D/S745D)
C259	1-109-982-11	CERAMIC CHIP	1uF	10%	10V	(S336/S345/S360/S365/S560D)
C260	1-128-200-11	ELECT	47uF	20%	63V	(S570D/S745D)
C261	1-136-850-11	MYLAR	0.1uF	5%	63V	(S570D/S745D)
C262	1-136-850-11	MYLAR	0.1uF	5%	63V	(S570D/S745D)
C263	1-136-850-11	MYLAR	0.1uF	5%	63V	(S570D/S745D)
C264	1-136-850-11	MYLAR	0.1uF	5%	63V	(S570D/S745D)
C265	1-126-176-11	ELECT	220uF	20%	10V	(S560D/S570D/S745D)
C266	1-126-176-11	ELECT	220uF	20%	10V	(S560D/S570D/S745D)
C267	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S336/S345/S360/S365)
C268	1-126-963-11	ELECT	4.7uF	20%	50V	(S560D/S570D/S745D)
C269	1-124-261-00	ELECT	10uF	20%	50V	(S560D/S570D/S745D)
C270	1-124-261-00	ELECT	10uF	20%	50V	(S560D/S570D/S745D)
C271	1-126-965-11	ELECT	22uF	20%	50V	
C272	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	
C273	1-163-255-11	CERAMIC CHIP	150PF	5%	50V	(S336/S345/S360/S365)
C274	1-163-255-11	CERAMIC CHIP	150PF	5%	50V	(S336/S345/S360/S365)
C275	1-163-255-11	CERAMIC CHIP	150PF	5%	50V	(S336/S345/S360/S365)
C276	1-163-255-11	CERAMIC CHIP	150PF	5%	50V	(S336/S345/S360/S365)
C277	1-163-135-00	CERAMIC CHIP	560PF	5%	50V	(S336/S345/S360/S365)
C302	1-126-965-11	ELECT	22uF	20%	50V	(S560D/S570D/S745D)
C303	1-126-933-11	ELECT	100uF	20%	16V	(S560D/S570D/S745D)
C304	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	(S570D/S745D)
C305	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	(S570D/S745D)
C306	1-126-960-11	ELECT	1uF	20%	50V	(S570D/S745D)
C307	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	(S560D/S570D/S745D)
C308	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V	(S560D/S570D/S745D)
C309	1-126-965-11	ELECT	22uF	20%	50V	(S560D/S570D/S745D)
C310	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	(S560D/S570D/S745D)
C311	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V	(S336/S345/S560D/S570D/S745D)
C312	1-137-605-11	MYLAR	220PF	5%	50V	(S560D/S570D/S745D)
C313	1-137-605-11	MYLAR	220PF	5%	50V	(S560D/S570D/S745D)
C314	1-163-255-11	CERAMIC CHIP	150PF	5%	50V	(S560D/S570D/S745D)
C315	1-163-255-11	CERAMIC CHIP	150PF	5%	50V	(S560D/S570D/S745D)
C316	1-137-256-11	MYLAR	150PF	5%	50V	(S560D/S570D/S745D)
C317	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	(S336/S345/S560D/S570D/S745D)
C318	1-130-470-00	MYLAR	820PF	5%	50V	(S560D/S570D/S745D)
C319	1-163-145-00	CERAMIC CHIP	0.0015uF	5%	50V	(S560D/S570D/S745D)
C321	1-130-470-00	MYLAR	820PF	5%	50V	(S560D/S570D/S745D)
C322	1-163-145-00	CERAMIC CHIP	0.0015uF	5%	50V	(S560D/S570D/S745D)
C323	1-106-343-00	MYLAR	1000PF	5%	200V	(S560D/S570D/S745D)
C324	1-137-605-11	MYLAR	220PF	5%	50V	(S560D/S570D/S745D)
C325	1-163-255-11	CERAMIC CHIP	150PF	5%	50V	(S560D/S570D/S745D)
C326	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	(S336/S345/S560D/S570D/S745D)

Ref. No.	Part No.	Description				Remark
C327	1-137-605-11	MYLAR	220PF	5%	50V	(S560D/S570D/S745D)
C328	1-163-255-11	CERAMIC CHIP	150PF	5%	50V	(S560D/S570D/S745D)
C329	1-137-256-11	MYLAR	150PF	5%	50V	(S560D/S570D/S745D)
C330	1-126-965-11	ELECT	22uF	20%	50V	(S560D)
C330	1-128-198-11	ELECT	22uF	20%	50V	(S570D/S745D)
C331	1-126-965-11	ELECT	22uF	20%	50V	(S560D)
C331	1-128-198-11	ELECT	22uF	20%	50V	(S570D/S745D)
C332	1-126-965-11	ELECT	22uF	20%	50V	(S560D)
C332	1-128-198-11	ELECT	22uF	20%	50V	(S570D/S745D)
C333	1-126-965-11	ELECT	22uF	20%	50V	(S560D)
C333	1-128-198-11	ELECT	22uF	20%	50V	(S570D/S745D)
C334	1-126-965-11	ELECT	22uF	20%	50V	(S560D)
C334	1-128-198-11	ELECT	22uF	20%	50V	(S570D/S745D)
C335	1-126-965-11	ELECT	22uF	20%	50V	(S336/S345/S560D)
C335	1-128-198-11	ELECT	22uF	20%	50V	(S570D/S745D)
C336	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S560D/S570D/S745D)
C337	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S560D/S570D/S745D)
C338	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S560D/S570D/S745D)
C339	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S560D/S570D/S745D)
C340	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S336/S345/S560D/S570D/S745D)
C341	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S336/S345/S560D/S570D/S745D)
C342	1-163-259-91	CERAMIC CHIP	220PF	5%	50V	(S336/S345/S560D/S570D/S745D)
C343	1-137-605-11	MYLAR	220PF	5%	50V	(S560D/S570D/S745D)
C344	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V	(S560D/S570D/S745D)
C345	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V	(S560D/S570D/S745D)
C346	1-106-343-00	MYLAR	1000PF	5%	200V	(S560D/S570D/S745D)
C347	1-106-343-00	MYLAR	1000PF	5%	200V	(S560D/S570D/S745D)
C348	1-104-664-11	ELECT	47uF	20%	16V	(S336/S345/S360/S365/S560D)
C348	1-128-200-11	ELECT	47uF	20%	63V	(S570D/S745D)
C349	1-104-664-11	ELECT	47uF	20%	16V	
C351	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V	(S570D)
C352	1-136-850-11	MYLAR	0.1uF	5%	63V	(S570D/S745D)
C353	1-126-935-11	ELECT	470uF	20%	6.3V	(S336/S345/S360/S365/S560D)
C353	1-128-200-11	ELECT	47uF	20%	63V	(S570D/S745D)
C354	1-128-197-11	ELECT	10uF	20%	50V	(S570D/S745D)
C356	1-128-197-11	ELECT	10uF	20%	50V	(S570D/S745D)
C357	1-126-964-11	ELECT	10uF	20%	50V	(S336/S345/S360/S365/S560D)
C357	1-128-200-11	ELECT	47uF	20%	63V	(S570D/S745D)
C368	1-126-964-11	ELECT	10uF	20%	50V	(S336/S345/S360/S365/S560D)
C369	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	
C370	1-126-965-11	ELECT	22uF	20%	50V	(S560D/S570D/S745D)
C371	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	(S560D/S570D/S745D)
C381	1-104-664-11	ELECT	47uF	20%	16V	(S336/S345/S360/S365/S560D)
C381	1-128-200-11	ELECT	47uF	20%	63V	(S570D/S745D)
C382	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V	(S336/S345/S360/S365/S560D)
C383	1-136-850-11	MYLAR	0.1uF	5%	63V	(S570D/S745D)
C384	1-136-850-11	MYLAR	0.1uF	5%	63V	(S570D/S745D)
C385	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	
C386	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V	(S560D/S570D/S745D)
C387	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V	(S560D/S570D/S745D)
C388	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V	(S560D/S570D/S745D)
C389	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V	(S560D/S570D/S745D)
C390	1-136-850-11	MYLAR	0.1uF	5%	63V	(S570D/S745D)
C391	1-136-850-11	MYLAR	0.1uF	5%	63V	(S570D/S745D)
C392	1-119-774-11	ELECT	100uF	20%	16V	
C393	1-126-926-11	ELECT	1000uF	20%	10V	(S560D/S570D/S745D)
C393	1-126-934-11	ELECT	220uF	20%	16V	(S336/S345/S360/S365)
C401	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S336/S345/S360/S365)
C402	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S570D)
C403	1-124-584-00	ELECT	100uF	20%	10V	
C404	1-104-664-11	ELECT	47uF	20%	16V	(S336/S345/S360/S365/S560D)
C405	1-124-234-00	ELECT	22uF	20%	16V	
C406	1-128-057-11	ELECT	330uF	20%	6.3V	
C407	1-104-664-11	ELECT	47uF	20%	16V	(S336/S345/S360/S365/S560D)
C408	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S570D/S745D)
C409	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	(S570D/S745D)
C410	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	
C411	1-104-665-11	ELECT	100uF	20%	10V	
C413	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V	
C415	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V	(S570D)

Ref. No.	Part No.	Description	Remark
C416	1-163-021-91	CERAMIC CHIP 0.01uF 10% 50V	
C417	1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
C418	1-115-339-11	CERAMIC CHIP 0.1uF 10% 50V	
C419	1-115-339-11	CERAMIC CHIP 0.1uF 10% 50V	
C420	1-128-131-11	ELECT 22uF 20% 50V	
C421	1-104-664-11	ELECT 47uF 20% 16V	(S336/S345/S360/S365)
C422	1-126-964-11	ELECT 10uF 20% 50V	(S336/S345: HK, SP/S360: US, CND/S570D/S745D)
C423	1-163-021-91	CERAMIC CHIP 0.01uF 10% 50V	
C426	1-163-021-91	CERAMIC CHIP 0.01uF 10% 50V	
C430	1-124-589-11	ELECT 47uF 20% 16V	
C431	1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
C432	1-164-004-11	CERAMIC CHIP 0.1uF 10% 25V	
C433	1-109-982-11	CERAMIC CHIP 1uF 10% 10V	
C434	1-109-982-11	CERAMIC CHIP 1uF 10% 10V	
C450	1-128-201-11	ELECT 100uF 20% 63V	(S570D/S745D)
C451	1-163-133-00	CERAMIC CHIP 470PF 5% 50V	
C490	1-163-259-91	CERAMIC CHIP 220PF 5% 50V	
C491	1-163-259-91	CERAMIC CHIP 220PF 5% 50V	
C492	1-163-259-91	CERAMIC CHIP 220PF 5% 50V	
C493	1-128-201-11	ELECT 100uF 20% 63V	(S570D/S745D)
C495	1-109-982-11	CERAMIC CHIP 1uF 10% 10V	(S345: CH/S360: E/S365/S560D: E)
		< CONNECTOR >	
CN101	1-794-325-11	CONNECTOR, BOARD TO BOARD 34P	
CN201	1-794-325-11	CONNECTOR, BOARD TO BOARD 34P	
CN401	1-778-317-21	CONNECTOR, BOARD TO BOARD 13P	
CN403	1-568-788-21	PIN, CONNECTOR 11P (S560D/S570D/S745D)	
* CN403	1-568-938-11	PIN, CONNECTOR 11P (S336/S345/S360/	S365)
CN404	1-784-641-21	CONNECTOR, BOARD TO BOARD 11P	(S560D/S570D/S745D)
CN405	1-785-694-11	CONNECTOR, FFC/FPC 7P	(S336/S345/S360/S365/S560D)
CN405	1-793-481-11	CONNECTOR, FFC/FPC 9P (S570D/S745D)	
		< DIODE >	
D103	8-719-071-15	DIODE HZM6.8ZWA1TL	
D104	8-719-071-15	DIODE HZM6.8ZWA1TL	
D105	8-719-071-15	DIODE HZM6.8ZWA1TL	
D106	8-719-071-15	DIODE HZM6.8ZWA1TL	
D201	8-719-914-43	DIODE DAN202K-T-146	(S560D/S570D/S745D)
D202	8-719-914-43	DIODE DAN202K-T-146	
D203	8-719-914-43	DIODE DAN202K-T-146	
D205	8-719-988-61	DIODE 1SS355TE-17	
D302	8-719-914-43	DIODE DAN202K-T-146	(S560D/S570D/S745D)
D303	8-719-988-61	DIODE 1SS355TE-17 (S336/S345)	
D305	8-719-067-40	DIODE STZ6.8N-T146 (S570D)	
D306	8-719-072-27	DIODE MA2Z748001S0	
D404	8-719-914-43	DIODE DAN202K-T-146 (S570D)	
D406	8-719-056-06	DIODE SLR-342DCT32 (JOG)(S570D/S745D)	
D407	8-719-041-97	DIODE MA113-(TX)	
D408	8-719-041-97	DIODE MA113-(TX)	
D409	8-719-041-97	DIODE MA113-(TX)	
D410	8-719-041-97	DIODE MA113-(TX)	

Ref. No.	Part No.	Description	Remark
D411	8-719-988-61	DIODE 1SS355TE-17	
D412	8-719-056-06	DIODE SLR-342DCT32 (DVE)	(S560D/S570D/S745D)
D413	8-719-056-06	DIODE SLR-342DCT32 (VES)	(S336/S345/S360/S365)
D413	8-719-056-06	DIODE SLR-342DCT32	(VIRTUAL 3D SURROUND) (S560D/S570D/S745D)
D415	8-719-422-62	DIODE MA8062-L-TX	
D416	8-719-914-44	DIODE DAP202K-T-146	
D417	8-719-069-54	DIODE UDZS-TE17-5.1B	
D430	8-719-058-24	DIODE RB501V-40TE-17 (S336/S345: HK,	SP/S360: US, CND/S560D: US, CND/ S570D/S745D)
		< EARTH TERMINAL >	
* ET401	1-537-738-21	TERMINAL, EARTH	
* ET402	1-537-738-21	TERMINAL, EARTH	
* ET403	1-537-738-21	TERMINAL, EARTH	
		< FERRITE BEAD >	
FB101	1-414-766-22	INDUCTOR CHIP 0uH	
FB102	1-414-766-22	INDUCTOR CHIP 0uH	
FB103	1-414-766-22	INDUCTOR CHIP 0uH	
FB104	1-414-766-22	INDUCTOR CHIP 0uH	
FB105	1-414-766-22	INDUCTOR CHIP 0uH	
FB106	1-414-766-22	INDUCTOR CHIP 0uH	
FB107	1-414-766-22	INDUCTOR CHIP 0uH	
FB108	1-414-766-22	INDUCTOR CHIP 0uH	
FB109	1-414-766-22	INDUCTOR CHIP 0uH	
FB201	1-414-230-22	INDUCTOR CHIP 0uH	(S336/S345/S360/S365/S560D)
FB202	1-414-230-22	INDUCTOR CHIP 0uH	(S336/S345/S360/S365/S560D)
FB203	1-414-230-22	INDUCTOR CHIP 0uH	
FB204	1-414-230-22	INDUCTOR CHIP 0uH (S560D/S570D/S745D)	
FB205	1-414-766-22	INDUCTOR CHIP 0uH	
FB206	1-414-766-22	INDUCTOR CHIP 0uH	
FB207	1-414-766-22	INDUCTOR CHIP 0uH	
FB208	1-414-766-22	INDUCTOR CHIP 0uH	
FB301	1-414-766-22	INDUCTOR CHIP 0uH (S336/S345)	
FB401	1-469-324-21	FERRITE 0uH	(S345: CH/S360: E/S365/S560D: E)
FB402	1-469-324-21	FERRITE 0uH	
FB403	1-469-324-21	FERRITE 0uH	(S345: CH/S360: E/S365/S560D: E)
FB405	1-469-324-21	FERRITE 0uH	
FB406	1-469-324-21	FERRITE 0uH	
FB407	1-469-324-21	FERRITE 0uH	
FB409	1-469-324-21	FERRITE 0uH	
FB410	1-469-324-21	FERRITE 0uH	
		< IC >	
IC101	8-759-667-63	IC LA7109-TLM	
IC102	8-759-667-18	IC PQ018EZ01ZP	
IC103	8-759-667-17	IC L79M05TLL-SONY-TL	
IC201	8-759-669-29	IC CXD9544MR	
IC203	8-759-587-83	IC OPA2134UA/2K5 (S570D/S745D)	
IC204	8-759-377-65	IC LC78817M-TE-L (S336/S345)	
IC205	7-759-667-85	IC CXD9545Q (S336/S345/S360/S365)	
IC206	8-759-052-52	IC L78M05TLL-SONY-TL	

Ref. No.	Part No.	Description	Remark
IC207	8-759-369-74	IC NJM4556AM-TE2 (S560D)	
IC207	8-759-909-71	IC BA4558F-E2 (S570D/S745D)	
IC208	8-759-587-83	IC OPA2134UA/2K5 (S570D/S745D)	
IC208	8-759-909-71	IC BA4558F-E2	(S336/S345/S360/S365/S560D)
IC301	8-759-052-52	IC L78M05TLL-SONY-TL (S570D/S745D)	
IC302	8-759-668-03	IC CXD9543Q (S560D/S570D/S745D)	
IC303	8-759-587-83	IC OPA2134UA/2K5 (S570D/S745D)	
IC303	8-759-909-71	IC BA4558F-E2 (S560D)	
IC304	8-759-587-83	IC OPA2134UA/2K5 (S570D/S745D)	
IC304	8-759-909-71	IC BA4558F-E2 (S560D)	
IC305	8-759-587-83	IC OPA2134UA/2K5 (S570D/S745D)	
IC305	8-759-909-71	IC BA4558F-E2 (S336/S345/S560D)	
IC306	8-749-017-31	IC GP1FA550TZ (OPTICAL)	(S336/S345/S360/S365)
IC306	8-749-017-80	IC GP1FA551TZ (OPTICAL)	(S560D/S570D/S745D)
IC307	8-759-667-19	IC uPC29M08T-E1	
IC401	8-719-066-43	DIODE GP1U28Y (S336/S345/S360/S365)	
IC402	8-759-100-93	IC uPC393G2-E2 (S570D)	
IC403	8-759-673-34	IC PST7030MT	
IC404	8-759-669-95	IC M38B57M6-147FP	
IC406	8-759-521-90	IC PQ05DZ5U	
IC407	8-759-671-84	IC AN77033SP-(E1) (S336/S345: HK, SP/ S360: US, CND/S560D: US, CND/S570D/S745D)	
		< JACK >	
J101	1-793-445-11	JACK, PIN 3P (COMPONENT VIDEO OUT)	(S336/S345/S360/S365/S560D)
J101	1-793-445-21	JACK, PIN 3P (COMPONENT VIDEO OUT)	(S570D/S745D)
J102	1-793-475-11	JACK, PIN 2P (VIDEO OUT) (S570D/S745D)	
J102	1-793-475-21	JACK, PIN 2P (VIDEO OUT)	(S336/S345/S360/S365/S560D)
J103	1-694-484-11	TERMINAL, S (2P.V) (S VIDEO OUT)	(S570D/S745D)
J103	1-694-484-21	TERMINAL, S (2P.V) (S VIDEO OUT)	(S336/S345/S360/S365/S560D)
J201	1-793-526-11	JACK, PIN 4P (AUDIO OUT) (S570D/S745D)	
J201	1-793-526-21	JACK, PIN 4P (AUDIO OUT)	(S336/S345/S360/S365/S560D)
J301	1-785-489-11	JACK, PIN 6P (5.1CH OUTPUT)	(S570D/S745D)
J301	1-785-536-11	JACK, PIN 6P (5.1CH OUTPUT) (S560D)	
J302	1-764-188-21	JACK (SMALL TYPE) (DIA.3.5) (S-LINK)	(S570D)
J303	1-784-432-11	JACK, PIN 1P (COAXIAL) (S570D/S745D)	
J303	1-793-446-21	JACK, PIN 1P (COAXIAL)	(S336/S345/S360/S365/S560D)
J304	1-793-446-11	JACK, PIN 1P (WOOFER) (S336/S345)	
		< SHORT >	
JR001	1-216-295-91	SHORT 0	
JR002	1-216-295-91	SHORT 0	
JR003	1-216-296-91	SHORT 0	
JR004	1-216-296-91	SHORT 0	
JR005	1-216-296-91	SHORT 0	
JR006	1-216-296-91	SHORT 0	
JR008	1-216-296-91	SHORT 0	
JR009	1-216-296-91	SHORT 0 (S560D/S570D/S745D)	
JR010	1-216-296-91	SHORT 0	
JR011	1-216-296-91	SHORT 0 (S560D/S570D/S745D)	

Ref. No.	Part No.	Description	Remark
JR012	1-216-296-91	SHORT 0	
JR013	1-216-295-91	SHORT 0	
JR014	1-216-296-91	SHORT 0	
JR016	1-216-296-91	SHORT 0	
JR017	1-216-296-91	SHORT 0	
JR018	1-216-296-91	SHORT 0	
JR019	1-216-295-91	SHORT 0	
JR020	1-216-296-91	SHORT 0	(S336/S345/S360/S365/S560D)
JR021	1-216-296-91	SHORT 0	
JR022	1-216-296-91	SHORT 0	
JR023	1-216-295-91	SHORT 0	
JR024	1-216-295-91	SHORT 0	
JR025	1-216-296-91	SHORT 0	
JR026	1-216-296-91	SHORT 0	
JR027	1-216-296-91	SHORT 0	
JR028	1-216-296-91	SHORT 0	
JR029	1-216-296-91	SHORT 0 (S336/S345/S360/S365)	
JR030	1-216-296-91	SHORT 0	
JR031	1-216-296-91	SHORT 0	
JR032	1-216-295-91	SHORT 0	
JR033	1-216-296-91	SHORT 0	
JR034	1-216-296-91	SHORT 0	
JR035	1-216-296-91	SHORT 0	
JR036	1-216-295-91	SHORT 0	
JR037	1-216-296-91	SHORT 0 (S336/S345/S360/S365)	
JR038	1-216-296-91	SHORT 0	
JR039	1-216-296-91	SHORT 0	
JR040	1-216-296-91	SHORT 0	
JR041	1-216-296-91	SHORT 0	
JR042	1-216-296-91	SHORT 0	
JR043	1-216-295-91	SHORT 0	
JR044	1-216-296-91	SHORT 0	
JR045	1-216-296-91	SHORT 0	
JR046	1-216-296-91	SHORT 0 (S560D/S570D/S745D)	
JR047	1-216-296-91	SHORT 0	
JR048	1-216-296-91	SHORT 0	
JR049	1-216-296-91	SHORT 0	
JR050	1-216-296-91	SHORT 0	
JR051	1-216-295-91	SHORT 0	(S336/S345/S360/S365/S560D)
JR052	1-216-296-91	SHORT 0	
JR053	1-216-296-91	SHORT 0	
JR054	1-216-296-91	SHORT 0	
JR055	1-216-295-91	SHORT 0 (S560D/S570D/S745D)	
JR056	1-216-295-91	SHORT 0 (S560D/S570D/S745D)	
JR057	1-216-295-91	SHORT 0	
JR058	1-216-295-91	SHORT 0	
JR059	1-216-296-91	SHORT 0	
JR060	1-216-296-91	SHORT 0	
JR061	1-216-295-91	SHORT 0	
JR062	1-216-295-91	SHORT 0	
JR063	1-216-296-91	SHORT 0	
JR064	1-216-296-91	SHORT 0	
JR065	1-216-296-91	SHORT 0	
JR066	1-216-296-91	SHORT 0	
JR067	1-216-296-91	SHORT 0	
JR068	1-216-296-91	SHORT 0	
JR069	1-216-296-91	SHORT 0	
JR070	1-216-296-91	SHORT 0	
JR071	1-216-295-91	SHORT 0	

Ref. No.	Part No.	Description	Remark
JR072	1-216-296-91	SHORT 0	
JR074	1-216-296-91	SHORT 0	
JR075	1-216-295-91	SHORT 0	
JR076	1-216-295-91	SHORT 0	
JR077	1-216-296-91	SHORT 0	
JR078	1-216-296-91	SHORT 0	
JR079	1-216-296-91	SHORT 0 (S560D/S570D/S745D)	
JR080	1-216-295-91	SHORT 0	
JR082	1-216-296-91	SHORT 0 (S336/S345/S360/S365)	
JR083	1-216-296-91	SHORT 0	
JR084	1-216-296-91	SHORT 0 (S560D/S570D/S745D)	
JR085	1-216-296-91	SHORT 0 (EXCEPT S345: CH)	
JR086	1-216-295-91	SHORT 0	
JR087	1-216-295-91	SHORT 0	
JR088	1-216-296-91	SHORT 0	
JR089	1-216-296-91	SHORT 0	
JR090	1-216-295-91	SHORT 0 (S336/S345/S360/S365)	
JR091	1-216-295-91	SHORT 0	
		< COIL >	
L401	1-408-978-21	INDUCTOR 47uH	
L402	1-408-978-21	INDUCTOR 47uH (S570D/S745D)	
L402	1-410-427-11	INDUCTOR 47uH (S560D)	
		< FLUORESCENT INDICATOR TUBE >	
ND401	1-517-971-11	INDICATOR TUBE, FLUORESCENT	(EXCEPT S560D)
ND401	1-517-972-11	INDICATOR TUBE, FLUORESCENT (S560D)	
		< IC LINK >	
⚠PS401	1-532-679-00	LINK, IC (0.6A)	
⚠PS402	1-532-605-00	LINK, IC (0.4A)	
		< TRANSISTOR >	
Q106	8-729-421-19	TRANSISTOR UN2213-TX	
Q107	8-729-424-08	TRANSISTOR UN2111-TX	
Q201	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S570D/S745D)
Q202	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S570D/S745D)
Q203	8-729-023-22	TRANSISTOR 2SD2114KT146	(S336/S345/S360/S365)
Q203	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S560D/S570D/S745D)
Q204	8-729-023-22	TRANSISTOR 2SD2114KT146	(S336/S345/S360/S365)
Q204	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S560D/S570D/S745D)
Q205	8-729-421-19	TRANSISTOR UN2213-TX	
Q206	8-729-027-53	TRANSISTOR DTC124TKA-T146	
Q207	8-729-216-22	TRANSISTOR 2SB709A-QRS-TX	
Q208	8-729-230-49	TRANSISTOR 2SC2712-YG-TE85L	(S560D/S570D/S745D)
Q209	8-729-421-19	TRANSISTOR UN2213-TX	(S560D/S570D/S745D)
Q210	8-729-424-18	TRANSISTOR UN2113-TX (S570D/S745D)	
Q211	8-729-027-53	TRANSISTOR DTC124TKA-T146	(S560D/S570D/S745D)
Q212	8-729-216-22	TRANSISTOR 2SB709A-QRS-TX	(S560D/S570D/S745D)
Q213	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S560D/S570D/S745D)
Q214	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S560D/S570D/S745D)
Q215	8-729-424-18	TRANSISTOR UN2113-TX	(S560D/S570D/S745D)
Q220	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S560D/S570D/S745D)
Q221	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S560D/S570D/S745D)
Q301	8-729-421-19	TRANSISTOR UN2213-TX	(S560D/S570D/S745D)
Q302	8-729-027-53	TRANSISTOR DTC124TKA-T146	(S336/S345/S560D/S570D/S745D)
Q303	8-729-216-22	TRANSISTOR 2SB709A-QRS-TX	(S336/S345/S560D/S570D/S745D)
Q304	8-729-023-22	TRANSISTOR 2SD2114KT146 (S336/S345)	
Q304	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S560D/S570D/S745D)
Q305	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S560D/S570D/S745D)
Q306	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S560D/S570D/S745D)
Q307	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S560D/S570D/S745D)
Q308	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S560D/S570D/S745D)
Q309	8-729-046-97	TRANSISTOR 2SD1938(F)-T(TX).SO	(S560D/S570D/S745D)
Q311	8-729-230-72	TRANSISTOR 2SA1362-YG-EL	
Q312	8-729-230-49	TRANSISTOR 2SC2712-YG-TE85L	(S570D/S745D)
Q313	8-729-230-49	TRANSISTOR 2SC2712-YG-TE85L	
Q314	8-729-216-22	TRANSISTOR 2SA1162-YG-TE85L	(S570D/S745D)
Q401	8-729-808-42	TRANSISTOR 2SD1624-T-TD	
Q402	8-729-808-42	TRANSISTOR 2SD1624-T-TD	
Q403	8-729-216-22	TRANSISTOR 2SB709A-QRS-TX (S570D)	
Q404	8-729-424-18	TRANSISTOR UN2113-TX (S570D)	
Q405	8-729-424-18	TRANSISTOR UN2113-TX	(S345: CH/S360: E/S365/S560D: E)
Q406	8-729-421-22	TRANSISTOR UN2211-TX	(S345: CH/S360: E/S365/S560D: E)
		< RESISTOR >	
R101	1-216-296-91	SHORT 0	
R109	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R110	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R111	1-216-021-00	METAL CHIP 68 5% 1/10W	
R112	1-216-021-00	METAL CHIP 68 5% 1/10W	
R113	1-216-021-00	METAL CHIP 68 5% 1/10W	
R114	1-216-021-00	METAL CHIP 68 5% 1/10W	
R115	1-216-021-00	METAL CHIP 68 5% 1/10W	
R116	1-216-021-00	METAL CHIP 68 5% 1/10W	
R117	1-216-021-00	METAL CHIP 68 5% 1/10W	
R118	1-216-021-00	METAL CHIP 68 5% 1/10W	
R119	1-216-021-00	METAL CHIP 68 5% 1/10W	
R122	1-216-295-91	SHORT 0	
R126	1-216-295-91	SHORT 0	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description				Remark
R127	1-216-295-91	SHORT	0			
R128	1-216-295-91	SHORT	0			
R147	1-216-089-91	RES, CHIP	47K	5%	1/10W	
R148	1-216-089-91	RES, CHIP	47K	5%	1/10W	
R149	1-216-089-91	RES, CHIP	47K	5%	1/10W	
R150	1-216-089-91	RES, CHIP	47K	5%	1/10W	
R151	1-216-089-91	RES, CHIP	47K	5%	1/10W	
R152	1-216-089-91	RES, CHIP	47K	5%	1/10W	
R201	1-216-295-91	SHORT	0 (S336/S345/S360/S365)			
R204	1-216-025-91	RES, CHIP	100	5%	1/10W	
R205	1-216-033-00	METAL CHIP	220	5%	1/10W	
R206	1-216-033-00	METAL CHIP	220	5%	1/10W	
R210	1-216-295-91	SHORT	0			
R211	1-216-295-91	SHORT	0 (S560D/S570D/S745D)			
R212	1-216-041-00	METAL CHIP	470	5%	1/10W	(S570D/S745D)
R213	1-216-065-91	RES, CHIP	4.7K	5%	1/10W	
R229	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W	
R230	1-208-806-11	RES, CHIP	10K	2%	1/10W	
R231	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R232	1-208-806-11	RES, CHIP	10K	2%	1/10W	
R233	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R234	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W	
R235	1-208-806-11	RES, CHIP	10K	2%	1/10W	
R236	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R237	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	
R238	1-208-806-11	RES, CHIP	10K	2%	1/10W	
R239	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S570D/S745D)
R240	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S570D/S745D)
R241	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S570D/S745D)
R242	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S570D/S745D)
R243	1-216-041-00	METAL CHIP	470	5%	1/10W	
R244	1-216-041-00	METAL CHIP	470	5%	1/10W	
R245	1-216-089-91	RES, CHIP	47K	5%	1/10W	
R246	1-216-089-91	RES, CHIP	47K	5%	1/10W	
R247	1-216-065-91	RES, CHIP	4.7K	5%	1/10W	
R248	1-216-065-91	RES, CHIP	4.7K	5%	1/10W	(S336/S345/S360/S365)
R251	1-216-097-91	RES, CHIP	100K	5%	1/10W	
R252	1-216-041-00	METAL CHIP	470	5%	1/10W	
R253	1-216-041-00	METAL CHIP	470	5%	1/10W	
R254	1-216-041-00	METAL CHIP	470	5%	1/10W	
R255	1-216-041-00	METAL CHIP	470	5%	1/10W	
R256	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R257	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R258	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R259	1-216-073-00	METAL CHIP	10K	5%	1/10W	(S560D/S570D/S745D)
R260	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W	
R263	1-216-085-00	METAL CHIP	33K	5%	1/10W	(S560D/S570D/S745D)
R264	1-216-085-00	METAL CHIP	33K	5%	1/10W	(S560D/S570D/S745D)
R266	1-216-295-91	SHORT	0 (S560D/S570D/S745D)			
R267	1-216-051-00	METAL CHIP	1.2K	5%	1/10W	(S560D/S570D/S745D)
R268	1-216-073-00	METAL CHIP	10K	5%	1/10W	(S560D/S570D/S745D)
R269	1-216-085-00	METAL CHIP	33K	5%	1/10W	(S560D/S570D/S745D)
R270	1-216-065-91	RES, CHIP	4.7K	5%	1/10W	
R271	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W	
R276	1-216-085-00	METAL CHIP	33K	5%	1/10W	(S560D/S570D/S745D)
R277	1-216-097-91	RES, CHIP	100K	5%	1/10W	(S560D/S570D/S745D)
R278	1-216-065-91	RES, CHIP	4.7K	5%	1/10W	(S560D/S570D/S745D)
R279	1-216-009-91	RES, CHIP	22	5%	1/10W	(EXCEPT S570D/S745D)
R279	1-216-295-91	SHORT	0 (S570D/S745D)			
R280	1-216-073-00	METAL CHIP	10K	5%	1/10W	(S560D/S570D/S745D)
R281	1-216-089-91	RES, CHIP	47K	5%	1/10W	
R282	1-216-085-00	METAL CHIP	33K	5%	1/10W	(S560D/S570D/S745D)
R283	1-216-097-91	RES, CHIP	100K	5%	1/10W	(S560D/S570D/S745D)
R284	1-216-073-00	METAL CHIP	10K	5%	1/10W	(S560D)
R284	1-216-077-91	RES, CHIP	15K	5%	1/10W	(S570D/S745D)
R285	1-216-085-00	METAL CHIP	33K	5%	1/10W	(S560D/S570D/S745D)
R286	1-216-025-91	RES, CHIP	100	5%	1/10W	(S560D)
R286	1-216-033-00	METAL CHIP	220	5%	1/10W	(S570D/S745D)
R287	1-216-085-00	METAL CHIP	33K	5%	1/10W	(S560D/S570D/S745D)
R288	1-216-097-91	RES, CHIP	100K	5%	1/10W	(S560D/S570D/S745D)
R289	1-216-073-00	METAL CHIP	10K	5%	1/10W	(S560D)
R289	1-216-077-91	RES, CHIP	15K	5%	1/10W	(S570D/S745D)
R290	1-216-085-00	METAL CHIP	33K	5%	1/10W	(S560D/S570D/S745D)
R291	1-216-025-91	RES, CHIP	100	5%	1/10W	(S560D)
R291	1-216-033-00	METAL CHIP	220	5%	1/10W	(S570D/S745D)
R295	1-216-295-91	SHORT	0 (S560D/S570D/S745D)			
R297	1-216-097-91	RES, CHIP	100K	5%	1/10W	(S560D/S570D/S745D)
R301	1-216-049-91	RES, CHIP	1K	5%	1/10W	(S336/S345/S360/S365/S560D)
R302	1-216-295-91	SHORT	0 (S560D/S570D/S745D)			
R303	1-216-089-91	RES, CHIP	47K	5%	1/10W	(S336/S345/S560D/S570D/S745D)
R304	1-216-025-91	RES, CHIP	100	5%	1/10W	(S560D/S570D/S745D)
R306	1-216-089-91	RES, CHIP	47K	5%	1/10W	(S560D/S570D/S745D)
R307	1-216-089-91	RES, CHIP	47K	5%	1/10W	(S336/S345/S560D/S570D/S745D)
R311	1-216-089-91	RES, CHIP	47K	5%	1/10W	(S560D/S570D/S745D)
R312	1-216-001-00	METAL CHIP	10	5%	1/10W	(S560D/S570D/S745D)
R313	1-216-089-91	RES, CHIP	47K	5%	1/10W	(S560D/S570D/S745D)

Ref. No.	Part No.	Description				Remark
R314	1-216-001-00	METAL CHIP	10	5%	1/10W	(S560D/S570D/S745D)
R316	1-216-073-00	METAL CHIP	10K	5%	1/10W	(S560D/S570D/S745D)
R318	1-216-073-00	METAL CHIP	10K	5%	1/10W	(S560D/S570D/S745D)
R321	1-216-295-91	SHORT	0 (S336/S345/S360/S365/			S560D)
R323	1-216-073-00	METAL CHIP	10K	5%	1/10W	(S560D/S570D/S745D)
R324	1-216-073-00	METAL CHIP	10K	5%	1/10W	(S336/S345/S560D/S570D/S745D)
R325	1-216-073-00	METAL CHIP	10K	5%	1/10W	(S336/S345/S560D/S570D/S745D)
R326	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	(S560D/S570D/S745D)
R327	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	(S560D/S570D/S745D)
R328	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	(S560D/S570D/S745D)
R329	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	(S560D/S570D/S745D)
R330	1-216-063-91	RES, CHIP	3.9K	5%	1/10W	(S560D/S570D/S745D)
R331	1-216-063-91	RES, CHIP	3.9K	5%	1/10W	(S560D/S570D/S745D)
R332	1-216-063-91	RES, CHIP	3.9K	5%	1/10W	(S560D/S570D/S745D)
R333	1-216-063-91	RES, CHIP	3.9K	5%	1/10W	(S560D/S570D/S745D)
R334	1-216-051-00	METAL CHIP	1.2K	5%	1/10W	(S560D/S570D/S745D)
R335	1-216-051-00	METAL CHIP	1.2K	5%	1/10W	(S560D/S570D/S745D)
R336	1-216-049-91	RES, CHIP	1K	5%	1/10W	(S560D/S570D/S745D)
R336	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	(S336/S345)
R337	1-216-049-91	RES, CHIP	1K	5%	1/10W	(S560D/S570D/S745D)
R337	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	(S336/S345)
R338	1-216-063-91	RES, CHIP	3.9K	5%	1/10W	(S560D/S570D/S745D)
R339	1-216-075-00	METAL CHIP	12K	5%	1/10W	(S560D/S570D/S745D)
R340	1-216-075-00	METAL CHIP	12K	5%	1/10W	(S336/S345/S560D/S570D/S745D)
R341	1-216-063-91	RES, CHIP	3.9K	5%	1/10W	(S560D/S570D/S745D)
R342	1-216-075-00	METAL CHIP	12K	5%	1/10W	(S560D/S570D/S745D)
R343	1-216-075-00	METAL CHIP	12K	5%	1/10W	(S560D/S570D/S745D)
R343	1-216-295-91	SHORT	0 (S336/S345)			
R344	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S560D/S570D/S745D)
R345	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S560D/S570D/S745D)
R347	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S560D/S570D/S745D)
R348	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S560D/S570D/S745D)
R349	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S560D/S570D/S745D)
R350	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S560D/S570D/S745D)
R351	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S560D/S570D/S745D)
R351	1-216-295-91	SHORT	0 (S336/S345)			
R353	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	(S336/S345/S560D/S570D/S745D)
R354	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S560D/S570D/S745D)
R355	1-216-063-91	RES, CHIP	3.9K	5%	1/10W	(S560D/S570D/S745D)
R356	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S560D/S570D/S745D)
R357	1-216-075-00	METAL CHIP	12K	5%	1/10W	(S560D/S570D/S745D)
R358	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	(S560D/S570D/S745D)
R358	1-216-295-91	SHORT	0 (S336/S345)			
R359	1-216-075-00	METAL CHIP	12K	5%	1/10W	(S336/S345/S560D/S570D/S745D)
R360	1-216-063-91	RES, CHIP	3.9K	5%	1/10W	(S560D/S570D/S745D)
R361	1-216-075-00	METAL CHIP	12K	5%	1/10W	(S560D/S570D/S745D)
R362	1-216-075-00	METAL CHIP	12K	5%	1/10W	(S560D/S570D/S745D)
R362	1-216-295-91	SHORT	0 (S336/S345)			
R363	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	(S560D/S570D/S745D)
R364	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	(S560D/S570D/S745D)
R365	1-216-089-91	RES, CHIP	47K	5%	1/10W	(S560D/S570D/S745D)
R366	1-216-089-91	RES, CHIP	47K	5%	1/10W	(S560D/S570D/S745D)
R368	1-216-295-91	SHORT	0 (S570D)			
R370	1-216-295-91	SHORT	0 (S570D)			
R371	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	(S560D/S570D/S745D)
R372	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	(S560D/S570D/S745D)
R373	1-216-097-91	RES, CHIP	100K	5%	1/10W	(S336/S345/S560D/S570D/S745D)
R374	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	(S560D/S570D/S745D)
R375	1-216-041-00	METAL CHIP	470	5%	1/10W	(S336/S345/S560D/S570D/S745D)
R376	1-216-041-00	METAL CHIP	470	5%	1/10W	(S560D/S570D/S745D)
R377	1-216-041-00	METAL CHIP	470	5%	1/10W	(S560D/S570D/S745D)
R378	1-216-041-00	METAL CHIP	470	5%	1/10W	(S560D/S570D/S745D)
R379	1-216-041-00	METAL CHIP	470	5%	1/10W	(S560D/S570D/S745D)
R380	1-216-041-00	METAL CHIP	470	5%	1/10W	(S560D/S570D/S745D)
R381	1-216-049-91	RES, CHIP	1K	5%	1/10W	
R382	1-216-295-91	SHORT	0			
R384	1-216-057-00	METAL CHIP	2.2K	5%	1/10W	
R385	1-216-033-00	METAL CHIP	220	5%	1/10W	
R386	1-216-049-91	RES, CHIP	1K	5%	1/10W	
R387	1-216-081-00	METAL CHIP	22K	5%	1/10W	(S570D/S745D)

Ref. No.	Part No.	Description			Remark
R388	1-216-073-00	METAL CHIP	10K	5%	1/10W (S570D/S745D)
R389	1-216-049-91	RES, CHIP	1K	5%	1/10W (S570D/S745D)
R390	1-216-049-91	RES, CHIP	1K	5%	1/10W (S570D)
R391	1-216-025-91	RES, CHIP	100	5%	1/10W
R392	1-216-021-00	METAL CHIP	68	5%	1/10W
R393	1-216-021-00	METAL CHIP	68	5%	1/10W (S570D/S745D)
R394	1-216-033-00	METAL CHIP	220	5%	1/10W (S336/S345/S360/S365/S560D)
R395	1-216-051-00	METAL CHIP	1.2K	5%	1/10W (S560D/S570D/S745D)
R396	1-216-051-00	METAL CHIP	1.2K	5%	1/10W (S560D/S570D/S745D)
R401	1-216-017-91	RES, CHIP	47	5%	1/10W (S336/S345/S360/S365)
R402	1-216-101-00	METAL CHIP	150K	5%	1/10W (S336/S345/S360/S365)
R403	1-216-089-91	RES, CHIP	47K	5%	1/10W (S336/S345/S360/S365)
R405	1-216-295-91	SHORT	0 (S336/S345: HK, SP/ S360: US, CND/S560D: US, CND/S570D/S745D)		
R406	1-216-295-91	SHORT	0 (S345: CH/S360: E/S365/S560D: E)		
R407	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R408	1-216-081-00	METAL CHIP	22K	5%	1/10W (S570D/S745D)
R409	1-216-295-91	SHORT	0 (S336/S345: HK, SP/ S360: US, CND/S560D: US, CND/S570D/S745D)		
R410	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R411	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R412	1-216-295-91	SHORT	0		
R413	1-216-013-00	METAL CHIP	33	5%	1/10W
R414	1-216-025-91	RES, CHIP	100	5%	1/10W
R415	1-216-295-91	SHORT	0 (S336/S345: HK, SP/ S360: US, CND/S560D: US, CND/S570D/S745D)		
R416	1-216-041-00	METAL CHIP	470	5%	1/10W (S336/S345: HK, SP/S360: US, CND/S570D/S745D)
R417	1-216-025-91	RES, CHIP	100	5%	1/10W
R418	1-216-073-00	METAL CHIP	10K	5%	1/10W
R420	1-216-063-91	RES, CHIP	3.9K	5%	1/10W
R421	1-216-063-91	RES, CHIP	3.9K	5%	1/10W
R422	1-216-073-00	METAL CHIP	10K	5%	1/10W (S570D/S745D)
R423	1-216-073-00	METAL CHIP	10K	5%	1/10W (S570D/S745D)
R424	1-216-063-91	RES, CHIP	3.9K	5%	1/10W
R426	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R427	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R428	1-216-025-91	RES, CHIP	100	5%	1/10W (S570D/S745D)
R429	1-216-025-91	RES, CHIP	100	5%	1/10W (S570D/S745D)
R430	1-216-081-00	METAL CHIP	22K	5%	1/10W (S570D)
R431	1-216-081-00	METAL CHIP	22K	5%	1/10W (S570D)
R432	1-216-073-00	METAL CHIP	10K	5%	1/10W
R433	1-216-073-00	METAL CHIP	10K	5%	1/10W (S570D)
R434	1-216-073-00	METAL CHIP	10K	5%	1/10W
R435	1-216-073-00	METAL CHIP	10K	5%	1/10W
R436	1-216-295-91	SHORT	0		
R437	1-216-049-91	RES, CHIP	1K	5%	1/10W (S570D)
R438	1-216-295-91	SHORT	0		
R439	1-216-015-00	METAL CHIP	39	5%	1/10W
R443	1-216-027-00	METAL CHIP	120	5%	1/10W (S570D/S745D)
R444	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R445	1-216-057-00	METAL CHIP	2.2K	5%	1/10W (S570D)
R449	1-216-025-91	RES, CHIP	100	5%	1/10W
R450	1-216-097-91	RES, CHIP	100K	5%	1/10W
R451	1-216-073-00	METAL CHIP	10K	5%	1/10W
R452	1-216-073-00	METAL CHIP	10K	5%	1/10W
R453	1-216-073-00	METAL CHIP	10K	5%	1/10W
R454	1-216-073-00	METAL CHIP	10K	5%	1/10W
R455	1-216-073-00	METAL CHIP	10K	5%	1/10W
R456	1-216-073-00	METAL CHIP	10K	5%	1/10W
R457	1-216-073-00	METAL CHIP	10K	5%	1/10W
R458	1-216-073-00	METAL CHIP	10K	5%	1/10W
R459	1-216-025-91	RES, CHIP	100	5%	1/10W
R460	1-216-025-91	RES, CHIP	100	5%	1/10W
R461	1-216-025-91	RES, CHIP	100	5%	1/10W
R462	1-216-025-91	RES, CHIP	100	5%	1/10W
R463	1-216-025-91	RES, CHIP	100	5%	1/10W
R464	1-216-025-91	RES, CHIP	100	5%	1/10W
R465	1-216-073-00	METAL CHIP	10K	5%	1/10W
R466	1-216-073-00	METAL CHIP	10K	5%	1/10W
R469	1-216-073-00	METAL CHIP	10K	5%	1/10W
R470	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R472	1-216-033-00	METAL CHIP	220	5%	1/10W (S560D/S570D/S745D)
R473	1-216-033-00	METAL CHIP	220	5%	1/10W (S560D/S570D/S745D)
R473	1-216-037-00	METAL CHIP	330	5%	1/10W (S336/S345/S360/S365)
R475	1-216-073-00	METAL CHIP	10K	5%	1/10W
R476	1-216-295-91	SHORT	0 (S336/S345/S360/S365/S745D)		
R477	1-216-295-91	SHORT	0		
R478	1-216-073-00	METAL CHIP	10K	5%	1/10W (S336/S345/S360/S365/S570D/S745D)
R479	1-216-073-00	METAL CHIP	10K	5%	1/10W (S336/S345/S360/S365/S560D)
R480	1-216-073-00	METAL CHIP	10K	5%	1/10W
R481	1-216-073-00	METAL CHIP	10K	5%	1/10W
R482	1-216-073-00	METAL CHIP	10K	5%	1/10W (S560D)
R483	1-216-073-00	METAL CHIP	10K	5%	1/10W
R484	1-216-073-00	METAL CHIP	10K	5%	1/10W (S570D/S745D)
R485	1-216-049-91	RES, CHIP	1K	5%	1/10W (S336/S345: HK, SP/S360: US, CND/S570D/S745D)
R485	1-216-295-91	SHORT	0 (S345: CH/S360: E/S365/S560D)		
R487	1-216-027-00	METAL CHIP	120	5%	1/10W
R489	1-216-073-00	METAL CHIP	10K	5%	1/10W
R490	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R491	1-216-063-91	RES, CHIP	3.9K	5%	1/10W
R492	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R493	1-216-081-00	METAL CHIP	22K	5%	1/10W
R494	1-216-093-91	RES, CHIP	68K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R495	1-216-093-91	RES, CHIP	68K	5%	1/10W
R496	1-216-093-91	RES, CHIP	68K	5%	1/10W
R497	1-216-093-91	RES, CHIP	68K	5%	1/10W
R498	1-216-093-91	RES, CHIP	68K	5%	1/10W
R499	1-216-093-91	RES, CHIP	68K	5%	1/10W
R557	1-216-295-91	SHORT	0 (S336/S345/S360/S365)		
R569	1-216-089-91	RES, CHIP	47K	5%	1/10W (S560D/S570D/S745D)
R571	1-216-097-91	RES, CHIP	100K	5%	1/10W (S570D/S745D)
R572	1-216-065-91	RES, CHIP	4.7K	5%	1/10W (S560D/S570D/S745D)
R573	1-216-051-00	METAL CHIP	1.2K	5%	1/10W (S560D/S570D/S745D)
R574	1-216-051-00	METAL CHIP	1.2K	5%	1/10W (S560D/S570D/S745D)
R575	1-216-051-00	METAL CHIP	1.2K	5%	1/10W (S560D/S570D/S745D)
R576	1-216-051-00	METAL CHIP	1.2K	5%	1/10W (S560D/S570D/S745D)
R579	1-216-049-91	RES, CHIP	1K	5%	1/10W (S560D/S570D/S745D)
R580	1-216-049-91	RES, CHIP	1K	5%	1/10W (S560D/S570D/S745D)
R582	1-414-766-22	INDUCTOR CHIP	0uH (S560D/S570D/S745D)		
R583	1-414-766-22	INDUCTOR CHIP	0uH (S560D/S570D/S745D)		
R584	1-414-766-22	INDUCTOR CHIP	0uH (S560D/S570D/S745D)		
R585	1-414-766-22	INDUCTOR CHIP	0uH (S560D/S570D/S745D)		
R586	1-414-766-22	INDUCTOR CHIP	0uH (S560D/S570D/S745D)		
R587	1-414-766-22	INDUCTOR CHIP	0uH (S560D/S570D/S745D)		
R606	1-216-295-91	SHORT	0		
R607	1-216-295-91	SHORT	0		
R608	1-216-295-91	SHORT	0		
R611	1-216-295-91	SHORT	0 (S336/S345/S360/S365)		
R612	1-216-295-91	SHORT	0 (S560D/S570D)		
R613	1-216-295-91	SHORT	0 (S745D)		
R614	1-216-295-91	SHORT	0 (S360: US, CND/S560D)		
R615	1-216-295-91	SHORT	0 (S336/S345)		
R616	1-216-295-91	SHORT	0 (S360: E/S365/S570D/S745D)		
		< SWITCH >			
S401	1-771-574-21	SWITCH, TACTILE (DVE) (S560D/S570D/S745D)			
S402	1-771-574-21	SWITCH, TACTILE (JOG) (S570D/S745D)			
S403	1-771-574-21	SWITCH, TACTILE (VES) (S336/S345/S360/S365)			
S403	1-771-574-21	SWITCH, TACTILE (VIRTUAL 3D SURROUND) (S560D/S570D/S745D)			
S404	1-771-574-21	SWITCH, TACTILE (PREV ⏮) (S560D)			
S405	1-771-574-21	SWITCH, TACTILE (RETURN)			
S407	1-771-574-21	SWITCH, TACTILE (NEXT ⏭) (S560D)			
S408	1-771-574-21	SWITCH, TACTILE (DISPLAY)			
S410	1-771-574-21	SWITCH, TACTILE (DVD MENU)			
S411	1-771-574-21	SWITCH, TACTILE (⏸)			
S413	1-771-574-21	SWITCH, TACTILE (TITLE)			
S414	1-771-574-21	SWITCH, TACTILE (■)			
S415	1-771-574-21	SWITCH, TACTILE (▷)			
S416	1-771-574-21	SWITCH, TACTILE (OPEN/CLOSE ⏏) (S560D)			
S417	1-771-574-21	SWITCH, TACTILE (OPEN/CLOSE ⏏) (EXCEPT S560D)			
S418	1-771-574-21	SWITCH, TACTILE (PREV ⏮) (EXCEPT S560D)			
S419	1-771-574-21	SWITCH, TACTILE (NEXT ⏭) (EXCEPT S560D)			
		< TRANSFORMER >			
T401	1-435-411-11	TRANSFORMER, DC-DC CONVERTER			
		< VIBRATOR >			
X401	1-781-853-21	VIBRATOR, CERAMIC (2MHz)			

*	A-6065-458-A	HP-127 BOARD, COMPLETE (S560D)			
*	A-6065-470-A	HP-127 BOARD, COMPLETE (S570D/S745D)			
		********** (Ref.No. 2,000 Series)			
		< CAPACITOR >			
C501	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C502	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C503	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C504	1-104-664-11	ELECT	47uF	20%	16V
		< CONNECTOR >			
CN501	1-784-642-21	CONNECTOR, BOARD TO BOARD 11P			
		< DIODE >			
D502	8-719-066-39	DIODE EB3804X-TP-J300K (MULTI)			
D503	8-719-056-06	DIODE SLR-342DCT32 (HP-V) (S570D/S745D)			
D504	8-719-071-15	DIODE HZM6.8ZWA1TL			
D506	8-719-071-15	DIODE HZM6.8ZWA1TL			
D507	8-719-800-76	DIODE MA153-TX			
		< IC >			
IC501	8-719-066-43	DIODE GP1U28Y			
		< JACK >			
J501	1-785-505-31	JACK, LARGE TYPE (PHONES) (S560D)			
J501	1-785-505-41	JACK, LARGE TYPE (PHONES) (S570D/S745D)			
		< RESISTOR >			
R502	1-216-027-00	METAL CHIP	120	5%	1/10W
R503	1-216-037-00	METAL CHIP	330	5%	1/10W (S570D/S745D)
R506	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R507	1-216-081-00	METAL CHIP	22K	5%	1/10W
R508	1-216-063-91	RES, CHIP	3.9K	5%	1/10W
R509	1-414-233-22	INDUCTOR CHIP	0uH		
R510	1-414-233-22	INDUCTOR CHIP	0uH		
R511	1-216-295-91	SHORT	0		
R513	1-216-101-00	METAL CHIP	150K	5%	1/10W
R514	1-216-017-91	RES, CHIP	47	5%	1/10W
R515	1-216-089-91	RES, CHIP	47K	5%	1/10W
R518	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
		< VARIABLE RESISTOR >			
RV501	1-227-186-11	RES, VAR, CARBON 500/500 (LEVEL)			

Ref. No.	Part No.	Description			Remark
		< SWITCH >			
S501	1-771-574-21	SWITCH, TACTILE (HP-V) (S570D/S745D)			
S502	1-771-574-21	SWITCH, TACTILE (SHUFFLE)			
S503	1-771-574-21	SWITCH, TACTILE (REPEAT)			
*	A-6065-437-A	MB-86 BOARD, COMPLETE (S360: US, CND/S365)			
*	A-6065-441-A	MB-86 BOARD, COMPLETE (S360: E)			
*	A-6065-447-A	MB-86 BOARD, COMPLETE (S336/S345: HK, SP)			
*	A-6065-457-A	MB-86 BOARD, COMPLETE (S560D: E)			
*	A-6065-460-A	MB-86 BOARD, COMPLETE (S560D: US, CND)			
*	A-6065-464-A	MB-86 BOARD, COMPLETE (S345: CH)			
*	A-6065-472-A	MB-86 BOARD, COMPLETE (S570D)			
*	A-6065-481-A	MB-86 BOARD, COMPLETE (S745D: CH)			
*	A-6065-483-A	MB-86 BOARD, COMPLETE (S745D: HK, SP, KR)			
		********** (Ref.No. 1,000 Series)			
		< CAPACITOR >			
C101	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C102	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C103	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C104	1-126-209-11	ELECT CHIP	100uF	20%	4V
C105	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C106	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C107	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C108	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C109	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C110	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C111	1-126-209-11	ELECT CHIP	100uF	20%	4V
C112	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C114	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C115	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C116	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C117	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C118	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C119	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C120	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C201	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C202	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C203	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C204	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C205	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C206	1-124-779-00	ELECT CHIP	10uF	20%	16V
C207	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C208	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C209	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C210	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C211	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C212	1-124-779-00	ELECT CHIP	10uF	20%	16V
C213	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C214	1-164-172-11	CERAMIC CHIP	0.0056uF	10%	25V
C215	1-164-739-11	CERAMIC CHIP	560PF	5%	50V
C216	1-164-172-11	CERAMIC CHIP	0.0056uF	10%	25V
C217	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C218	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C219	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C221	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C222	1-164-730-11	CERAMIC CHIP	0.0012uF	10%	50V
C223	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C224	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C225	1-164-217-11	CERAMIC CHIP	150PF	5%	50V
C226	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C227	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C228	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C229	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C230	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C231	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C232	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C233	1-124-779-00	ELECT CHIP	10uF	20%	16V
C234	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C235	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C236	1-164-739-11	CERAMIC CHIP	560PF	5%	50V
C237	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C238	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C239	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V
C301	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V
C302	1-126-209-11	ELECT CHIP	100uF	20%	4V
C303	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C304	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C305	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C306	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C307	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C308	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C309	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C310	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C311	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C312	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C313	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C314	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C315	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C316	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C317	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C318	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C319	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C320	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C321	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C322	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C324	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C325	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C326	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C327	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C328	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C329	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C330	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C331	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C332	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C401	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C405	1-126-204-11	ELECT CHIP	47uF	20%	16V
C407	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C408	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C409	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C410	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C411	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C412	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V
C413	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C414	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C415	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C416	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description			Remark
C417	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C418	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C419	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V
C420	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C421	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C422	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C423	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C424	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C425	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C426	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C427	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C428	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C429	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C430	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C431	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C433	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C434	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C435	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C436	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C437	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C438	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C439	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C440	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C441	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C442	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C443	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C444	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C445	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C446	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C447	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C448	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C449	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C450	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C451	1-126-204-11	ELECT CHIP	47uF	20%	16V
C452	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C453	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C454	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C455	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C456	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C457	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C458	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C459	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C460	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C462	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C463	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C465	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C466	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C501	1-124-779-00	ELECT CHIP	10uF	20%	16V
C502	1-124-779-00	ELECT CHIP	10uF	20%	16V
C503	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C504	1-124-779-00	ELECT CHIP	10uF	20%	16V
C505	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C506	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C507	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C508	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C509	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C510	1-124-779-00	ELECT CHIP	10uF	20%	16V
C511	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C512	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C513	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C514	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C515	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C516	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C517	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C518	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C519	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C520	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C521	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C522	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C523	1-126-246-11	ELECT CHIP	220uF	20%	4V
C524	1-126-204-11	ELECT CHIP	47uF	20%	16V
C525	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C528	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C529	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C530	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C531	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C532	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C533	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C534	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C535	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C536	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C537	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C538	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C539	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C540	1-126-193-11	ELECT CHIP	1uF	20%	50V
C541	1-124-779-00	ELECT CHIP	10uF	20%	16V
C542	1-107-826-91	CERAMIC CHIP	0.1uF	10%	16V
C601	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C602	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C603	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C604	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C701	1-126-209-11	ELECT CHIP	100uF	20%	4V (S560D/S570D/S745D)
C702	1-126-209-11	ELECT CHIP	100uF	20%	4V (S560D/S570D/S745D)
C703	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C704	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C705	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C706	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C707	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C708	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C709	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C710	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C711	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C712	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C713	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)
C714	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (S560D/S570D/S745D)

Ref. No.	Part No.	Description	Remark
C715	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S560D/S570D/S745D)
C716	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S560D/S570D/S745D)
C717	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S560D/S570D/S745D)
C718	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S560D/S570D/S745D)
C719	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S560D/S570D/S745D)
C720	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S560D/S570D/S745D)
C721	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S560D/S570D/S745D)
C722	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S560D/S570D/S745D)
C723	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S560D/S570D/S745D)
C801	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S570D/S745D)
C802	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S570D/S745D)
C803	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S570D/S745D)
C804	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S570D/S745D)
C805	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S570D/S745D)
C806	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	(S570D/S745D)
		< CONNECTOR >	
* CN102	1-764-250-11	PIN, CONNECTOR (PC BOARD) 4P	
CN201	1-764-530-21	CONNECTOR, FFC/FPC (ZIF) 23P	
CN202	1-566-529-11	CONNECTOR, FPC (ZIF) 13P	
CN401	1-794-234-11	CONNECTOR, FFC/FPC 6P	
CN402	1-779-993-11	PIN, CONNECTOR (PWB) 5P	
CN501	1-794-324-11	CONNECTOR, BOARD TO BOARD 34P	
CN701	1-794-324-11	CONNECTOR, BOARD TO BOARD 34P	
		< DIODE >	
D101	8-719-071-34	DIODE RB521S-30-TE61	
D201	8-719-988-61	DIODE 1SS355TE-17	
		< FUSE >	
⚠F401	1-533-771-21	FUSE (SMD) (0.8A)	
⚠F402	1-533-771-21	FUSE (SMD) (0.8A)	
		< FERRITE BEAD >	
FB102	1-414-226-21	INDUCTOR CHIP 0uH	
FB103	1-414-226-21	INDUCTOR CHIP 0uH	(S560D/S570D/S745D)
FB104	1-414-226-21	INDUCTOR CHIP 0uH	
FB105	1-414-226-21	INDUCTOR CHIP 0uH	
FB106	1-414-226-21	INDUCTOR CHIP 0uH	(S560D/S570D/S745D)
FB107	1-414-226-21	INDUCTOR CHIP 0uH	
FB109	1-414-226-21	INDUCTOR CHIP 0uH	
FB110	1-414-226-21	INDUCTOR CHIP 0uH	
FB111	1-414-226-21	INDUCTOR CHIP 0uH	(S560D/S570D/S745D)
FB117	1-414-226-21	INDUCTOR CHIP 0uH	(S570D/S745D)

Ref. No.	Part No.	Description	Remark
FB501	1-469-324-21	FERRITE 0uH	
FB502	1-469-324-21	FERRITE 0uH	
FB503	1-469-324-21	FERRITE 0uH	
FB504	1-469-324-21	FERRITE 0uH	
FB505	1-469-324-21	FERRITE 0uH	
FB506	1-469-324-21	FERRITE 0uH	
FB507	1-469-324-21	FERRITE 0uH	
FB508	1-216-797-11	METAL CHIP 10 5% 1/16W	
FB509	1-414-226-21	INDUCTOR CHIP 0uH	(S560D/S570D/S745D)
		< FILTER >	
FL101	1-234-177-21	FILTER, CHIP EMI	
FL102	1-234-177-21	FILTER, CHIP EMI	
FL103	1-234-177-21	FILTER, CHIP EMI	
FL201	1-234-177-21	FILTER, CHIP EMI	
FL301	1-234-177-21	FILTER, CHIP EMI	
FL302	1-234-177-21	FILTER, CHIP EMI	
FL303	1-234-177-21	FILTER, CHIP EMI	
FL402	1-234-177-21	FILTER, CHIP EMI	
FL501	1-234-177-21	FILTER, CHIP EMI	
FL502	1-234-177-21	FILTER, CHIP EMI	
FL503	1-234-177-21	FILTER, CHIP EMI	
FL504	1-234-177-21	FILTER, CHIP EMI	
FL505	1-234-177-21	FILTER, CHIP EMI	
FL506	1-234-177-21	FILTER, CHIP EMI	
FL507	1-233-893-21	FILTER, CHIP EMI	
FL508	1-234-177-21	FILTER, CHIP EMI	
FL601	1-234-177-21	FILTER, CHIP EMI	(S560D/S570D/S745D)
FL801	1-234-177-21	FILTER, CHIP EMI	(S570D/S745D)
		< IC >	
IC101	8-759-667-20	IC BR9080F-E2	(S336/S345/S360/S365)
IC101	8-759-667-21	IC BR9160F-E2	(S560D)
IC101	8-759-668-01	IC BR9040F-D-E2	(S570D/S745D)
IC102	8-759-663-92	IC MB91107PFV-G-BND	
IC103	8-759-427-92	IC PST9126NL	
IC105	8-759-667-86	IC CXD9572N-E2	
IC201	8-759-567-24	IC SSI33P3722	
IC301	8-759-486-55	IC NJM2370U33-TE2	
IC302	8-759-666-84	IC CXD9576R	
IC303	8-759-643-10	IC GM71V18160CT-6TR	
IC401	8-759-660-88	IC LA6553-TE-L	
IC402	8-759-660-88	IC LA6553-TE-L	
IC403	8-759-338-78	IC BA10324AFV-E2	
IC404	8-759-660-87	IC CXD9569R	
IC502	8-752-399-55	IC CXD1932Q	
IC503	8-759-486-55	IC NJM2370U33-TE2	
IC504	8-759-573-19	IC MT48LC1M16A1TG-7S	
IC505	8-759-573-19	IC MT48LC1M16A1TG-7S	
IC506	8-759-669-28	IC PQ1R18	
IC601	8-759-663-93	IC CXD9549R	(S560D/S570D/S745D)
IC701	8-752-402-09	IC CXD1939R	(S560D/S570D/S745D)
IC801	8-759-670-52	IC CXD9547Q-TE-B	(S570D/S745D)
IC802	8-759-641-58	IC KM29W16000AT-T	(S570D/S745D)
		< COIL >	
L201	1-412-031-11	INDUCTOR (CHIP) 47uH	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remark
		< TRANSISTOR >			
Q201	8-729-820-86	TRANSISTOR 2SB1121-T-TD			
Q203	8-729-402-42	TRANSISTOR UN5213-TX			
		< RESISTOR >			
R002	1-216-801-11	METAL CHIP	22	5%	1/16W
R009	1-216-821-11	METAL CHIP	1K	5%	1/16W
R012	1-216-833-91	RES, CHIP	10K	5%	1/16W
R013	1-216-833-91	RES, CHIP	10K	5%	1/16W
R014	1-216-805-11	METAL CHIP	47	5%	1/16W
R015	1-216-809-11	METAL CHIP	100	5%	1/16W
R016	1-216-821-11	METAL CHIP	1K	5%	1/16W
R017	1-216-821-11	METAL CHIP	1K	5%	1/16W
R019	1-216-817-11	METAL CHIP	470	5%	1/16W
R020	1-216-295-91	SHORT	0		
R021	1-216-296-91	SHORT	0		
R041	1-216-797-11	METAL CHIP	10	5%	1/16W
R042	1-216-797-11	METAL CHIP	10	5%	1/16W
R101	1-216-833-91	RES, CHIP	10K	5%	1/16W
R102	1-216-833-91	RES, CHIP	10K	5%	1/16W
R104	1-216-801-11	METAL CHIP	22	5%	1/16W
R105	1-216-797-11	METAL CHIP	10	5%	1/16W
R114	1-216-845-11	METAL CHIP	100K	5%	1/16W
R118	1-216-833-91	RES, CHIP	10K	5%	1/16W
R120	1-216-833-91	RES, CHIP	10K	5%	1/16W
R121	1-216-864-11	METAL CHIP	0	5%	1/16W
R123	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R124	1-216-081-00	METAL CHIP	22K	5%	1/10W
					(S336/S345: HK, SP/S745D: HK, SP, KR)
R124	1-216-085-00	METAL CHIP	33K	5%	1/10W
					(S345: CH/S745D: CH)
R124	1-216-105-91	RES, CHIP	220K	5%	1/10W
					(S360: E/S560D: E)
R125	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R126	1-216-105-91	RES, CHIP	220K	5%	1/10W
					(S570D/S745D)
R126	1-216-113-00	METAL CHIP	470K	5%	1/10W
					(S560D)
R127	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R128	1-216-089-91	RES, CHIP	47K	5%	1/10W
					(S345: CH/S745D: CH)
R128	1-216-099-00	METAL CHIP	120K	5%	1/10W
					(S360: E/S560D: E)
R128	1-216-105-91	RES, CHIP	220K	5%	1/10W
					(S336/S345: HK, SP/S745D: HK, SP, KR)
R129	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R130	1-216-833-91	RES, CHIP	10K	5%	1/16W
R131	1-216-833-91	RES, CHIP	10K	5%	1/16W
R136	1-216-833-91	RES, CHIP	10K	5%	1/16W
R138	1-216-797-11	METAL CHIP	10	5%	1/16W
R139	1-216-797-11	METAL CHIP	10	5%	1/16W
R140	1-216-797-11	METAL CHIP	10	5%	1/16W
R154	1-216-864-11	METAL CHIP	0	5%	1/16W
R158	1-216-797-11	METAL CHIP	10	5%	1/16W
R159	1-216-821-11	METAL CHIP	1K	5%	1/16W
R161	1-216-833-91	RES, CHIP	10K	5%	1/16W
R164	1-216-821-11	METAL CHIP	1K	5%	1/16W
R166	1-216-833-91	RES, CHIP	10K	5%	1/16W
R167	1-216-833-91	RES, CHIP	10K	5%	1/16W
R168	1-216-833-91	RES, CHIP	10K	5%	1/16W
R169	1-216-833-91	RES, CHIP	10K	5%	1/16W
R170	1-216-833-91	RES, CHIP	10K	5%	1/16W
R171	1-216-833-91	RES, CHIP	10K	5%	1/16W
					(S336/S345/S360/S365/S570D/S745D)
R172	1-216-833-91	RES, CHIP	10K	5%	1/16W
R173	1-216-833-91	RES, CHIP	10K	5%	1/16W
R174	1-216-833-91	RES, CHIP	10K	5%	1/16W
R175	1-216-833-91	RES, CHIP	10K	5%	1/16W
R176	1-216-833-91	RES, CHIP	10K	5%	1/16W
R183	1-216-833-91	RES, CHIP	10K	5%	1/16W
R184	1-216-801-11	METAL CHIP	22	5%	1/16W
R186	1-216-864-11	METAL CHIP	0	5%	1/16W
					(S560D/S570D/S745D)
R187	1-216-833-91	RES, CHIP	10K	5%	1/16W
					(S560D/S570D/S745D)
R188	1-216-833-91	RES, CHIP	10K	5%	1/16W
R190	1-216-833-91	RES, CHIP	10K	5%	1/16W
R191	1-216-833-91	RES, CHIP	10K	5%	1/16W
R195	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R201	1-216-815-11	METAL CHIP	330	5%	1/16W
R202	1-216-809-11	METAL CHIP	100	5%	1/16W
R203	1-216-809-11	METAL CHIP	100	5%	1/16W
R204	1-216-837-11	METAL CHIP	22K	5%	1/16W
R206	1-216-803-11	METAL CHIP	33	5%	1/16W
R207	1-216-803-11	METAL CHIP	33	5%	1/16W
R208	1-216-841-11	METAL CHIP	47K	5%	1/16W
R209	1-216-797-11	METAL CHIP	10	5%	1/16W
R210	1-216-820-11	METAL CHIP	820	5%	1/16W
R211	1-216-811-11	METAL CHIP	150	5%	1/16W
R214	1-216-834-11	METAL CHIP	12K	5%	1/16W
R215	1-216-813-11	METAL CHIP	220	5%	1/16W
R217	1-216-861-11	METAL CHIP	2.2M	5%	1/16W
R222	1-216-833-91	RES, CHIP	10K	5%	1/16W
R223	1-216-833-91	RES, CHIP	10K	5%	1/16W
R224	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R225	1-216-833-91	RES, CHIP	10K	5%	1/16W
R301	1-218-879-11	METAL CHIP	22K	0.5%	1/16W
R302	1-218-831-11	METAL CHIP	220	0.5%	1/16W
R303	1-218-883-11	METAL CHIP	33K	0.5%	1/16W
R304	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R305	1-216-838-11	METAL CHIP	27K	5%	1/16W
R306	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R307	1-216-822-11	METAL CHIP	1.2K	5%	1/16W
R309	1-216-809-11	METAL CHIP	100	5%	1/16W
R310	1-216-833-91	RES, CHIP	10K	5%	1/16W
R311	1-216-845-11	METAL CHIP	100K	5%	1/16W
R313	1-218-855-11	METAL CHIP	2.2K	0.5%	1/16W
R314	1-218-847-11	METAL CHIP	1K	0.5%	1/16W
R315	1-218-871-11	METAL CHIP	10K	0.5%	1/16W
R316	1-218-871-11	METAL CHIP	10K	0.5%	1/16W
R317	1-216-833-91	RES, CHIP	10K	5%	1/16W
R318	1-216-833-91	RES, CHIP	10K	5%	1/16W
R319	1-218-853-11	METAL CHIP	1.8K	0.5%	1/16W
R320	1-216-833-91	RES, CHIP	10K	5%	1/16W
R321	1-216-813-11	METAL CHIP	220	5%	1/16W
R327	1-216-809-11	METAL CHIP	100	5%	1/16W
R338	1-216-801-11	METAL CHIP	22	5%	1/16W
R401	1-216-833-91	RES, CHIP	10K	5%	1/16W
R402	1-216-833-91	RES, CHIP	10K	5%	1/16W
R403	1-216-833-91	RES, CHIP	10K	5%	1/16W
R404	1-216-821-11	METAL CHIP	1K	5%	1/16W

Ref. No.	Part No.	Description			Remark
R405	1-216-821-11	METAL CHIP	1K	5%	1/16W
R406	1-216-821-11	METAL CHIP	1K	5%	1/16W
R407	1-216-797-11	METAL CHIP	10	5%	1/16W
R408	1-216-311-00	METAL CHIP	6.8	5%	1/10W
R409	1-216-797-11	METAL CHIP	10	5%	1/16W
R411	1-216-835-11	METAL CHIP	15K	5%	1/16W
R412	1-216-797-11	METAL CHIP	10	5%	1/16W
R415	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R416	1-216-847-11	METAL CHIP	150K	5%	1/16W
R417	1-216-843-11	METAL CHIP	68K	5%	1/16W
R418	1-216-847-11	METAL CHIP	150K	5%	1/16W
R419	1-216-835-11	METAL CHIP	15K	5%	1/16W
R420	1-216-835-11	METAL CHIP	15K	5%	1/16W
R421	1-216-836-11	METAL CHIP	18K	5%	1/16W
R422	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R423	1-216-833-91	RES, CHIP	10K	5%	1/16W
R424	1-216-844-11	METAL CHIP	82K	5%	1/16W
R425	1-216-845-11	METAL CHIP	100K	5%	1/16W
R426	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R427	1-216-835-11	METAL CHIP	15K	5%	1/16W
R428	1-216-841-11	METAL CHIP	47K	5%	1/16W
R429	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R436	1-216-833-91	RES, CHIP	10K	5%	1/16W
R443	1-216-844-11	METAL CHIP	82K	5%	1/16W
R444	1-216-843-11	METAL CHIP	68K	5%	1/16W
R445	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R446	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R447	1-216-835-11	METAL CHIP	15K	5%	1/16W
R448	1-216-835-11	METAL CHIP	15K	5%	1/16W
R449	1-216-832-11	METAL CHIP	8.2K	5%	1/16W
R450	1-216-833-91	RES, CHIP	10K	5%	1/16W
R451	1-216-821-11	METAL CHIP	1K	5%	1/16W
R452	1-216-797-11	METAL CHIP	10	5%	1/16W
R454	1-216-311-00	METAL CHIP	6.8	5%	1/10W
R458	1-216-833-91	RES, CHIP	10K	5%	1/16W
R459	1-216-833-91	RES, CHIP	10K	5%	1/16W
R460	1-216-845-11	METAL CHIP	100K	5%	1/16W
R463	1-216-821-11	METAL CHIP	1K	5%	1/16W
R464	1-218-899-11	METAL CHIP	150K	0.5%	1/16W
R465	1-216-821-11	METAL CHIP	1K	5%	1/16W
R466	1-216-821-11	METAL CHIP	1K	5%	1/16W
R467	1-216-821-11	METAL CHIP	1K	5%	1/16W
R468	1-216-821-11	METAL CHIP	1K	5%	1/16W
R469	1-218-889-11	METAL CHIP	56K	0.5%	1/16W
R470	1-218-850-11	METAL CHIP	1.3K	0.5%	1/16W
R471	1-218-899-11	METAL CHIP	150K	0.5%	1/16W
R472	1-218-847-11	METAL CHIP	1K	0.5%	1/16W
R473	1-218-850-11	METAL CHIP	1.3K	0.5%	1/16W
R474	1-218-889-11	METAL CHIP	56K	0.5%	1/16W
R475	1-216-797-11	METAL CHIP	10	5%	1/16W
R476	1-216-813-11	METAL CHIP	220	5%	1/16W
R477	1-216-821-11	METAL CHIP	1K	5%	1/16W
R478	1-216-836-11	METAL CHIP	18K	5%	1/16W
R479	1-216-836-11	METAL CHIP	18K	5%	1/16W
R480	1-216-824-11	METAL CHIP	1.8K	5%	1/16W
R481	1-216-824-11	METAL CHIP	1.8K	5%	1/16W
R482	1-216-803-11	METAL CHIP	33	5%	1/16W
R483	1-216-834-11	METAL CHIP	12K	5%	1/16W
R484	1-216-834-11	METAL CHIP	12K	5%	1/16W
R485	1-216-817-11	METAL CHIP	470	5%	1/16W

Ref. No.	Part No.	Description			Remark
R486	1-218-847-11	METAL CHIP	1K	0.5%	1/16W
R487	1-218-847-11	METAL CHIP	1K	0.5%	1/16W
R488	1-218-847-11	METAL CHIP	1K	0.5%	1/16W
R489	1-218-847-11	METAL CHIP	1K	0.5%	1/16W
R490	1-216-817-11	METAL CHIP	470	5%	1/16W
R491	1-216-821-11	METAL CHIP	1K	5%	1/16W
R492	1-216-817-11	METAL CHIP	470	5%	1/16W
R493	1-216-817-11	METAL CHIP	470	5%	1/16W
R494	1-216-817-11	METAL CHIP	470	5%	1/16W
R495	1-216-797-11	METAL CHIP	10	5%	1/16W
R496	1-216-821-11	METAL CHIP	1K	5%	1/16W
R497	1-216-821-11	METAL CHIP	1K	5%	1/16W
R501	1-216-809-11	METAL CHIP	100	5%	1/16W
R502	1-216-833-91	RES, CHIP	10K	5%	1/16W
R503	1-218-831-11	METAL CHIP	220	0.5%	1/16W
R504	1-218-831-11	METAL CHIP	220	0.5%	1/16W
R505	1-218-831-11	METAL CHIP	220	0.5%	1/16W
R506	1-218-831-11	METAL CHIP	220	0.5%	1/16W
R507	1-218-831-11	METAL CHIP	220	0.5%	1/16W
R508	1-218-831-11	METAL CHIP	220	0.5%	1/16W
R517	1-216-833-91	RES, CHIP	10K	5%	1/16W
R518	1-216-822-11	METAL CHIP	1.2K	5%	1/16W
R526	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R527	1-216-864-11	METAL CHIP	0	5%	1/16W
R529	1-216-833-91	RES, CHIP	10K	5%	1/16W
R530	1-216-833-91	RES, CHIP	10K	5%	1/16W
R540	1-216-864-11	METAL CHIP	0	5%	1/16W
R542	1-216-864-11	METAL CHIP	0	5%	1/16W
R603	1-216-809-11	METAL CHIP	100	5%	1/16W
					(S560D/S570D/S745D)
R605	1-216-864-11	METAL CHIP	0	5%	1/16W
					(S560D/S570D/S745D)
R701	1-216-864-11	METAL CHIP	0	5%	1/16W
					(S336/S345/S360/S365)
R702	1-216-864-11	METAL CHIP	0	5%	1/16W
					(S560D/S570D/S745D)
R708	1-216-864-11	METAL CHIP	0	5%	1/16W
					(S560D/S570D/S745D)
R710	1-216-864-11	METAL CHIP	0	5%	1/16W
					(S560D/S570D/S745D)
R711	1-216-864-11	METAL CHIP	0	5%	1/16W
					(S560D/S570D/S745D)
R712	1-216-833-91	RES, CHIP	10K	5%	1/16W
					(S560D/S570D/S745D)
R714	1-216-841-11	METAL CHIP	47K	5%	1/16W
					(S560D/S570D/S745D)
R715	1-216-841-11	METAL CHIP	47K	5%	1/16W
					(S560D/S570D/S745D)
R719	1-216-841-11	METAL CHIP	47K	5%	1/16W
					(S560D/S570D/S745D)
R720	1-216-841-11	METAL CHIP	47K	5%	1/16W
					(S560D/S570D/S745D)
R721	1-216-841-11	METAL CHIP	47K	5%	1/16W
					(S560D/S570D/S745D)
R722	1-216-841-11	METAL CHIP	47K	5%	1/16W
					(S560D/S570D/S745D)
R723	1-216-809-11	METAL CHIP	100	5%	1/16W
					(S560D/S570D/S745D)
R724	1-216-841-11	METAL CHIP	47K	5%	1/16W
					(S560D/S570D/S745D)
R725	1-216-841-11	METAL CHIP	47K	5%	1/16W
					(S560D/S570D/S745D)

MB-86 | MS-48 | POWER BLOCK

Ref. No.	Part No.	Description				Remark
R727	1-216-841-11	METAL CHIP	47K	5%	1/16W	(S560D/S570D/S745D)
R728	1-216-841-11	METAL CHIP	47K	5%	1/16W	(S560D/S570D/S745D)
R729	1-216-841-11	METAL CHIP	47K	5%	1/16W	(S560D/S570D/S745D)
R731	1-216-864-11	METAL CHIP	0	5%	1/16W	(S560D/S570D/S745D)
R733	1-216-841-11	METAL CHIP	47K	5%	1/16W	(S560D/S570D/S745D)
R750	1-216-864-11	METAL CHIP	0	5%	1/16W	(S336/S345/S360/S365)
R751	1-216-864-11	METAL CHIP	0	5%	1/16W	(S336/S345/S360/S365)
R752	1-216-864-11	METAL CHIP	0	5%	1/16W	(S336/S345/S360/S365)
R753	1-216-864-11	METAL CHIP	0	5%	1/16W	(S336/S345/S360/S365)
R754	1-216-864-11	METAL CHIP	0	5%	1/16W	(S336/S345/S360/S365)
R755	1-216-864-11	METAL CHIP	0	5%	1/16W	(S336/S345/S360/S365)
R766	1-414-226-21	INDUCTOR CHIP	0uH			
R767	1-414-226-21	INDUCTOR CHIP	0uH			
R771	1-216-864-11	METAL CHIP	0	5%	1/16W	
R772	1-216-864-11	METAL CHIP	0	5%	1/16W	(S560D/S570D/S745D)
R774	1-216-864-11	METAL CHIP	0	5%	1/16W	(S560D/S570D/S745D)
R781	1-216-864-11	METAL CHIP	0	5%	1/16W	(S560D/S570D/S745D)
R785	1-216-864-11	METAL CHIP	0	5%	1/16W	(S336/S345/S360/S365)
R801	1-216-833-91	RES, CHIP	10K	5%	1/16W	(S570D/S745D)
R808	1-216-809-11	METAL CHIP	100	5%	1/16W	(S570D/S745D)
		< COMPOSITION CIRCUIT BLOCK >				
* RB101	1-233-270-11	NETWORK, RES (8 GANG) 10K				
* RB102	1-233-270-11	NETWORK, RES (8 GANG) 10K				
		< VARIABLE RESISTOR >				
RV501	1-223-583-11	RES, ADJ, CARBON 1K				
		< VIBRATOR >				
X101	1-781-185-21	VIBRATOR, CERAMIC (12.5MHz)				
X102	1-781-867-21	VIBRATOR, CRYSTAL (27MHz)				

Ref. No.	Part No.	Description				Remark
*	A-6066-016-A	MS-48 BOARD, COMPLETE				
		**********				(Ref.No. 2,000 Series)
		< CONNECTOR >				
CN001	1-794-197-11	CONNECTOR, FFC/FPC 6P				
		< SWITCH >				
S001	1-771-562-11	SWITCH, LEVER (CHUCK SENSOR)				
S002	1-762-386-11	SWITCH, PUSH (TRAY SENSOR)				

Ref. No.	Part No.	Description				Remark
*	1-468-506-31	POWER BLOCK (HS16S9E)				(S336/S345: HK, SP/S745D)
		**********				(Ref.No. 3,000 Series)
		< CAPACITOR >				
C211	1-107-895-11	ELECT	330uF		35V	
C213	1-126-947-11	ELECT	47uF		35V	
C301	1-126-960-11	ELECT	1uF		50V	
C311	1-107-895-11	ELECT	330uF		35V	
C313	1-126-947-11	ELECT	47uF		35V	
C315	1-126-947-11	ELECT	47uF		35V	
C511	1-107-911-11	ELECT	220uF		35V	
C513	1-126-947-11	ELECT	47uF		35V	
C611	1-107-895-11	ELECT	330uF		35V	
C613	1-126-948-11	ELECT	100uF		35V	
		< DIODE >				
D101	9-885-000-79	DIODE S1WBA60				
D102	8-719-160-78	DIODE RD24FB2				
D104	8-719-983-00	DIODE MTZJ-T-77-2.4B				
D105	8-719-991-33	DIODE 1SS133T-77				
D211	8-719-027-43	DIODE S2L20U				
D212	8-719-160-87	DIODE RD33FB2				
D311	8-719-018-83	DIODE D2S4M				
D315	8-719-991-33	DIODE 1SS133T-77				
D511	8-719-027-43	DIODE S2L20U				
D611	8-719-500-50	DIODE D3S4M				
D613	8-719-991-33	DIODE 1SS133T-77				
D615	8-719-064-11	DIODE SPR-325MVW (ON/STANDBY)				
		< FUSE >				
⚠F101	1-532-388-31	FUSE (T2AL/250V)				
		< IC >				
IC301	8-759-420-19	IC AN1431T				
		< IC LINK >				
⚠P611	1-533-593-11	LINK, IC (2A)				
⚠P612	1-533-593-11	LINK, IC (2A)				
		< PHOTO COUPLER >				
⚠PC101	8-749-011-50	PHOTO COUPLER PS2561L1-1-V-Q				
		< TRANSISTOR >				
Q102	8-729-024-00	TRANSISTOR 2SC3377				
Q312	8-729-901-41	TRANSISTOR 2SC1740S				
Q611	8-729-921-42	TRANSISTOR 2SA1679				
Q615	8-729-029-46	TRANSISTOR DTA143ESA				
Q621	8-729-029-68	TRANSISTOR DTC114TSA				
Q711	8-729-029-46	TRANSISTOR DTA143ESA				
		< RESISTOR >				
R101	1-129-774-11	CARBON	1M	1/2W		
R105	1-129-774-11	CARBON	1M	1/2W		
R306	1-247-835-11	METAL	1.5K	1/4W		

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Ref. No.	Part No.	Description		Remark
*	1-468-506-11	POWER BLOCK (HS16S9F) (S345: CH/S360: E/S365/S560D: E) ********** (Ref.No. 4,000 Series)		
		< CAPACITOR >		
C131	1-104-668-11	ELECT	33uF	35V
C132	1-126-960-11	ELECT	1uF	50V
C211	1-107-895-11	ELECT	330uF	35V
C213	1-126-947-11	ELECT	47uF	35V
C401	1-107-911-11	ELECT	220uF	35V
C402	1-126-959-11	ELECT	0.47uF	50V
C413	1-126-947-11	ELECT	47uF	35V
C511	1-107-911-11	ELECT	220uF	35V
C512	1-126-947-11	ELECT	47uF	35V
C613	1-126-947-11	ELECT	47uF	35V
C701	1-126-960-11	ELECT	1uF	50V
C703	1-126-960-11	ELECT	1uF	50V
C711	1-107-895-11	ELECT	330uF	35V
C713	1-126-948-11	ELECT	100uF	35V
		< DIODE >		
D101	9-885-000-79	DIODE	S1WBA60	
D102	8-719-160-78	DIODE	RD24FB2	
D104	8-719-983-03	DIODE	MTZJ-T-77-2.7B	
D105	8-719-991-33	DIODE	1SS133T-77	
D131	8-719-991-33	DIODE	1SS133T-77	
D132	8-719-924-13	DIODE	MTZJ-T-77-22B	
D135	8-719-030-24	DIODE	EG01C	
D211	8-719-027-43	DIODE	S2L20UF	
D212	8-719-160-87	DIODE	RD33FB2	
D401	8-719-018-83	DIODE	D2S4M	
D511	8-719-027-43	DIODE	S2L20UF	
D615	8-719-064-11	DIODE	SPR-325MVW (ON/STANDBY)	
D711	8-719-500-50	DIODE	D3S4M	
		< FUSE >		
⚠F101	1-532-503-31	FUSE (T1.6AL/250V)		
		< IC >		
IC401	8-759-420-19	IC	AN1431T	
IC611	8-759-191-58	IC	AN77L035	
IC701	8-759-667-11	IC	HA17L431P-TZ	
		< IC LINK >		
⚠P711	1-533-593-11	LINK, IC (2A)		
		< PHOTO COUPLER >		
⚠PC101	8-749-011-50	PHOTO COUPLER	PS2561L1-1-V-Q	
⚠PC102	8-749-011-50	PHOTO COUPLER	PS2561L1-1-V-Q	
⚠PC103	8-749-011-50	PHOTO COUPLER	PS2561L1-1-V-Q	
		< TRANSISTOR >		
Q102	8-729-023-98	TRANSISTOR	2SC3377-Q	
Q615	8-729-029-46	TRANSISTOR	DTA143ESA	
Q621	8-729-029-68	TRANSISTOR	DTC114TSA	
Q711	8-729-029-46	TRANSISTOR	DTA143ESA	
		< RESISTOR >		
R101	1-219-774-11	CARBON	1M	1/2W
R104	1-219-777-11	CARBON	3.3M	1/2W

Ref. No.	Part No.	Description		Remark
*	1-468-506-21	POWER BLOCK (HS16S9U) (S360: US, CND) ********** (Ref.No. 5,000 Series)		
		< CAPACITOR >		
C211	1-107-895-11	ELECT	330uF	35V
C213	1-126-947-11	ELECT	47uF	35V
C301	1-126-960-11	ELECT	1uF	50V
C311	1-107-895-11	ELECT	330uF	35V
C313	1-126-947-11	ELECT	47uF	35V
C315	1-126-947-11	ELECT	47uF	35V
C511	1-107-911-11	ELECT	220uF	35V
C513	1-126-947-11	ELECT	47uF	35V
C611	1-107-895-11	ELECT	330uF	35V
C613	1-126-948-11	ELECT	100uF	35V
		< DIODE >		
D101	9-885-000-79	DIODE	S1WBA60	
D104	8-719-983-00	DIODE	MTZJ-T-77-2.4B	
D105	8-719-991-33	DIODE	1SS133T-77	
D211	8-719-027-43	DIODE	S2L20U	
D212	8-719-160-87	DIODE	RD33FB2	
D311	8-719-018-83	DIODE	D2S4M	
D315	8-719-991-33	DIODE	1SS133T-77	
D511	8-719-032-12	DIODE	D1NS6	
D611	8-719-500-50	DIODE	D3S4M	
D613	8-719-991-33	DIODE	1SS133T-77	
D615	8-719-064-11	DIODE	SPR-325MVW (ON/STANDBY)	
		< FUSE >		
⚠F101	1-532-388-31	FUSE (2.0A/125V)		
		< IC >		
IC301	8-759-420-19	IC	AN1431T	
		< IC LINK >		
⚠P611	1-532-593-11	LINK, IC (2A)		
⚠P612	1-532-593-11	LINK, IC (2A)		
		< PHOTO COUPLER >		
⚠PC101	8-749-923-91	PHOTO COUPLER	PS2501	
		< TRANSISTOR >		
Q102	8-729-024-00	TRANSISTOR	2SC3377	
Q312	8-729-901-41	TRANSISTOR	2SC1740S	
Q611	8-729-921-42	TRANSISTOR	2SA1679	
Q615	8-729-029-46	TRANSISTOR	DTA143ESA	
Q621	8-729-029-68	TRANSISTOR	DTC114TSA	
Q711	8-729-029-46	TRANSISTOR	DTA143ESA	

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POWER BLOCK

Ref. No.	Part No.	Description		Remark
*	1-468-505-11	POWER BLOCK (SRV940JUC) (S560D: US, CND/S570D) ********** (Ref.No. 6,000 Series)		
		< CAPACITOR >		
C114	1-126-947-11	ELECT	47uF	35V
C201	1-126-941-11	ELECT	470uF	25V
C202	1-104-665-11	ELECT	100uF	25V
C203	1-126-925-11	ELECT	470uF	10V
C204	1-126-923-11	ELECT	220uF	10V
C205	1-126-926-11	ELECT	1000uF	10V
C207	1-126-923-11	ELECT	220uF	10V
C209	1-126-947-11	ELECT	47uF	35V
C210	1-104-666-11	ELECT	220uF	25V
C211	1-104-665-11	ELECT	100uF	25V
C212	1-126-923-11	ELECT	220uF	10V
		< DIODE >		
D101	8-719-904-05	DIODE 1N4005L		
D102	8-719-904-05	DIODE 1N4005L		
D103	8-719-904-05	DIODE 1N4005L		
D104	8-719-904-05	DIODE 1N4005L		
D106	9-998-387-01	DIODE PR1005L		
D107	8-719-061-02	DIODE PR1003L		
D108	8-719-923-52	DIODE MTZJ7.5		
D201	9-909-291-01	DIODE S3L20U		
D202	8-719-510-26	DIODE D1NL20U		
D203	8-719-027-43	DIODE D2L20U		
D204	1-801-320-11	DIODE MA2300		
D205	8-719-991-33	DIODE 1SS133		
D206	8-719-510-26	DIODE D1NL20U		
D207	8-719-991-33	DIODE 1SS133		
LED201	8-719-064-11	DIODE SLR-325MVWF (ON/STANDBY)		
		< FUSE >		
⚠F101	1-532-388-31	FUSE (2A/125V)		
		< IC >		
IC201	9-900-532-01	IC AN1431		
		< PHOTO COUPLER >		
⚠PC101	8-749-015-19	PHOTO COUPLER ON3131		
		< IC LINK >		
⚠PS201	1-532-637-11	LINK, IC (1.0A)		
⚠PS202	1-532-679-11	LINK, IC (0.6A)		
		< TRANSISTOR >		
Q201	8-729-041-37	TRANSISTOR 2SJ377		
Q202	8-729-040-88	TRANSISTOR 2SB1240		
Q205	8-729-901-41	TRANSISTOR 2SC1740S		
Q206	8-729-422-57	TRANSISTOR UN4111		
Q207	8-729-040-22	TRANSISTOR 2SD1862		
Q208	8-729-901-41	TRANSISTOR 2SC1740S		
Q209	8-729-422-57	TRANSISTOR UN4111		

Ref. No.	Part No.	Description		Remark
		< RESISTOR >		
R104	1-247-801-11	CARBON	56	1/4W
R205	1-247-825-11	CARBON	560	1/4W
R206	1-247-845-11	CARBON	3.9k	1/4W
R207	1-247-845-11	CARBON	3.9k	1/4W

MISCELLANEOUS
****

7	1-771-913-11	SWITCH, TACTILE (S336/S345/S360/S365/S560D)
58	1-418-097-11	ENCODER, ROTARY (S570D/S745D)
110	1-792-457-11	CABLE, FLEXIBLE FLAT (FMM-33)
⚠114	1-769-744-91	CORD, POWER (S336/S345: HK, SP/S360: E/ S365/S560D: E/S745D: HK, SP)
⚠114	1-782-510-11	CORD, POWER (S345: CH/S745D: CH)
⚠114	1-782-752-31	CORD, POWER (S745D: KR)
⚠114	1-783-531-31	CORD, POWER (S360: US, CND/S560D: US, CND/S570D)
⚠220	A-6062-397-A	OPTICAL PICK-UP KHM-220AAA
M001	1-541-632-11	MOTOR, DC (LOADING)

ACCESSORIES & PACKING MATERIALS
****

	1-418-988-31	COMMANDER, STANDARD (RMT-D115E) (S336/S345)
	1-418-989-11	COMMANDER, STANDARD (RMT-D120A) (S570D/S745D: CH, KR)
	1-418-989-51	COMMANDER, STANDARD (RMT-D120E) (S745D: HK, SP)
	1-418-990-11	COMMANDER, STANDARD (RMT-D116A) (S360/S365)
	1-418-991-61	COMMANDER, STANDARD (RMT-D117A) (S560D)
⚠	1-569-008-21	ADAPTOR, CONVERSION 2P (S360: E/S365/S560D: E)
	1-575-334-11	CORD, CONNECTION (STEREO AV CABLE 1.5m) (S336/S345/S360/S365/S560D)
	1-575-334-41	CORD, CONNECTION (STEREO AV CABLE 1.5m) (S570D/S745D)
	1-575-335-21	CORD, CONNECTION (S-VIDEO CABLE 1.5m) (S560D)
⚠	1-770-019-11	ADAPTOR, CONVERSION PLUG 3P (S345: HK/S745D: HK)
	1-775-454-21	CORD, CONNECTION (STEREO AV S LINK CABLE 1.5m) (S570D)
	1-776-078-31	CORD, CONNECTION (S-VIDEO CABLE 1.5m) (S570D/S745D)
	3-053-633-01	COVER, BATTERY (for RMT-D115E/D116A/D117A) (S336/S345/S360/S365/S560D)
	3-055-539-01	COVER, BATTERY (for RMT-D120A/120E) (S745D)
	3-060-985-11	MANUAL, INSTRUCTION (ENGLISH) (S360: US, CND/S365)
	3-060-985-21	MANUAL, INSTRUCTION (FRENCH) (S360: CND)
	3-060-985-31	MANUAL, INSTRUCTION (SPANISH) (S360: E)

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Ref. No.	Part No.	Description	Remark
	3-060-987-11	MANUAL, INSTRUCTION (ENGLISH)	(S345: HK, SP, CH, KP)
	3-060-987-21	MANUAL, INSTRUCTION (SIMPLIFIED CHINESE)	(S345: SP, CH)
	3-060-987-31	MANUAL, INSTRUCTION (TRADITIONAL CHINESE)	(S345: HK)
	3-060-987-51	MANUAL, INSTRUCTION (KOREAN)	(S336)
	3-061-775-11	MANUAL, INSTRUCTION (ENGLISH)	(S570D)
	3-061-775-21	MANUAL, INSTRUCTION (FRENCH)	(S570D)
	3-061-776-11	MANUAL, INSTRUCTION (ENGLISH)	(S745D)
	3-061-776-21	MANUAL, INSTRUCTION (SIMPLIFIED CHINESE)	(S745D: CH, SP)
	3-061-776-31	MANUAL, INSTRUCTION (TRADITIONAL CHINESE)	(S745D: HK)
	3-061-776-41	MANUAL, INSTRUCTION (KOREAN)	(S745D: KR)
	3-062-059-11	MANUAL, INSTRUCTION (ENGLISH)	(S560D: US, CND)
	3-062-059-21	MANUAL, INSTRUCTION (FRENCH)	(S560E: CND)
	3-062-059-31	MANUAL, INSTRUCTION (SPANISH)	(S560D: E)

9-921-755-11

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