

STR-DE485

MANUAL DE SERVIÇO

Brazilian Model



Foto: STR-DE485

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Especificações Técnicas - Ver Página Seguinte

FM STEREO/FM-AM RECEIVER

SONY®

Especificações Técnicas

Amplificador

Potência de saída

Potência (RMS) de saída em modo estéreo

(8 ohms 1 kHz, THD 10 %)

100W + 100W²⁾

Potência (RMS) referencial de saída²⁾

(8 ohms 1 kHz, THD 10 %)

Frontal¹⁾: 100 W/canal

Central¹⁾: 100 W

Traseira¹⁾: 100 W/canal

1) Dependendo dos ajustes do campo sonoro e da fonte, poderá não haver algum som.

2) Medidos sob a seguinte condição:

Alimentação 127V CA, 60Hz.

Resposta da frequência

MULTI CH IN,	10 Hz – 50 kHz
CD, MD/TAPE, DVD/	+0,5/-2 dB
LD, VIDEO 1, 2	(desconsiderando o campo sonoro e o tom)

Entradas (Analógicas)

MULTI CH IN,	Sensibilidade: 250 mV
CD, MD/TAPE, DVD/	Impedância: 50 kilohms
LD, VIDEO 1, 2	S/N ³⁾ : 96 dB
	(A, 250 mV ⁴⁾)

3) INPUT SHORT (desconsiderando o campo sonoro e o tom).

4) Weighted network, nível de entrada.

Entradas (Digital)

DVD/LD (Coaxial)	Sensibilidade: – Impedância: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
VIDEO 2 (Óptico)	Sensibilidade: – Impedância: – S/N: 100 dB (A, 20 kHz LPF)

Saídas

MD/TAPE (OUT), VIDEO 1 (AUDIO OUT)	Vtagem: 250 mV Impedância: 10 kilohms
SUB WOOFER	Vtagem: 2 V Impedância: 1 kilohms

Tom

Nível de ganho: ±6 dB, passo 1 dB

Sintonizador FM

Faixa de sintonização 87,5 – 108,0 MHz

Terminais de antena 75 ohms, não balanceado

Frequência intermediária

10,7 MHz

Sensibilidade

Mono: 18,3 dBf, 2,2 µV/75 ohms

Estéreo: 38,3 dBf, 22,5 µV/75 ohms

Sensibilidade utilizável

11,2 dBf, 1 µV/75 ohms

S/N

Mono: 76 dB

Estéreo: 70 dB

Distorção harmônica a 1 kHz

Mono: 0,3%

Estéreo: 0,5%

Separação

45 dB a 1 kHz

Resposta de frequência

30 Hz – 15 kHz,
+0,5/-2 dB

Seletividade

60 dB a 400 kHz

Sintonizador AM

Faixa de sintonização

Em intervalos de 10-kHz: 530 – 1610 kHz⁵⁾

Em intervalos de 9-kHz: 531 – 1602 kHz⁵⁾

Antena

Antena loop de AM

Frequência intermediária

450 kHz

Sensibilidade utilizável

50 dB/m (a 1,000 kHz ou
999 kHz)

S/N

54 dB (a 50 mV/m)

Distorção harmônica

0,5 % (50 mV/m, 400 Hz)

Seletividade

A 9 kHz: 35 dB

A 10 kHz: 40 dB

5) O intervalo de frequência em AM pode ser mudado entre 9 kHz ou 10 kHz. Após sintonizar uma emissora em AM, desligue o receiver. Mantenha pressionada PRESET TUNING + e pressione I/⏏. Todas as emissoras serão apagadas quando mudar o intervalo de frequência. Para retornar para a frequência anterior de 10 kHz (ou 9 kHz), repita os mesmos procedimentos.

Vídeo

Entradas

Vídeo: 1 Vp-p, 75 ohms

Saídas

Vídeo: 1 Vp-p, 75 ohms

Geral

Alimentação 127/220 V CA, 60 Hz

Consumo 155W

Consumo (durante o modo de espera)
0,5 W

Dimensões 430 × 145 × 298 mm
(L x A x P)
incluindo as partes
salientes e controles

Peso (Aprox.) 7,0 kg

Acessórios fornecidos

Antena monofilar de FM (1)

Antena loop de AM (1)

Controle remoto RM-U306 (1)

Pilhas tipo AA (2)

Projeto e especificações técnicas sujeitos à alterações
sem prévio aviso.

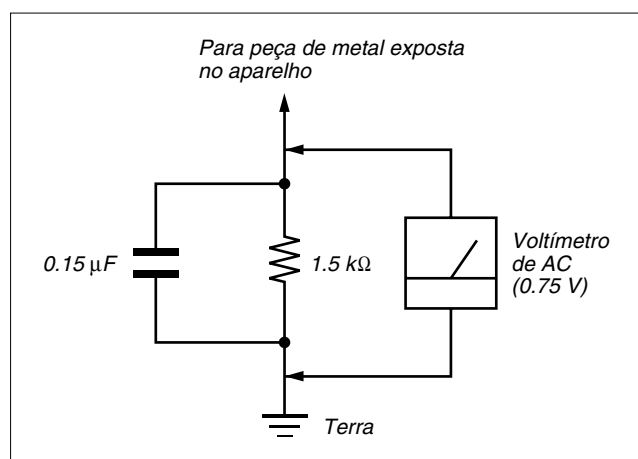
VERIFICAÇÃO DE SEGURANÇA

Depois de corrigido o problema de manutenção original, execute as seguintes verificações de segurança antes de liberar o aparelho para consumidor: Verifique os terminais da antena, o acabamento metálico e os botões "metalizados", os parafusos e as outras peças de metal expostas, para ver se não há fuga AC, conforme abaixo.

TESTE DE FUGA

A fuga do AC de alguma parte do metal exposta à terra e de todas as partes do metal expostas que tenham um retorno ao chassi, não deve exceder 0.5 mA (500 microampers.). A corrente de fuga pode ser medida por qualquer um dos três métodos.

1. Um aparelho medidor de fuga, como Simpson 229 ou RCA WT-540A. Siga as instruções dos fabricantes para usar esses instrumentos.
2. Um mili-amperímetro de AC operado a bateria. O multímetro digital Data Precision 245 é adequado para esse serviço.
3. Medindo a queda de tensão através de um resistor por meio de um multímetro ou de um voltímetro de AC operado a bateria. A indicação de "limite" é de 0,75V, desse modo os medidores analógicos precisam ter uma escala precisa de baixa tensão. O Simpson 250 e o Sanwa SH-63Trd são exemplos de multímetros passivos apropriados. Quase todos os multímetros operados a bateria que tem uma faixa de 2 V são adequados. (Veja Fig. A)



ATENÇÃO COM OS COMPONENTES DE SEGURANÇA!

COMPONENTES IDENTIFICADOS COM A MARCA $\triangle$ NOS DIAGRAMAS ESQUEMÁTICOS E NA LISTA DE PEÇAS SÃO CRÍTICOS PARA A SEGURANÇA. SOMENTE OS SUBSTITUA POR PEÇAS NUMERICAMENTE IDENTIFICADAS NESSE MANUAL OU EM SUPLEMENTO PUBLICADO PELA SONY.

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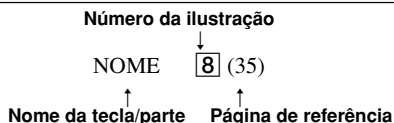
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Como utilizar esta página

Utilize esta página para localizar as teclas mencionadas no manual.



Unidade principal

ORDEM ALFABÉTICA

0 - 9

2 CH [26] (26)

A - D

A.DEC [28] (24-26)

AM [32] (31, 32)

BASS +/- [25] (30, 46)

CD [19] (22)

CINEMA STUDIO EX A, B, C
[9] (24, 25)

Digital Cinema Sound (indicador)
[12] (24)

DIMMER [37] (23)

DISPLAY [2] (23, 43)

Visor [11] (23)

DVD/LD [21] (22)

E - L

ENTER [29] (34)

FM [33] (31, 32)

FM MODE [34] (32)

INPUT MODE [15] (22)

IR (receptor) [4] (37, 43)

LEVEL [10] (21, 28, 46)

M

MASTER VOLUME [23] (21, 42)

MD/TAPE [17] (22)

MEMORY [36] (30, 32)

MENU +/- [30] (17, 28, 34, 35)

MENU </> [31] (17, 28, 34, 35)

MODE [27] (25, 42)

MULTI CHANNEL DECODING
(indicador) [7] (22)

MULTI CH IN [14] (22)

MUTING [24] (22, 42)

N - S

NAME [8] (34)

PHONES (tomada) [38] (22)

PRESET TUNING +/- [3] (33, 44)

SET UP [6] (16, 35, 46)

SHIFT [35] (33)

SURR [13] (28, 46)

T - Z

TREBLE +/- [16] (30, 46)

TUNER [22] (31, 32, 33, 34)

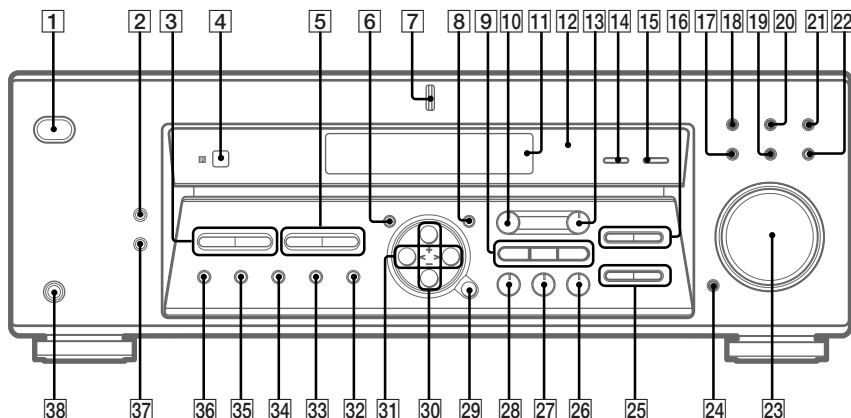
TUNING +/- [5] (32)

VIDEO 1 [18] (22)

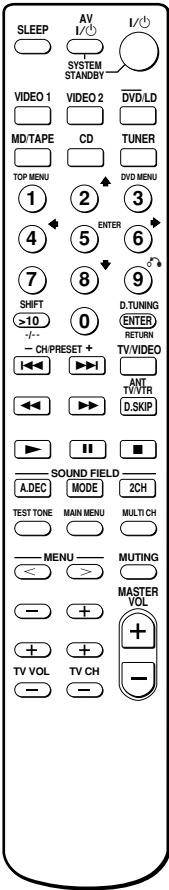
VIDEO 2 [20] (22)

DESCRIÇÃO DAS TECLAS

I/⏻ (alimentação) [1] (16, 21, 30, 31, 38, 45)



Descrição das teclas do controle remoto



Tecla do controle remoto	Operações	Função
VIDEO 1	Receiver	Para assistir ao videocassete. (Videocassete modo 3)
VIDEO 2	Receiver	Para assistir ao videocassete (Videocassete modo 1)
DVD/LD	Receiver	Para acionar o reproduutor de DVD ou discos a laser.
MD/TAPE	Receiver	Para ouvir o Minidisc ou fita de áudio.
CD	Receiver	Para ouvir o CD.
TUNER	Receiver	Para ouvir os programas de rádio.
SHIFT	Receiver	Pressione repetidamente para selecionar a página da memória para a memorização das emissoras de rádio ou para sintonizar as emissoras memorizadas.
D.TUNING	Receiver	Sintonizar dietamente as emissoras <u>key- in-mode</u> .
A.DEC	Receiver	Selecionar o modo AUTO DECODE.
MODE	Receiver	Selecionar o modo de campo sonoro.
2CH	Receiver	Selecionar o modo 2CH.
TEST TONE	Receiver	Pressione para dar saída ao tom de teste.
MAIN MENU	Receiver	Pressione repetidamente esta tecla para selecionar um dos 4 modos do cursor: SURR, LEVEL, SET UP e NAME.
MULTI CH	Receiver	Seleciona a fonte MULTI CH IN.
MENU </>	Receiver	Seleciona um item do menu.
MENU +/-	Receiver	Faz os ajustes ou muda os ajustes.
MUTING	Receiver	Silencia o som do receiver.

A tabela abaixo mostra os ajustes de cada tecla.

Tecla do controle remoto	Operações	Função
SLEEP	Receiver	Ativa a função de desligamento automático e a duração em que o receiver se desligará automaticamente.
I/ON	Receiver	Liga ou desliga o receiver.

Tecla do controle remoto	Operações	Função
MASTER VOL +/-	Receiver	Ajusta o volume principal do receiver.
AV I/⏏	TV/ Videocassete/ Reprodutor de CD/VCD/ LD/DVD/ Reprodutor e gravador de MD/DAT	Liga e desliga os componentes de áudio e vídeo.
SYSTEM STANDBY (Pressione AV I/⏏ e I/⏏ ao mesmo tempo)	Receiver/TV/ Videocassete/ Sintonizador de satélite Reprodutor de CD/VCD/LD/ DVD/ Reprodutor e gravador de MD/DAT/Fita	Desliga o receiver e os outros componentes de áudio/vídeo Sony
0-9	Receiver	Utilize com a tecla “SHIFT” para selecionar a entrada numérica de sintonização das emissoras memorizadas durante o modo DIRECT TUNING ou MEMORY.
	Reprodutor de CD/VCD /LD/ Reprodutor e gravador de MD/ DAT	Seleciona o número da faixa. 0 seleciona a faixa 10.
	TV/ Videocassete/ Sintonizador de satélite	Seleciona o número do canal.
>10	Reprodutor de CD/VCD/LD/ Reprodutor e gravador de MD/fita	Seleciona a faixa de número acima de 10.
ENTER	TV/ Videocassete/ Sintonizador de satélite/ Reprodutor LD/ Reprodutor e gravador de MD/ DAT/Fita	Após selecionar um canal, disco ou faixa utilizando as teclas numéricas, pressione para validar.

Tecla do controle remoto	Operações	Função
RETURN	Reprodutor VCD	Retorna para o menu anterior.
CH/ PRESET +/-	Receiver	Procura e seleciona as emissoras memorizadas.
	TV/ Videocassete/ Sintonizador de satélite	Seleciona o canal memorizado.
⏮/⏭	Videocassete/ Reprodutor de CD/VCD/ LD/DVD/ Reprodutor e gravador de MD/ DAT/fita	Pula as faixas.
⏮/⏭	Reprodutor de CD/VCD/ DVD	Procura as faixas (para frente ou para trás)
	Videocassete/ Reprodutor de LD/ Reprodutor e gravador de MD/DAT/ fita	Avança rapidamente ou rebobina.
▶	Videocassete/ Reprodutor de CD/VCD/ LD/DVD/ Reprodutor e gravador de MD/DAT/ fita	Inicia a reprodução.
⏸	Videocassete/ Reprodutor de CD/VCD/ LD/DVD/ Reprodutor e gravador de MD/DAT/ fita	Reprodução ou gravação em pausa . (Também inicia a gravação com componentes no modo de espera (standby).)
■	Videocassete/ Reprodutor de CD/VCD/ LD/DVD/ Reprodutor e gravador de MD/DAT/ fita	Pára a reprodução.

continua

Descrição das teclas do controle remoto (continuação)

Tecla do controle remoto	Operações	Função
ANT TV/VTR	Videocassete	Seleciona o sinal de saída do terminal de antena: sinal de TV ou videocassete.
D. SKIP	Reprodutor de CD/VCD/ DVD/ Reprodutor e gravador de MD	Pula dos discos (somente para changer multi-discos).
TOP MENU	Reprodutor de DVD	Mostra o título do DVD.
DVD MENU	Reprodutor de DVD	Mostra o menu do DVD.
ENTER	Reprodutor de DVD	Confirma a seleção.
	Reprodutor de DVD	Retorna para o menu anterior ou sai do menu.
	Reprodutor de DVD	Seleciona um item do menu.
-/-	TV	Seleciona o modo de entrada do canal, de um ou dois dígitos.
TV/VIDEO	TV	Seleciona o sinal de entrada: entrada de TV ou vídeo.
TV VOL +/-	TV	Ajusta o volume do TV
TV CH +/-	TV	Seleciona os canais memorizados do TV

Notas

- Quando pressionar as teclas de função (VIDEO 1, VIDEO 2, DVD/LD), o modo de entrada do TV pode não mudar para o modo de entrada correspondente desejado. Neste caso, pressione a tecla TV/VIDEO para chaver a modo de entrada do TV.
- A explicação acima tem o propósito de servir somente como um exemplo. Entretanto, dependendo do componente, a operação acima pode não ser possível ou pode operar de forma diferente da descrita.
- Algumas funções descritas nesta seção pode não funcionar dependendo do modelo do receiver.

Mudando os ajustes de fábrica das teclas de função

Se os ajustes de fábrica das teclas FUNCTION não coincidirem com os componentes do sistema, você poderá mudá-los. Por exemplo, se possuir um reprodutor e gravador de fita e não possuir um reprodutor e gravador de MD, programe a tecla MD/TAPE para o reprodutor e gravador de fita.

Note que o ajuste da tecla TUNER não pode ser mudado.

1 Mantenha pressionada a tecla de função correspondente à função que deseja mudar (por exemplo, MD/TAPE).

2 Pressione a tecla correspondente no componente que deseja determinar para a tecla de função (por exemplo, 4 – Reprodutor e gravador de fita).

As teclas a seguir são determinadas para selecionar as funções conforme a seguir:

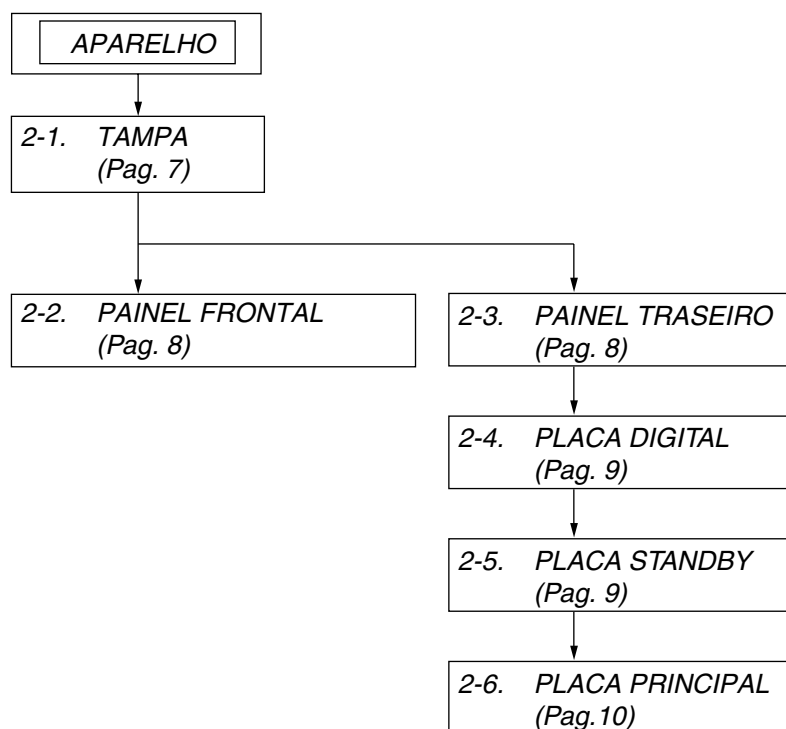
Para operar	Pressione
Reprodutor de CD	1
Reprodutor e gravador de DAT	2
Reprodutor e gravador de MD	3
Reprodutor e gravador de fita deck A	4
Reprodutor e gravador de fita deck B	5
Reprodutor de LD	6
Videocassete (modo VTR 1* no controle remoto)	7
Videocassete (modo VTR 2* no controle remoto)	8
Videocassete (modo VTR 3* no controle remoto)	9
TV	0
DSS (Receptor de Satélite Digital)	>10
Reprodutor de DVD	ENTER
Reprodutor de VCD	

* Os videocassetes Sony são operados com os ajustes VTR 1, 2 ou 3. Estes ajustes correspondem respectivamente a Beta, 8mm e VHS.

Agora você poderá utilizar a tecla MD/TAPE para controlar o reprodutor e gravador de fita.

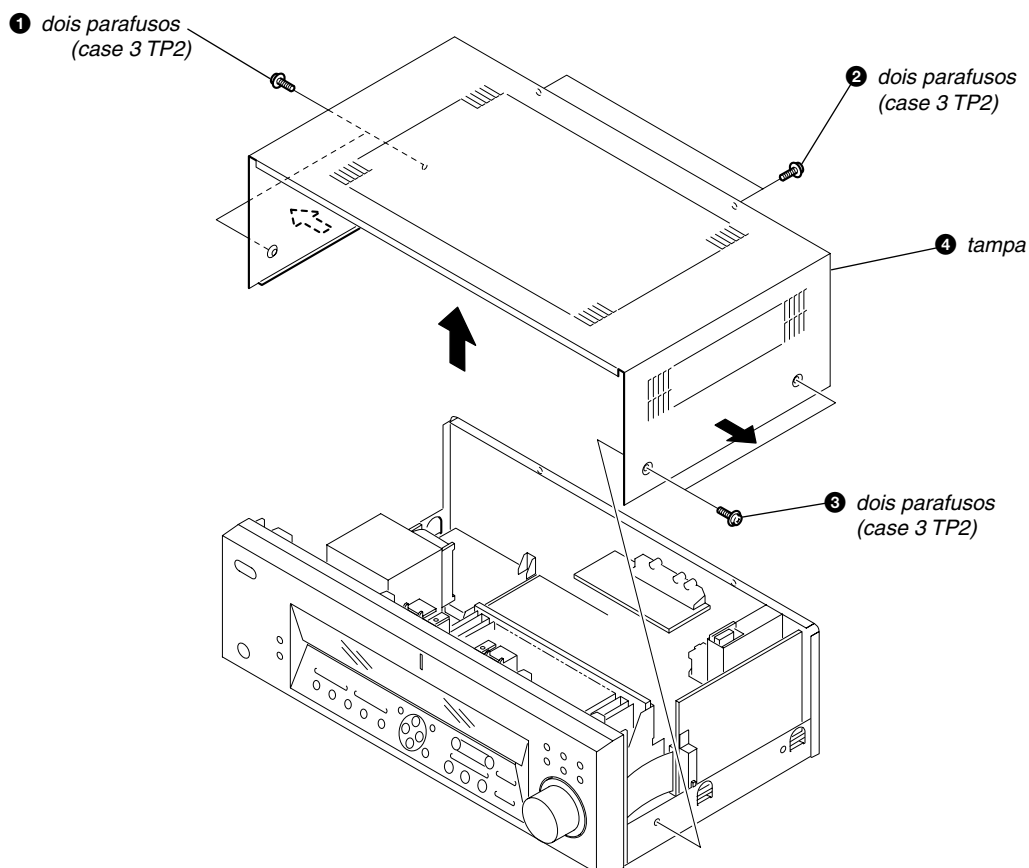
SEÇÃO 2 DESMONTAGEM

Nota : Desmonte o aparelho conforme a ordem mostrada abaixo.

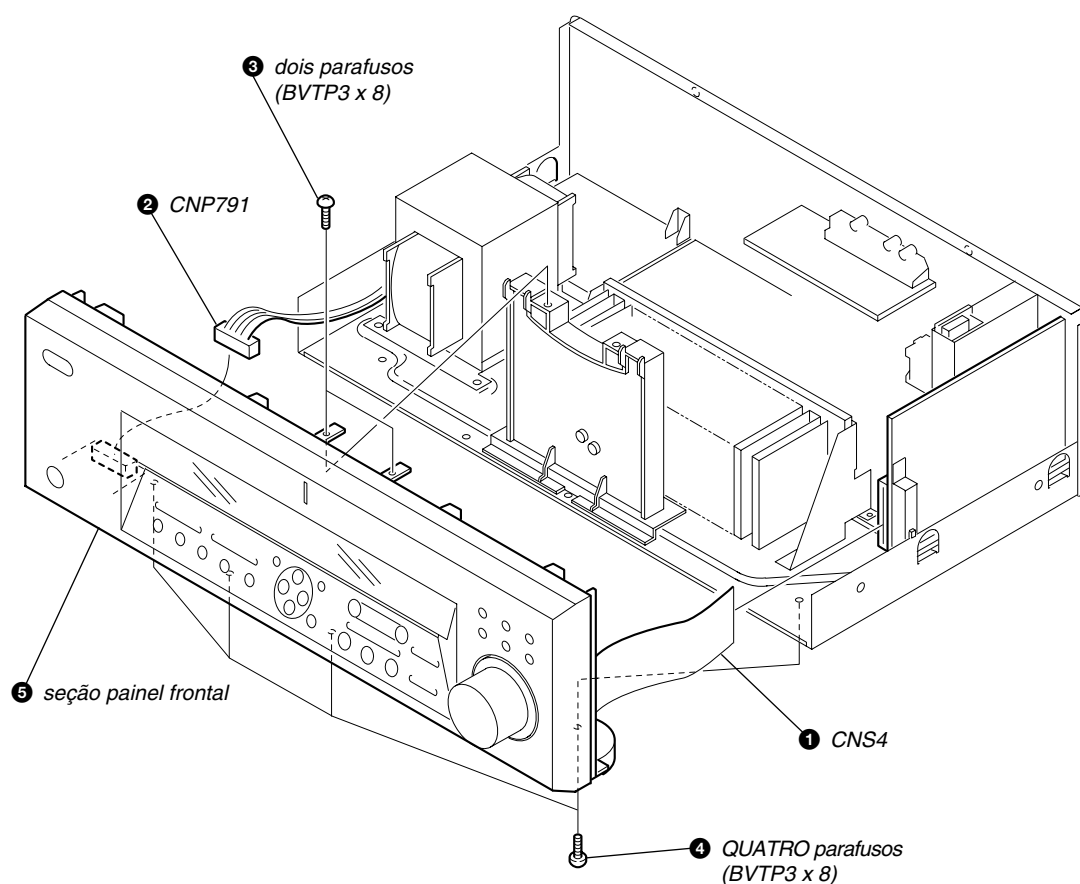


Nota : Siga o procedimento de desmontagem na ordem numérica dada.

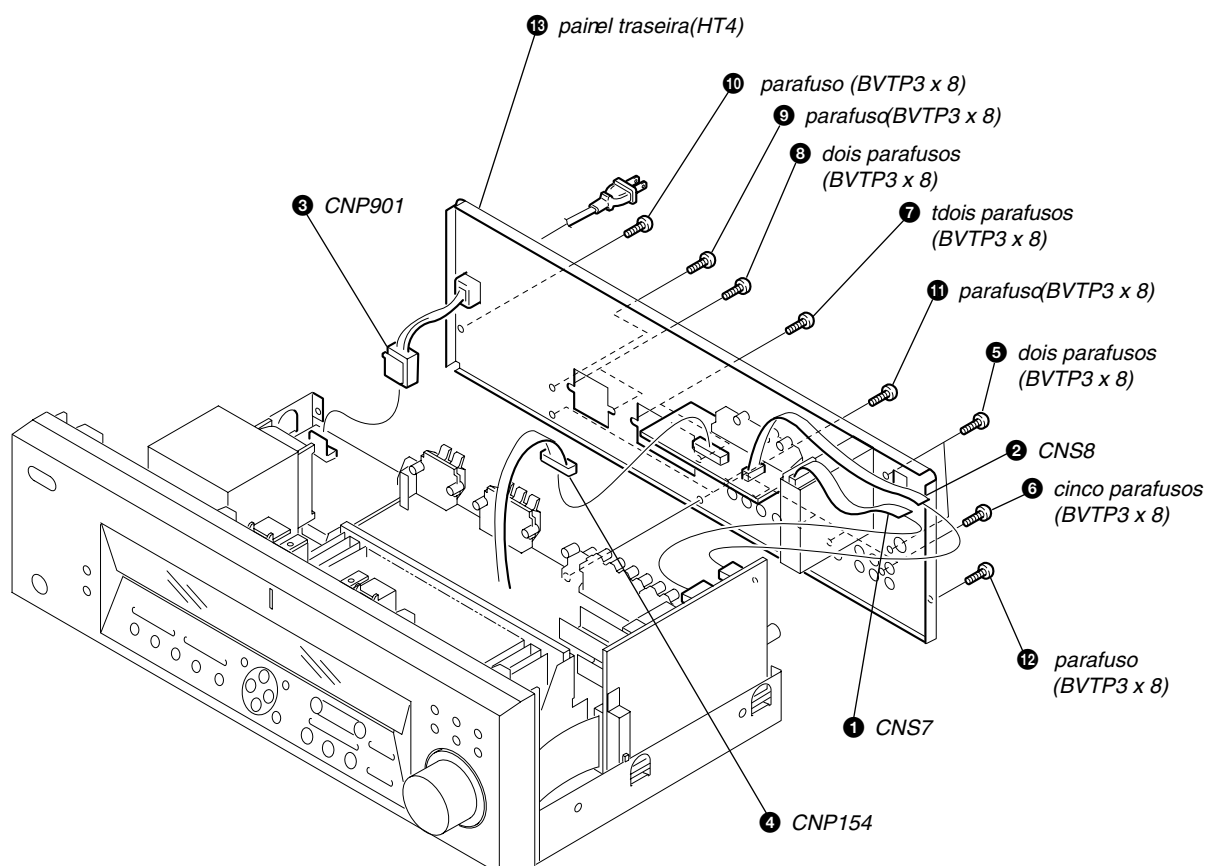
2-1. TAMPA



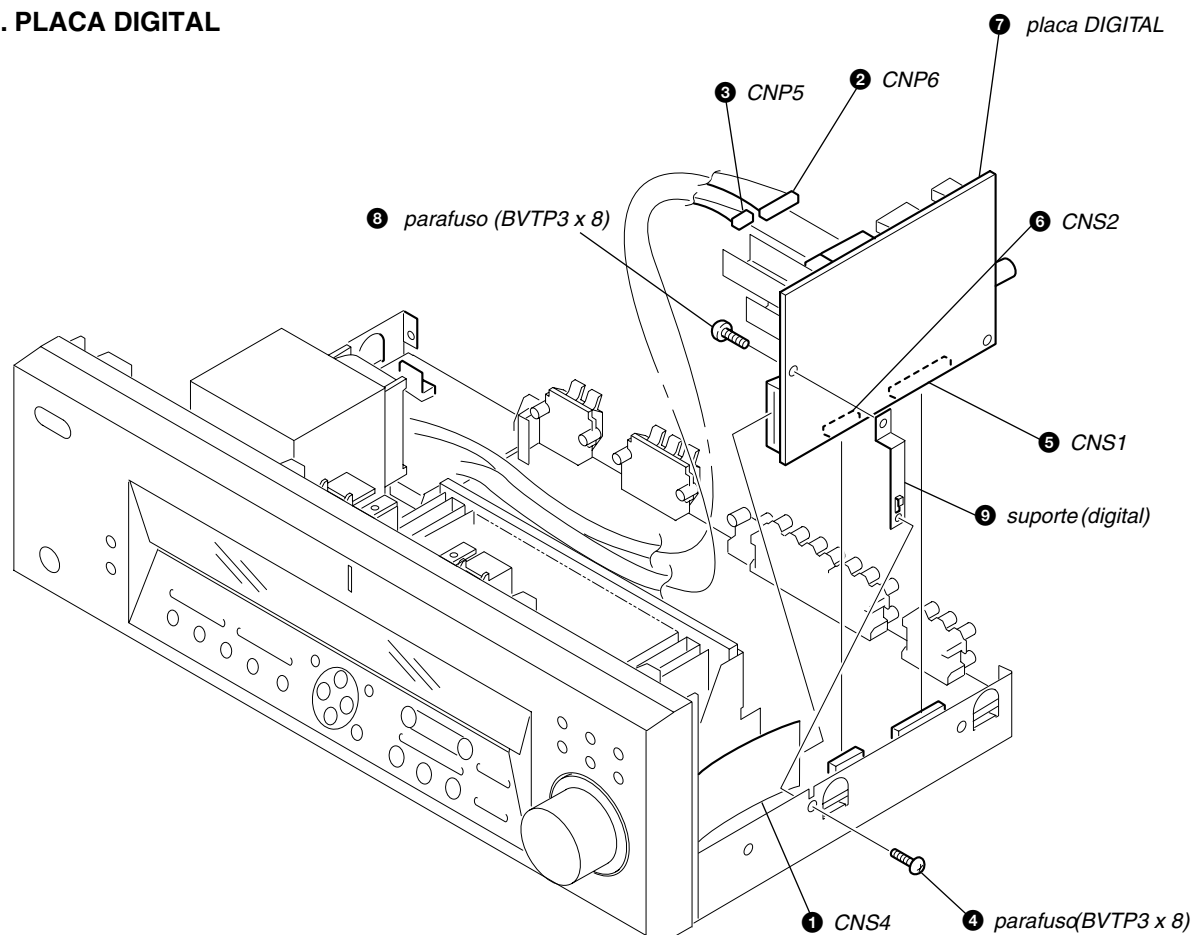
2-2. SEÇÃO PAINEL FRONTAL



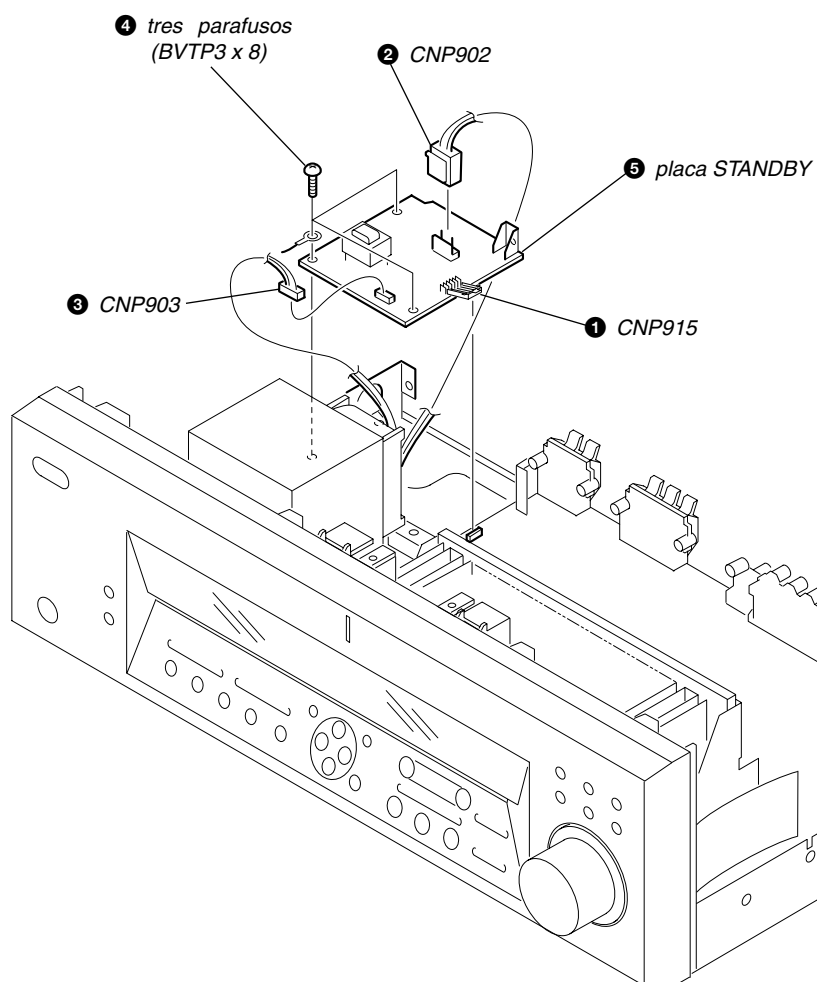
2-3. PAINEL TRASEIRA



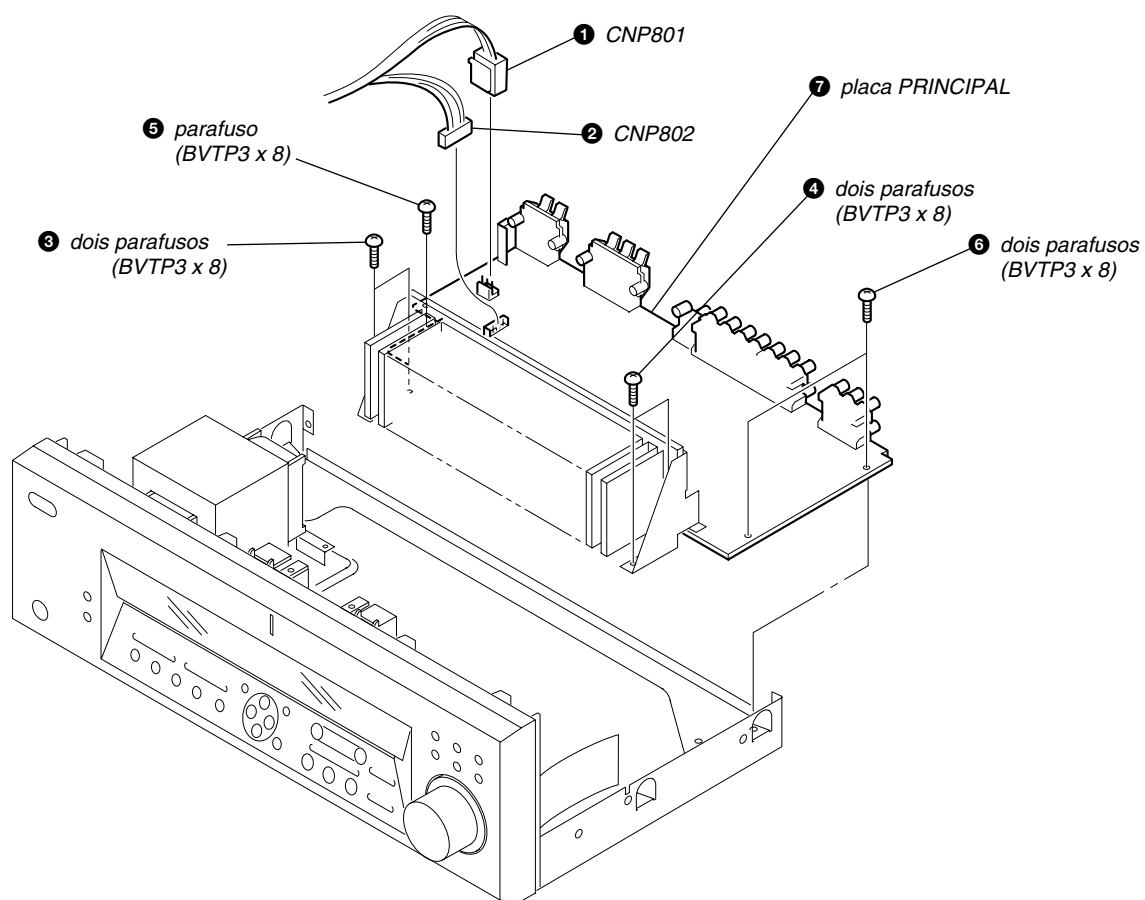
2-4. PLACA DIGITAL



2-5. PLACA STANDBY



2-6. PLACA PRINCIPAL



SEÇÃO 3

MODO DE TESTE

MODO DE DEMONSTRAÇÃO DO SOFTWARE

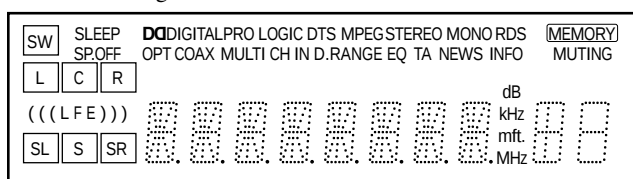
- * A versão do software é mostrada.
- * Procedimento:
Enquanto pressionar os botões **[ENTER]** e **SOUND FIELD [A.F.D.]**, pressione o botão power **I/⏻**. O nome do modelo, destinação e versão do software são mostradas no display.

MODO DE TESTE DO DISPLAY FLUORESCENTE

- * Todos os seguimentos fluorescente são testados. Quando este teste é ativado, todos os seguimentos acendem ao mesmo tempo.

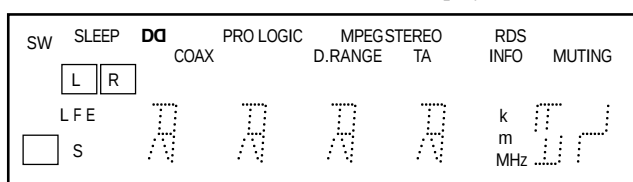
- * Procedimento:
Enquanto pressiona as teclas **[MD/TAPE]** e **[SHIFT]** simultaneamente, pressione a tecla power **I/⏻**.

1. Todos os seguimentos acenderão.



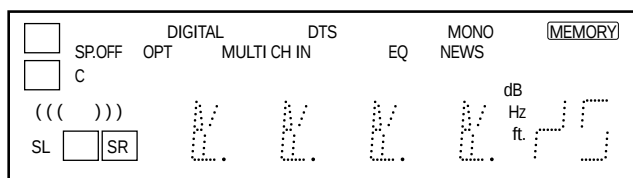
[MULTI CHANNEL DECODING], **[Digital Cinema Sound]**, **SOUND FIELD [A.F.D.]**, **[MODE]**, **[2CH]** e **[SET UP]** LED acendem.

2. Pressione a tecla **[VIDEO 1]**, confirme display.



SOUND FIELD [A.F.D.], **[MODE]**, **SOUND CONTROL [LEVEL]**, **[SET UP]** e **[Digital Cinema Sound]** LED acendem.

3. Pressione a tecla **[VIDEO 1]**, confirme display



[MULTI CHANNEL DECODING], **SOUND FIELD [2CH]**, **SOUND CONTROL [SURR]** e **[NAME]** LED acendem.

4. Pressione a tecla **[VIDEO 1]**, todos os seguimentos apagarão.
5. Toda vez que pressionar a tecla **[VIDEO 1]** um conjunto de seguimento e LED acenderá um após o outro.
(Não apenas a tecla **[VIDEO 1]**, mas também outras teclas com o **[VIDEO 2]**, **[DVD/LD]**, **[MD/TAPE]**, **[CD]**, **[TUNER]** podem ser usados)

MODO INICIAL DA FÁBRICA

- * A configuração da fábrica é restabelecida.
- * Procedimento:
Enquanto pressiona **[VIDEO 1]** e o botão **SOUND FIELD [2CH]** simultaneamente, pressione o botão power **I/⏻** para ligar o aparelho. A mensagem **FACTORY** aparece e o aparelho desliga.

Enquanto pressiona **[VIDEO 1]** e o botão **SOUND FIELD [2CH]** simultaneamente, pressione o botão power **I/⏻** novamente. A mensagem **FACTORY** aparece e o conteúdo atual em memória será apagado.

MODO RESET PARA O CAMPO SONORO

- * A configuração do campo sonoro é apagada quando este modo é ativado. Use este modo antes de retornar o aparelho consertado para o consumidor.
- * Procedimento:
Enquanto pressiona o botão **SOUND FIELD [MODE]** pressione o botão **I/⏻** para ligar o aparelho. A mensagem **S. F. CLR** aparece e o aparelho inicializa.

PASSO DE CANAL AM 9 kHz/10 kHz

MODO DE SELEÇÃO

- * Tanto o passo 9 kHz quanto o passo 10 kHz podem ser selecionados pelo passo AM.
- * Procedimento:
Selecione **[TUNER]** em **[AM]**. Desligue o aparelho. Enquanto pressiona **[TUNING+]** ou o botão **[PRESET TUNING-]** pressione também o **I/⏻** para ligar o aparelho. A mensagem **9 k STEP** ou **10 k STEP** aparece. Selecione a opção adequada.

MODO DE VERIFICAÇÃO DOS BOTÕES

- * Verificação dos botões;
- * Procedimento:
Enquanto pressiona **[VIDEO 1]** e **[SHIFT]** simultaneamente, pressione o botão power **I/⏻** para ligar o aparelho. "REST 39" aparece.
Cada vez que apertar qualquer botão exceto **I/⏻**, **[TREBLE+]** e **[BASS+]**, os botões são contados em ordem decrescente. Os botões que já foram pressionados não são contados novamente. Quando todos tiverem sido pressionados, "REST 04" aparecerá. Quando **[MASTER VOLUME]** é girado no sentido horário, "VOL MIN", "VOL 1" para "VOL 30", "VOL MAX" aparecem.

SEÇÃO 4

DIAGRAMAS

4-1. DESCRIÇÃO DE PINOS DO IC

• IC1201 CXD9617R (DSP) (DIGITAL Board (1/2))

Pin No.	Pin Name	I/O	Description
1	VSS	—	Ground
2	XRST	I	Reset signal input
3	EXTIN	I	Not used (connected to ground)
4	FS2	I	Not used (connected to ground)
5	VDDI	I	Power supply
6	FS1	I	Not used (connected to ground)
7	PLOCK	O	Internal PLL lock signal output (Not used)
8	VSS	—	Ground
9	MCLK1	I	Clock signal input (13.5 MHz)
10	VDDI	I	Power supply
11	VSS	—	Ground
12	MCLK2	O	Clock signal output (13.5 MHz)
13	MS	I	Switching of master/slave operation L : internal clock, H : EXTIN clock is used
14	SCKOUT	O	Internal system clock signal output
15	LRCKI1	I	Not used (open)
16	VDDE	I	Power supply
17	BCKI1	I	Not used (open)
18	SDI1	I	Audio IF data input
19	LRCKO	O	Sampling clock output for digital audio serial data
20	BCKO	O	Bit clock output terminal for digital audio serial data
21	VSS	—	Ground
22	KFSIO	I/O	Audio clock signal (364fs/256fs) input/output
23 to 25	SDO1 to SDO3	O	Digital audio serial data output
26	SDO4	O	Audio IF serial output (Not used) (open)
27	SPDIF	O	Not used (open)
28	LRCKI2	I	Sampling clock input for audio serial data
29	BCKI2	I	Bit clock input terminal for audio serial data
30	SDI2	I	Digital audio data input
31	VSS	—	Ground
32	HACN	O	Acknowledge signal output for system control
33	HDIN	I	Serial data input for system control
34	HCLK	I	Clock input for system control
35	HDOUT	O	Serial data output for system control
36	HCS	I	Chip select input for system control
37	SDCLK	O	Not used (open)
38	CLKEN	O	Not used (open)
39	RAS	O	Not used (open)
40	VDDI	I	Power supply
41	VSS	—	Ground
42	CAS	O	Not used (open)
43	DQM/OE0	O	Not used (open)
44	CS0	O	External memory chip select (SRAM)
45	WE0	O	SRAM write enable output
46	VDDE	I	Power supply
47	WMD1	I	Not used (connected to “H”)
48	VSS	—	Ground
49	WIMD0	I	Not used (connected to ground)
50	PAGE2	O	Not used (open)
51	VSS	—	Ground
52	PAGE1	O	External memory page switching signal output (Not used)
53	PAGE0	O	External memory page switching signal output (Not used)

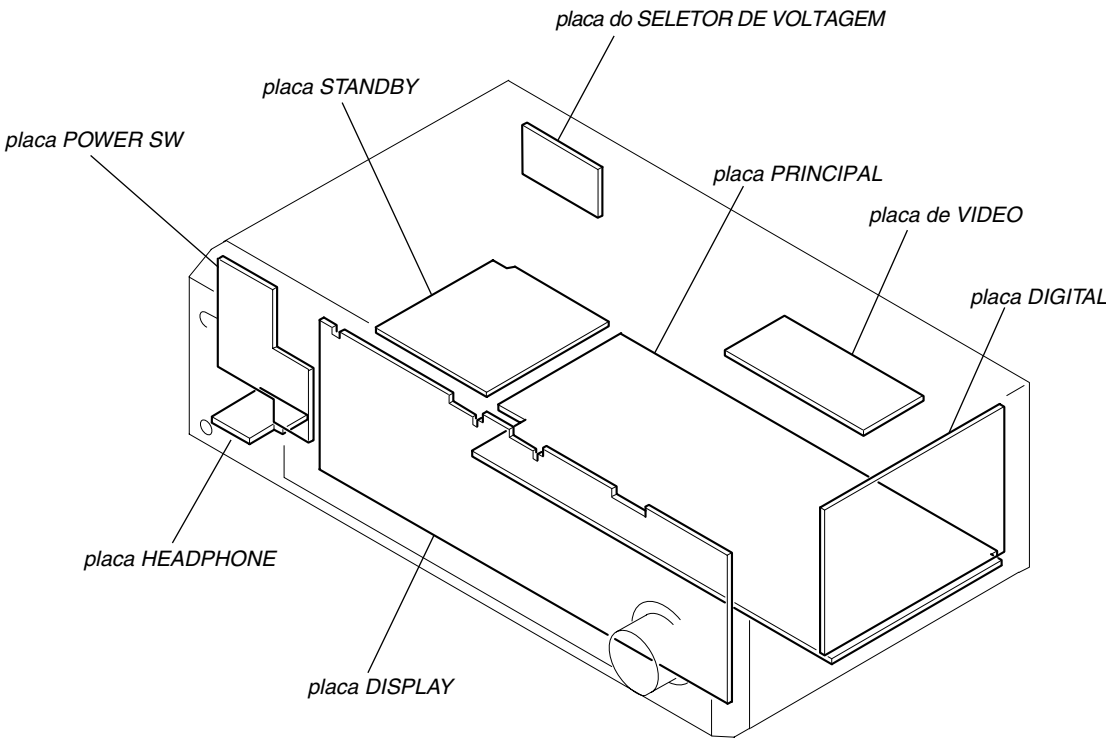
Pin No.	Pin Name	I/O	Description
54	BOOT	I	Not used (connected to ground)
55	BTACT	O	Not used (open)
56	BST	I	Boot stop signal input
57	MOD1	I	Operation mode signal input (L : 386fs, H : 256fs)
58	MOD0	I	Operation mode signal input (L : single chip mode, H : use prohibited)
59	EXLOCK	I	Lock signal input
60	VDDI	I	Power supply
61	VSS	—	Ground
62, 63	A17, A16	O	Not used (open)
64 to 66	A15 to A13	O	External memory address output (SRAM)
67	GP10	O	LRCK0
68	GP9 (DECODE)	O	DECODE
69	GP8 (AUDIO)	I	AUDIO
70	VDDI	I	Power supply
71	VSS	—	Ground
72 to 75	D15/GP7 to D12/GP4	I/O	External memory data input/output (general port)
76	VDDE	I	Power supply
77 to 80	D11/GP3 to D8/GP0	I/O	External memory data input/output (general port)
81	VSS	—	Ground
82 to 85	A9 to A12	O	External memory address output (SRAM)
86	TDO	O	Not used (open)
87	TMS	I	Not used (open)
88	XTRST	I	Not used (open)
89	TCK	I	Not used (open)
90	TDI	I	Not used (open)
91	VSS	—	Ground
92 to 97	A8 to A3	O	External memory address output (SRAM)
98, 99	D7, D6	I/O	External memory data input/output (SRAM)
100	VDDI	I	Power supply
101	VSS	—	Ground
102 to 105	D5 to D2	I/O	External memory data input/output (SRAM)
106	VDDE	I	Power supply
107, 108	D1, D0	I/O	External memory data input/output (SRAM)
109, 110	A2, A1	O	External memory address output (SRAM)
111	VSS	—	Ground
112	A0	O	External memory address output (SRAM)
113	PM	I	PLL initialization input terminal
114, 115	SDI3, SDI4	I	Not used (open)
116	SYNC	I	Sync/async selection input (L : sync, H : async)
117 to 119	VSS	—	Ground
120	VDDI	I	Power supply

• IC1601 MB90478PF-G-120-BND (SYSTEM CONTROL) (DIGITAL Board (2/2))

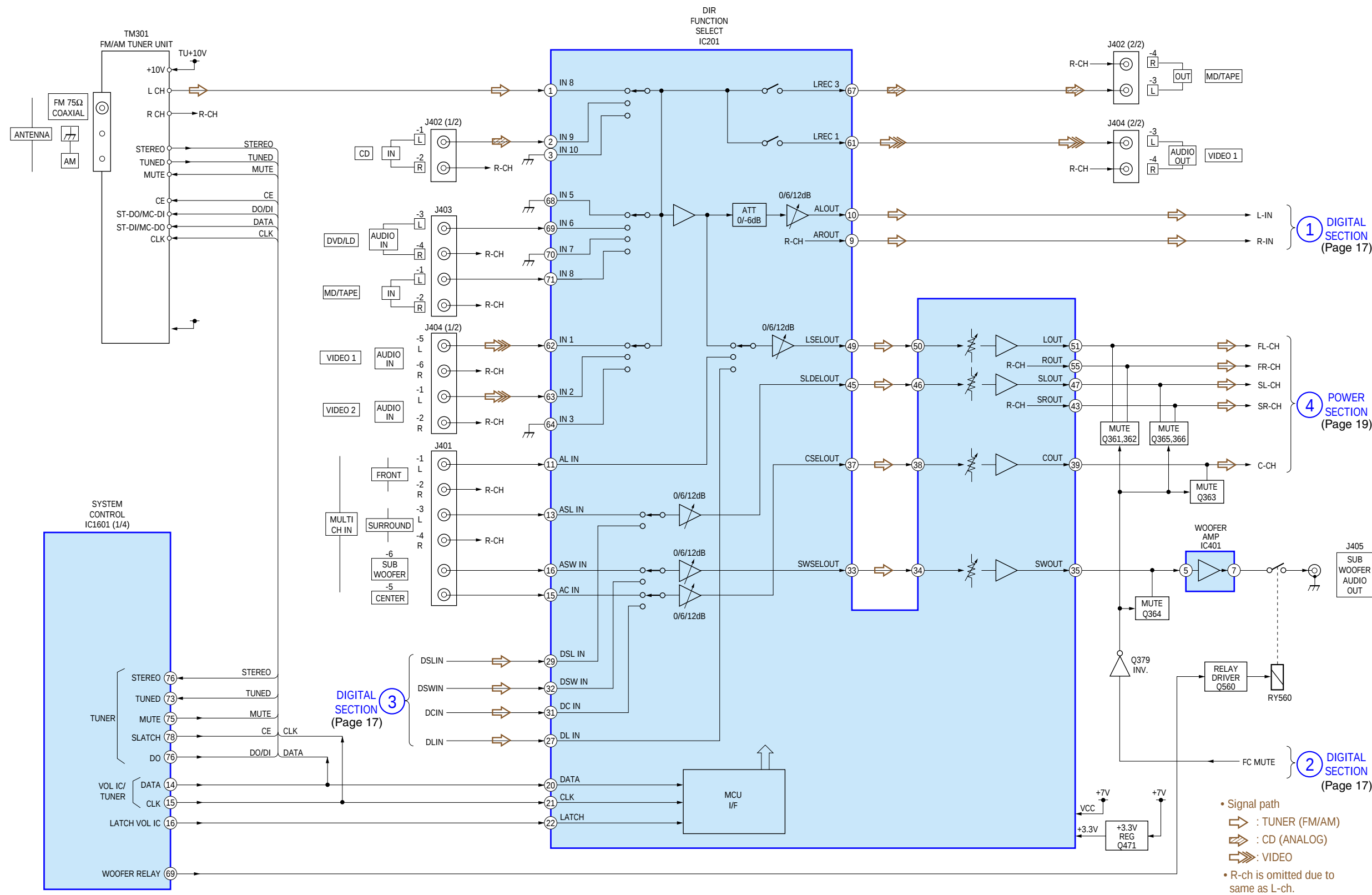
Pin No.	Pin Name	I/O	Description
1	DATAO	I	Serial data input for DIR
2	GP9	I	Decode signal input
3	BST	O	Boot stop signal output to DSP
4	HCS	O	Chip select signal output to DSP
5	HACN	I	Acknowledge signal input for DSP
6	XRST	O	Reset signal output to DSP
7	PM	O	PLL initialization output to DSP
8	PD	O	Power down signal output to CODEC
9	SMUTE	O	Soft mute signal output to CODEC
10	CDT1	O	Control data output to CODEC
11	VSS	—	Ground
12	SCL	O	Serial data clock to CODEC
13	CS	O	Chip select signal output to CODEC
14	DATA	O	Serial data output to VOL/TUNER
15	CLK	O	Clock signal output to VOL/TUNER
16	LATCH	O	Latch signal output to VOL/TUNER
17	SPKB	O	Speaker out control signal output (Not used)
18	HDOUT	I	Serial data for DSP
19	HDIN	O	Serial data to DSP
20	HCLK	O	Clock signal output to DSP
21	F.MUTE	O	Function input mute signal output
22	AC MUTE	O	Power amp mute signal output
23	VCC5	I	Power supply
24	ANA/DIG	I	Muting and error port signal input
25	HP DETECT	I	Headphone detect signal input
26	DCS LED	O	LED (DCS) driver signal output
27	FLASH2	O	Flash programming signal output
28	SP SWITCH/FLASH1	I/O	Speaker ON/OFF signal output
29	BLUE LED	O	LED (MULTI CHANNEL) driver signal output
30	MODE	O	LED (MODE) driver signal output
31	2CH	O	LED (2CH) driver signal output
32	AFD	O	LED (AFD) driver signal output
33	SCL	O	Clock signal output to EEPROM
34	SDA	I/O	Serial data to EEPROM
35	AVCC	I	Power supply
36	AVRH	I	Not used (connected to “H”)
37	AVSS	—	Ground
38 to 41	A/D0 to A/D3	I	Key signal input (A/D port)
42	VSS	—	Ground
43	RDS SIGNAL	I	RDS signal input
44	MODEL	I	Model detection port
45	VERSION	I	Version resistor port
46	NC	O	Not used (connected to ground)
47	NC	O	Not used (connected to ground)
48	STOP	I	Input signal when AC off
49	MD0	—	Selection of micom operation mode
50	MD1	—	Not used (connected to ground)
51	MD2	—	Selection of micom operation mode
52	RDS CLOCK	I	RDS clock signal output (Not used)
53	RDS DATA	I	RDS data output (Not used)
54	SIRCS	I	Input data from remote control receiver
55	FUSE DETECT	I	Power down detect input

Pin No.	Pin Name	I/O	Description
56	POWER KEY	I	Detect power switch key
57	JOG (B)	I	Jog encoder signal input (Not used)
58	JOG (A)	I	Jog encoder signal input (Not used)
59	VOL (B)	I	Volume encoder signal input
60	VOL (A)	I	Volume encoder signal input
61	DIN	O	Serial data output to FL driver
62	CLK	O	Clock signal output to FL driver
63	FL_STB	O	Strobe signal output to FL driver
64	CONTROL A1 OUT	O	Control A1 signal output
65	CONTROL A1 IN	I	Control A1 signal input
66	POWER RELAY	O	Control power relay driver output
67	PROTECTOR	I	Detect protector status input
68	HEADPHONE RELAY	O	Control headphone relay driver output
69	WOOFER RELAY	O	Control woofer speaker relay driver output
70	REAR RELAY	O	Control rear speaker relay driver output
71	CENTER RELAY	O	Control center speaker relay driver output
72	PREOUT/FRONT RELAY	O	Control front speaker relay driver output
73	TUNED	O	Tuned signal output to tuner
74	STEREO	O	Stereo signal output to tuner
75	MUTE	O	Mute signal output to tuner
76	DO	I	Serial data input for tuner
77	RSTX	I	Reset signal input
78	SLATCH	O	Latch signal to tuner
79	X1A	—	Not used (open)
80	X0A	—	Not used (connected to ground)
81	VSS	—	Ground
82	X0	I	Clock signal input (20 MHz)
83	X1	O	Clock signal output (20 MHz)
84	VCC3	I	Power supply
85	NC	I	Not used
86	NC	O	Not used
87 to 90	SW4 to SW1	O	Video input select signal output
91	SELECT1	O	Optical input select signal output (Not used)
92	SELECT2	O	Optical input select signal output (Not used)
93	XMODE	O	Mode signal output to DIR
94	CKSEL1	O	Clock select signal output to DIR
95	CLK	O	Clock signal output to DIR
96	CE	O	Chip select signal output to DIR
97	DI	O	Serial data output to DIR
98	DO	I	Serial data input for DIR
99	ERROR	I	Error signal input for DIR
100	XSTATE	I	XSTATE signal input for DIR

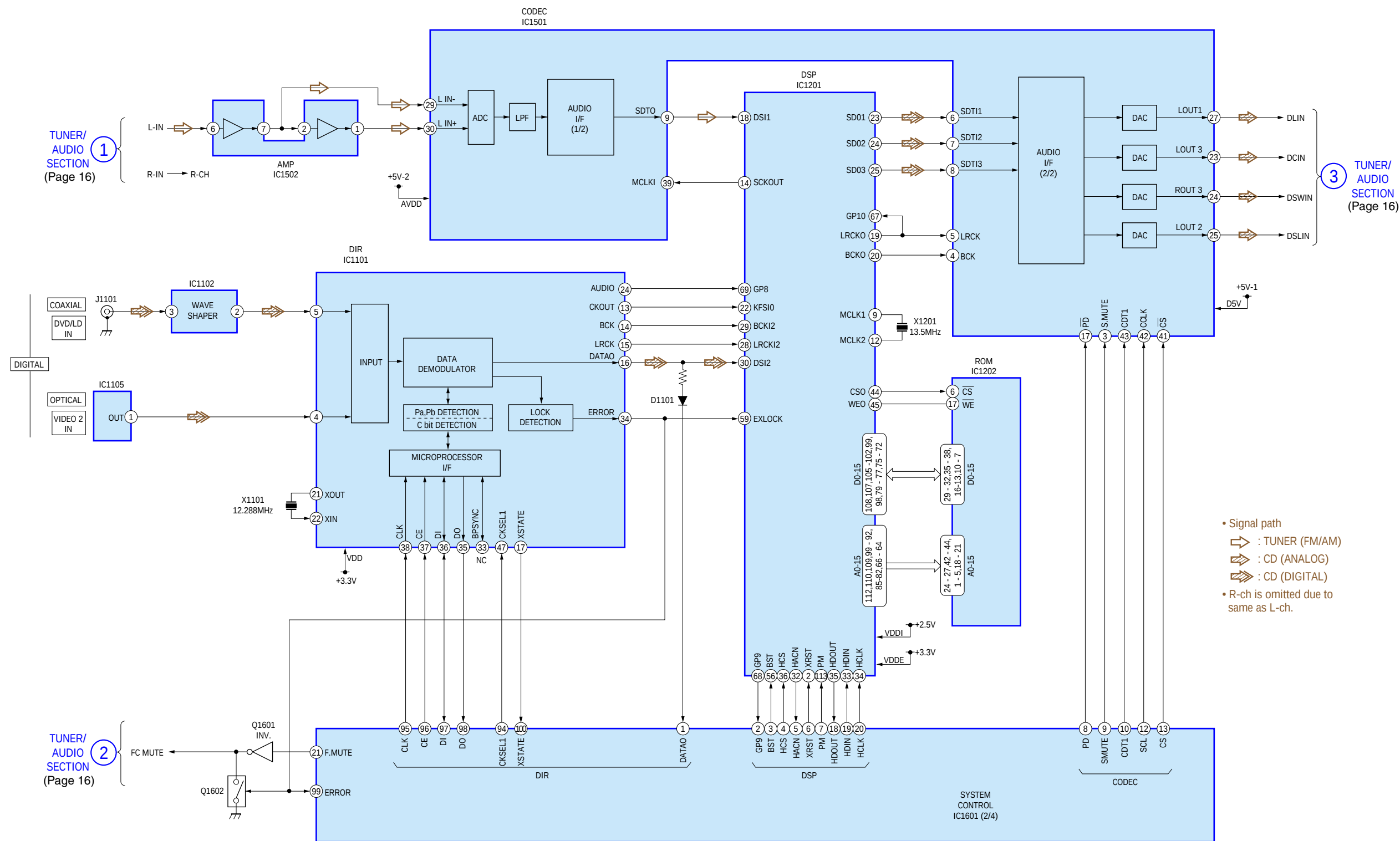
4-2. LOCALIZAÇÃO DAS PLACAS



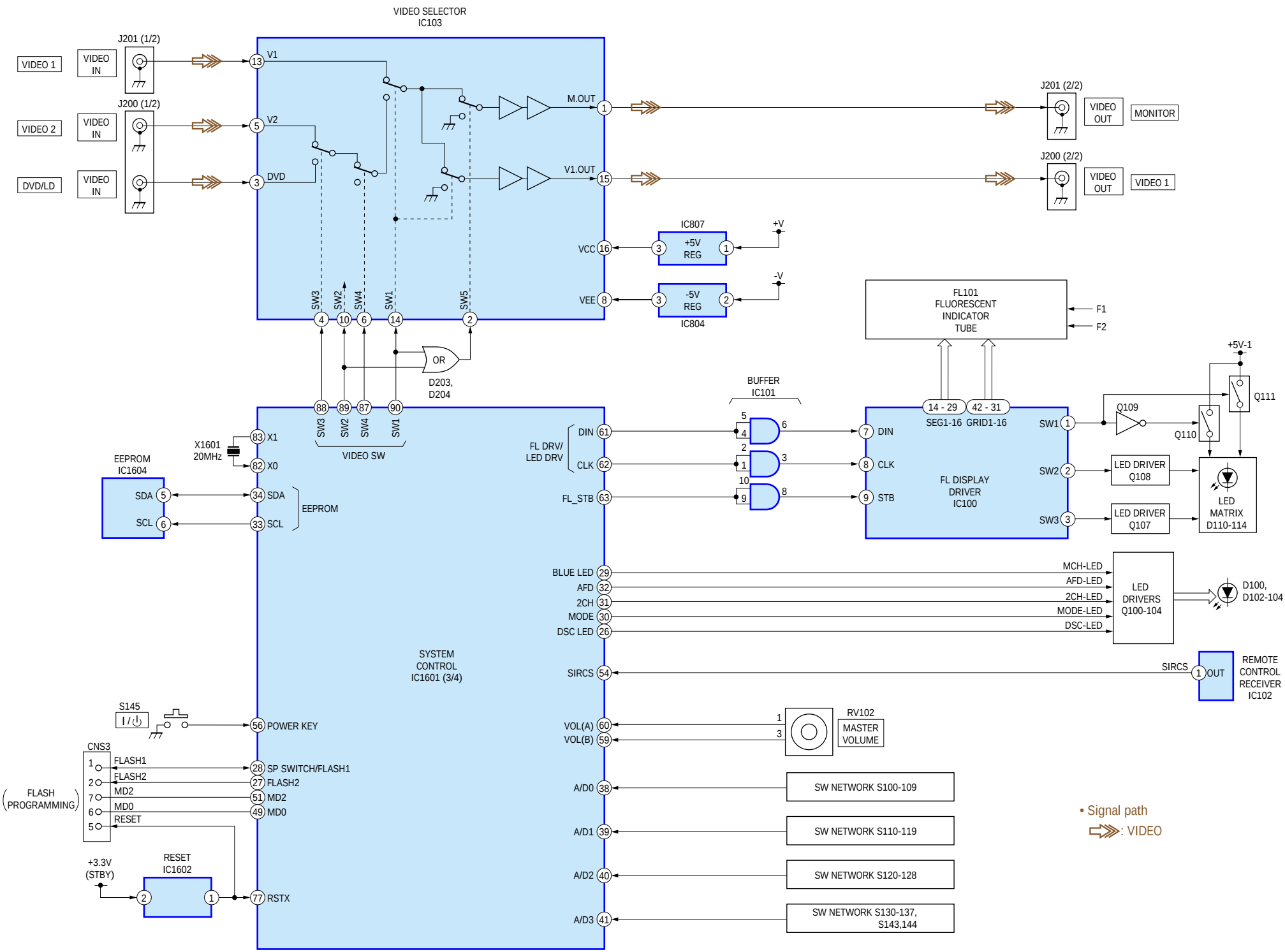
4-3. DIAGRAMA EM BLOCOS — SEÇÃO TUNER/AUDIO —



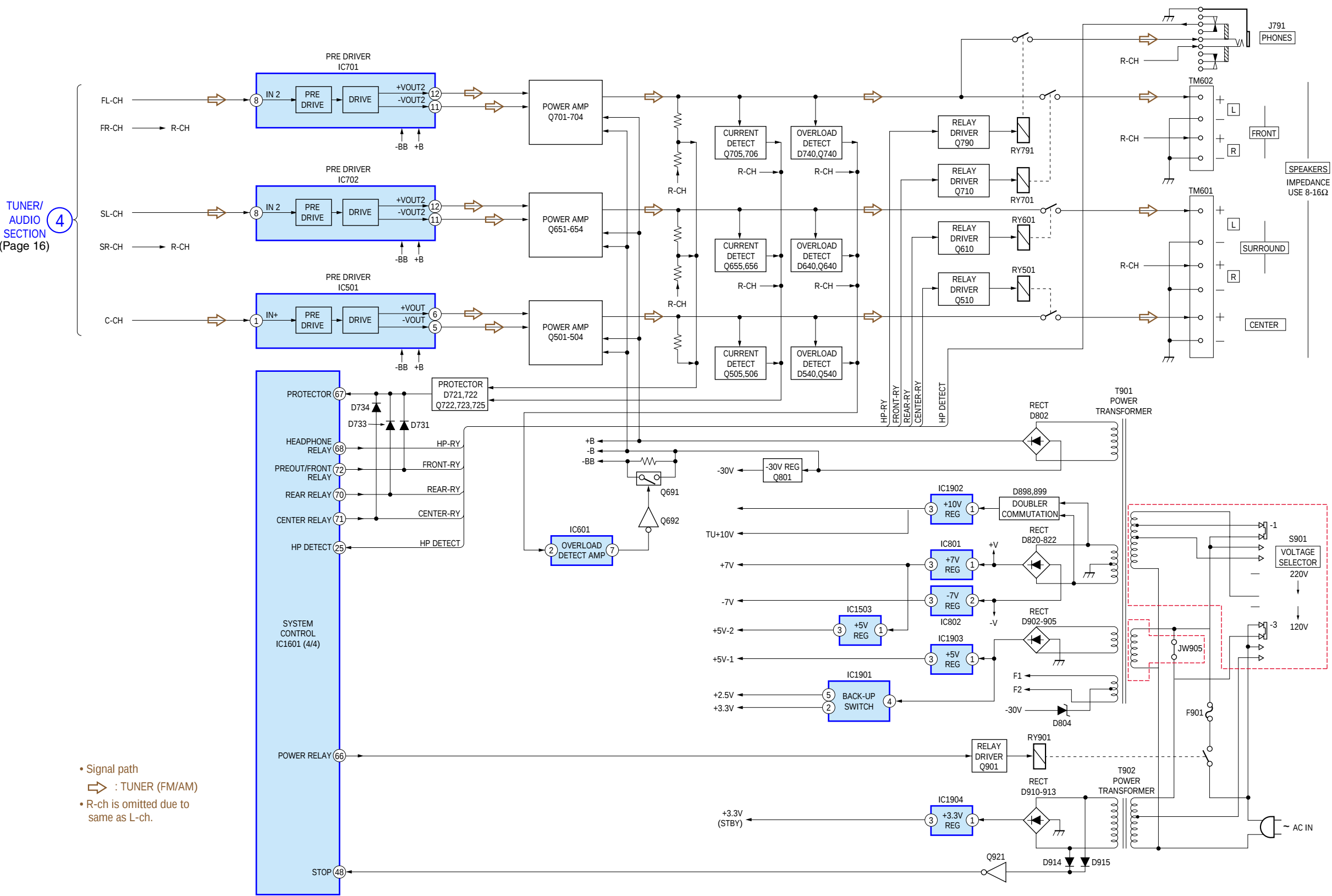
4-4. DIAGRAMA EM BLOCOS — SEÇÃO DIGITAL —



4-5. DIAGRAMA EM BLOCOS — SEÇÃO VIDEO/DISPLAY —



4-6. DIAGRAMA EM BLOCOS — SEÇÃO POWER SECTION —



ESTA NOTA É COMUM PARA PLACA DE CIRCUITO IMPRESSO E DIAGRAMAS ESQUEMÁTICOS
(Notas adicionais estão impressas nas folhas correspondentes aos diagramas e placas.)

Nota nos diagramas esquemáticos

- Todos os capacitores estão em μF a menos que especificados.
pF: μF 50 WV ou menores não são indicados, exceto para os eletrolíticos e os de tântalo.
- Todos os resistores estão em Ω e $1/4\text{W}$ a menos que especificados diferentemente.
- Δ : componente interno
- $\square$: designação do painel

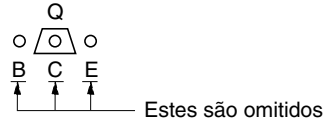
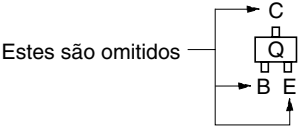
Nota:

Os componentes identificados com a marca Δ são críticos para a segurança. Somente os substitua por peças numericamente identificadas nesse manual.

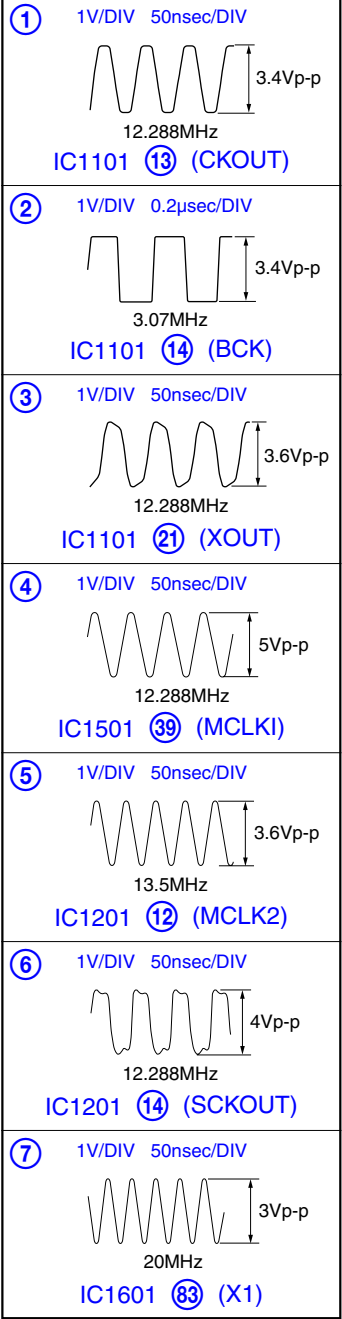
- --- : B+ Line.
- --- : B- Line.
- $\square$: ajuste para reparo.
- Voltagens e formas de onda estão em DC, com relação ao terra, em condição de ausência de sinal.
- Voltagens são obtidas com um VOM (impedância de entrada 10 M Ω).
Variações de voltagem são verificadas dentro de uma faixa de tolerância.
- Formas de onda são obtidas com um osciloscópio.
Variações de voltagem são verificadas dentro de uma faixa de tolerância.
- Números circulados referem-se a formas de onda.
- Simbologia
 - $\Rightarrow$: FM
 - $\Rightarrow$: AM
 - $\Rightarrow$: PB (DECK A)
 - $\Rightarrow$: PB (DECK B)
 - $\Rightarrow$: REC (DECK B)
 - $\Rightarrow$: CD
 - $\Rightarrow$: digital out

Nota nas Placas de Circuito Impresso

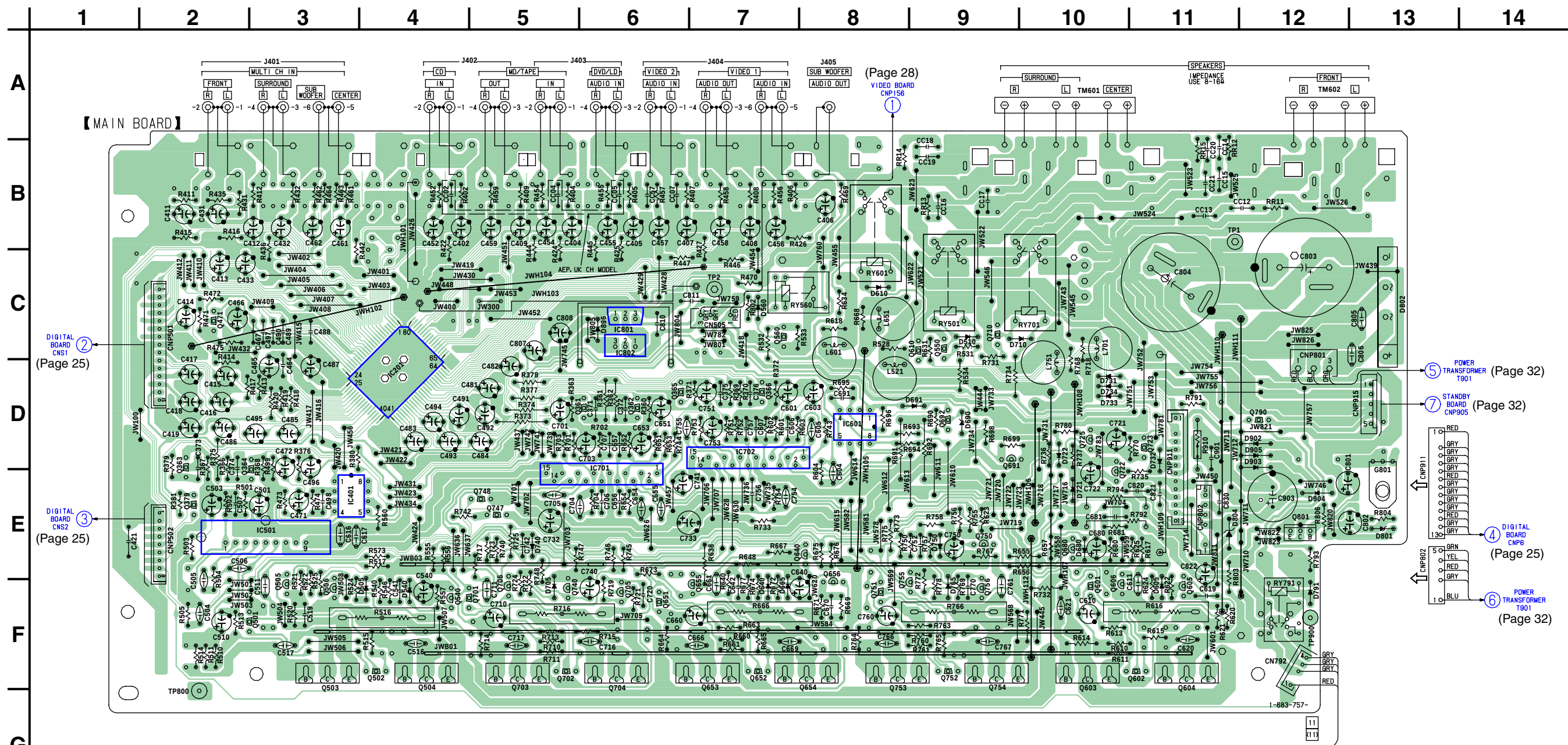
- $\circ$: partes extraídas do lado componente
- $\square$: partes do lado que nao pode ser visto
- Indicação de transistor



• Formas de Ondas (DIGITAL Board)

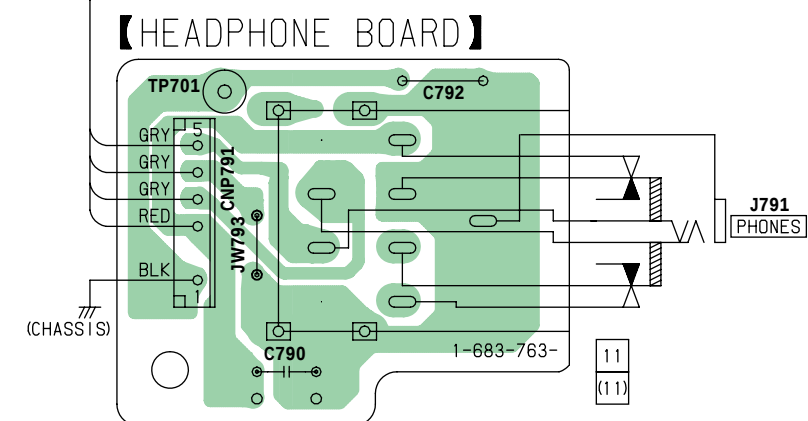


4-7. PLACA DE CIRCUITO IMPRESSO — SEÇÃO PRINCIPAL — • Refer to page 15 for Circuit Boards Location and page 20 for Common Note on Printed Wiring Boards.

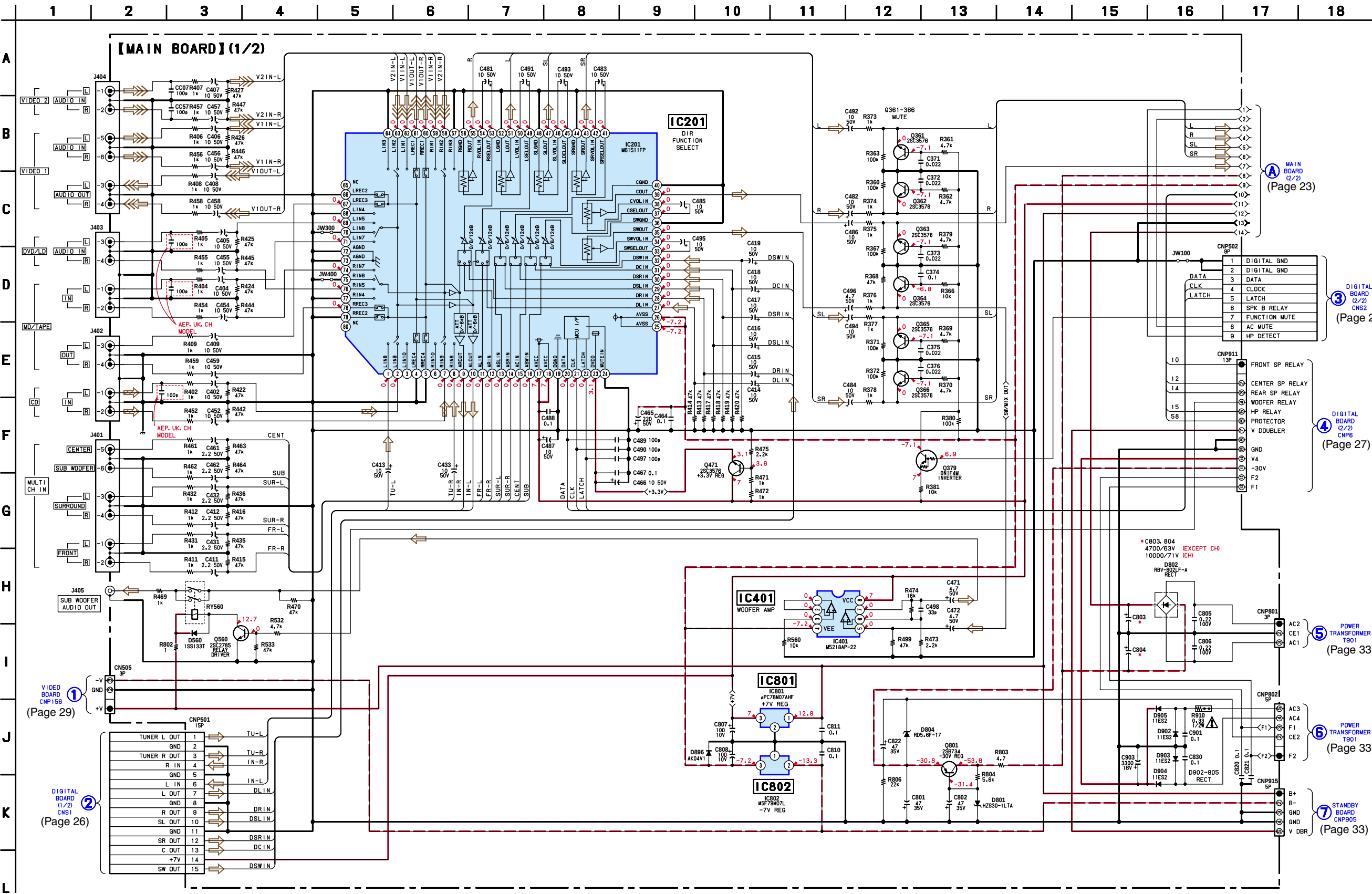


- **Localização do Semicondutor**

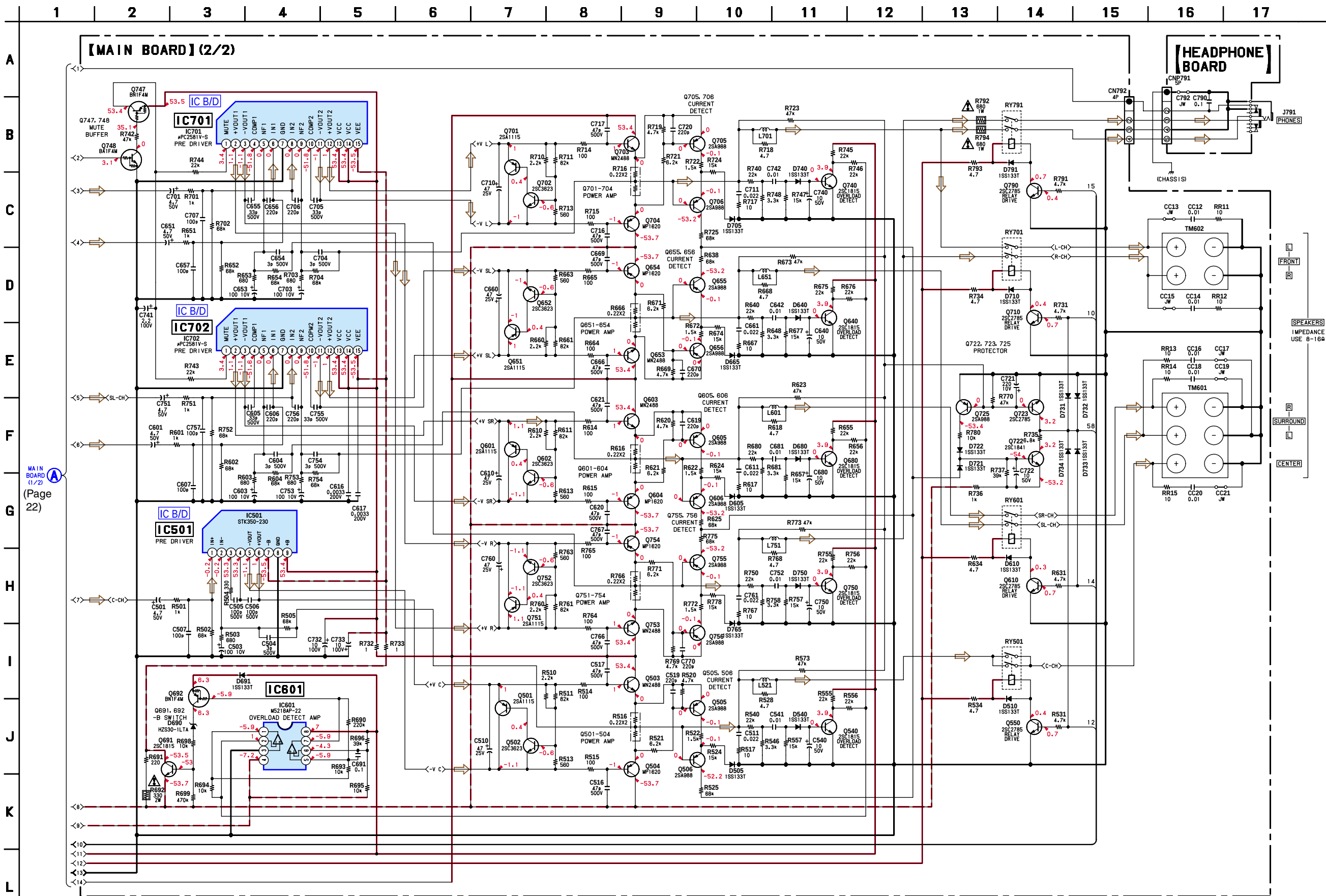
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D505	F-4	D750	E-9	Q361	D-5	Q604	F-11	Q710	C-9
D510	C-9	D765	F-9	Q362	D-6	Q605	F-11	Q722	E-10
D540	F-4	D791	F-12	Q363	D-2	Q606	F-10	Q723	D-11
D560	C-7	D801	E-13	Q364	D-2	Q610	C-9	Q725	D-10
D605	F-11	D802	C-13	Q365	D-6	Q640	E-8	Q740	F-5
D610	C-8	D804	E-11	Q366	D-7	Q651	F-6	Q747	E-5
D640	F-7	D896	C-6	Q379	E-2	Q652	F-7	Q748	E-5
D665	F-7	D902	D-12	Q471	C-2	Q653	F-7	Q750	E-9
D680	E-10	D903	D-12	Q501	F-3	Q654	F-8	Q751	F-8
D690	D-9	D904	E-12	Q502	F-4	Q655	F-7	Q752	F-9
D691	D-9	D905	D-12	Q503	F-3	Q656	E-8	Q753	F-8
D705	F-5			Q504	F-4	Q680	E-10	Q754	F-9
D710	C-9	IC201	D-4	Q505	F-3	Q691	D-9	Q755	F-8
D721	E-10	IC401	E-3	Q506	F-3	Q692	D-9	Q756	F-9
D722	D-10	IC501	E-3	Q540	F-4	Q701	F-5	Q790	D-12
D731	D-10	IC601	D-8	Q550	C-9	Q702	F-5	Q801	E-12
D732	D-11	IC701	E-6	Q560	C-7	Q703	F-5		
D733	D-10	IC702	D-7	Q601	F-10	Q704	F-6		
D734	D-10	IC801	C-6	Q602	F-11	Q705	F-6		
D740	E-5	IC802	C-6	Q603	F-10	Q706	F-5		



4-8. DIAGRAMA ESQUEMÁTICO — SEÇÃO PRINCIPAL (1/2) — • Refer to page 20 for Common Note on Schematic Diagram.

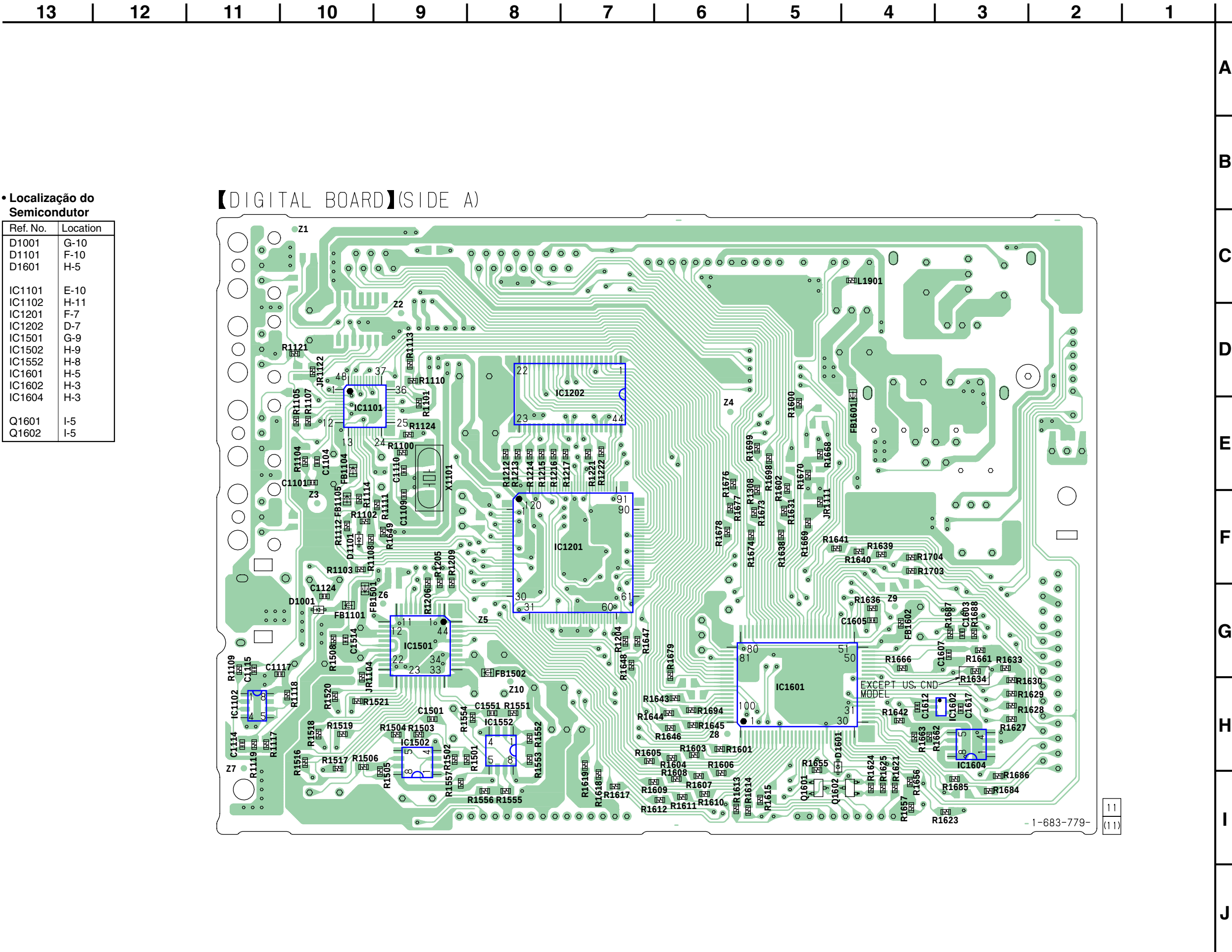


4-9. DIAGRAMA ESQUEMÁTICO — SEÇÃO PRINCIPAL (2/2) — • Refer to page 20 for Common Note on Schematic Diagram and page 34 for IC Block Diagrams.

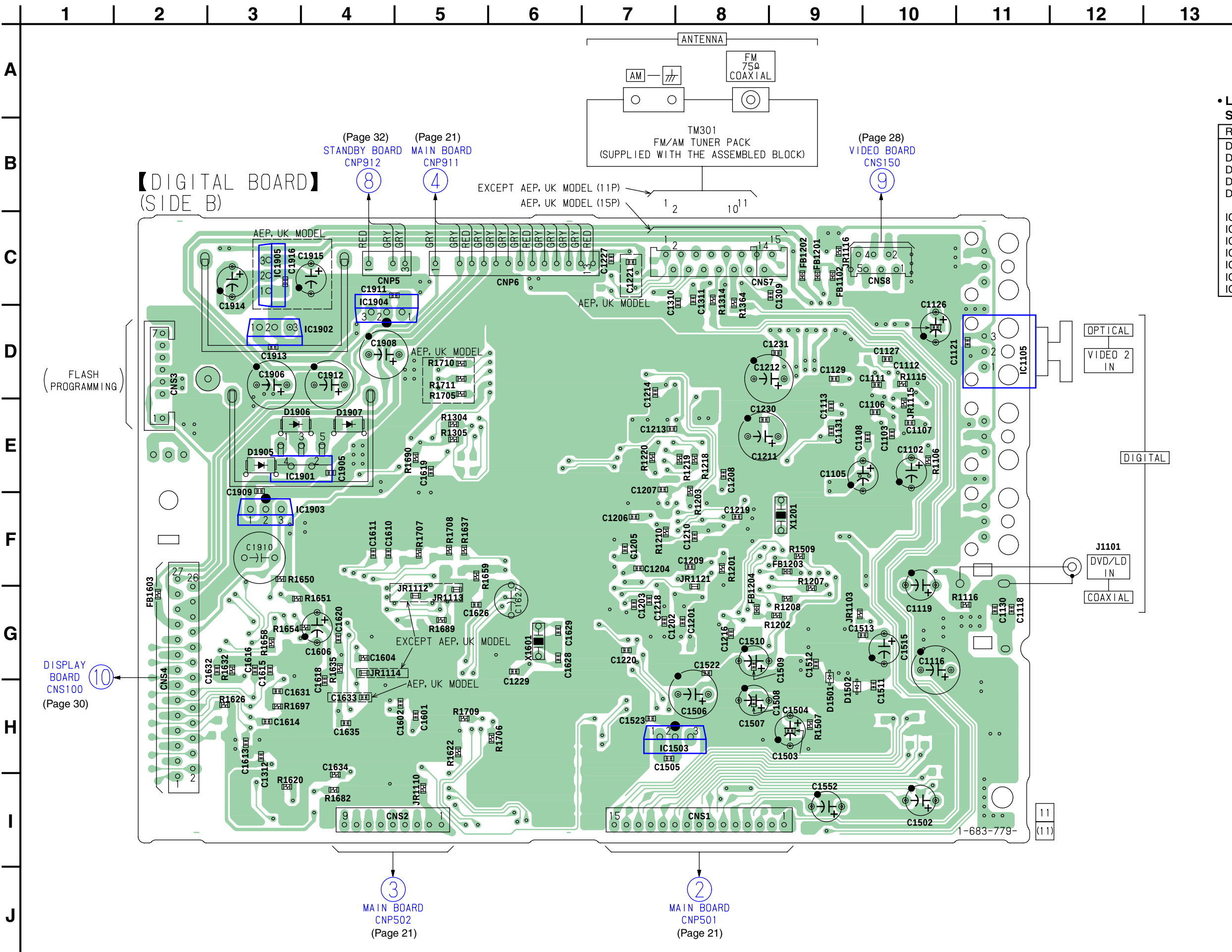


Os componentes identificados com a marca Δ são críticos para a segurança. Somente os substitua por peças numericamente identificadas nesse manual.

4-10. PLACA DE CIRCUITO IMPRESSO — SEÇÃO DIGITAL (1/2) — • Refer to page 15 for Circuit Boards Location and page 20 for Common Note on Printed Wiring Boards.



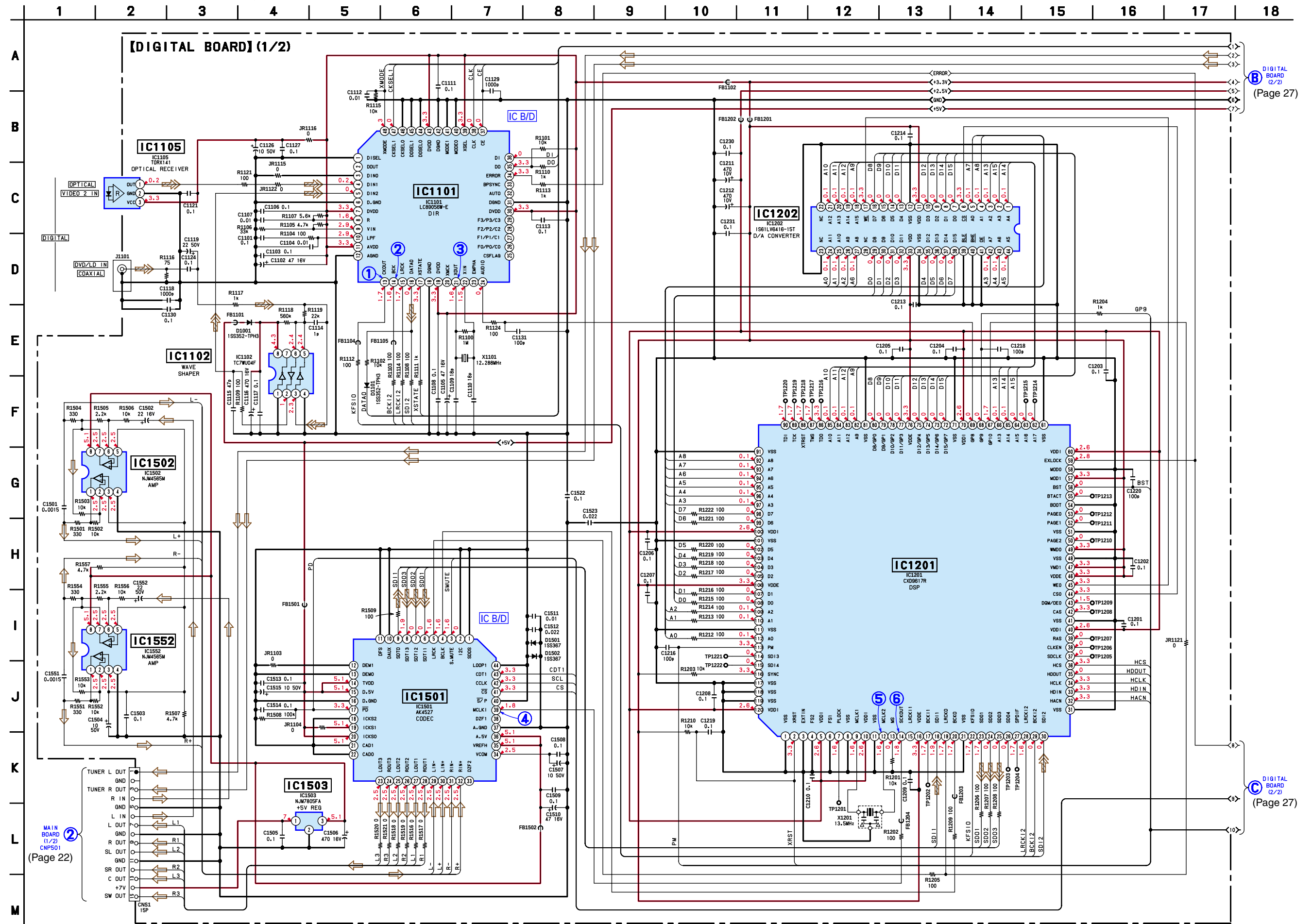
4-11. PLACA DE CIRCUITO IMPRESSO — SEÇÃO DIGITAL (2/2) —



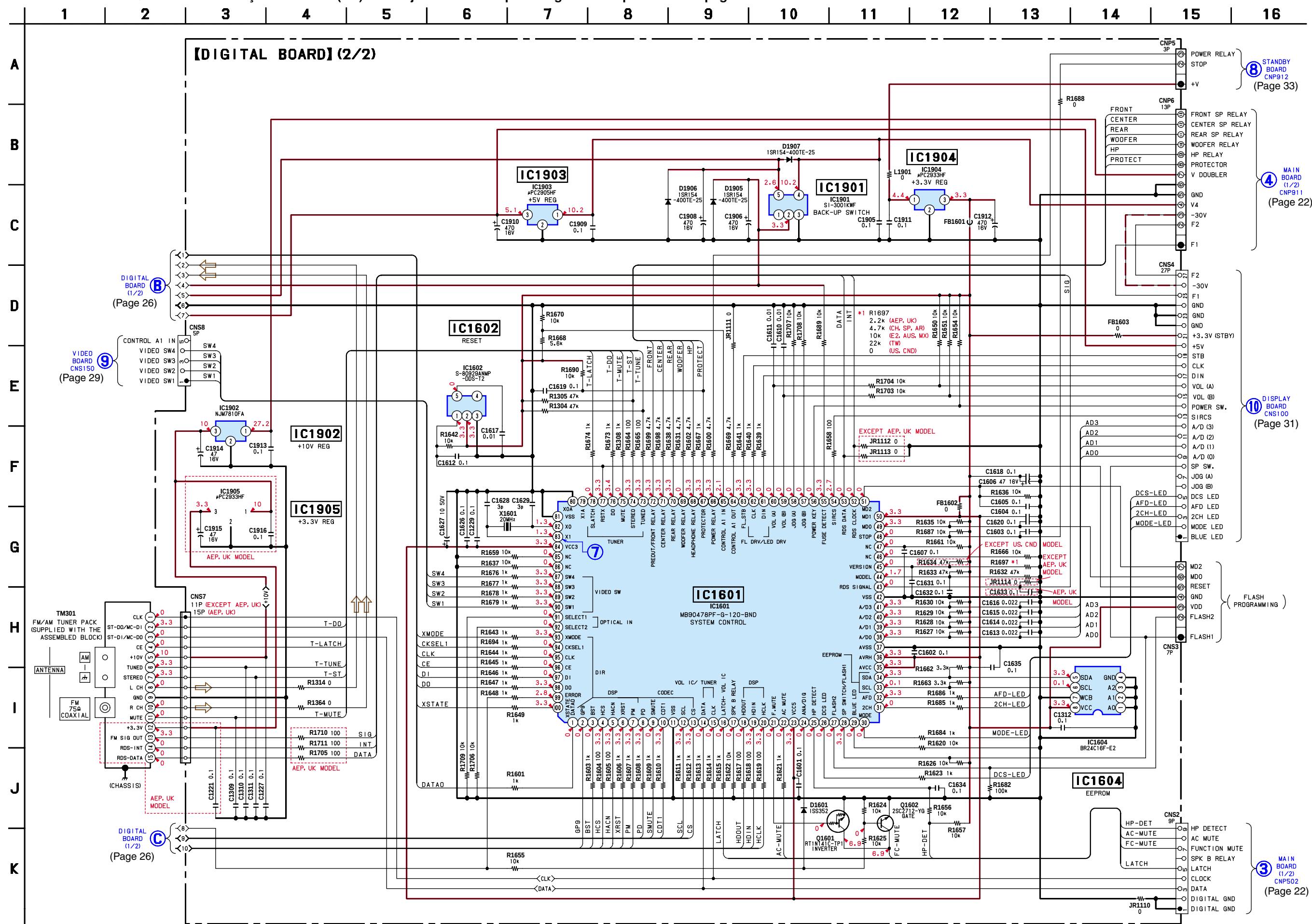
• Localização do Semicondutor

Ref. No.	Location
D1501	H-9
D1502	H-9
D1905	E-3
D1906	E-3
D1907	E-4
IC1105	D-11
IC1503	H-8
IC1901	E-3
IC1902	D-3
IC1903	F-3
IC1904	C-4
IC1905	C-3

4-12. DIAGRAMA ESQUEMÁTICO — SEÇÃO DIGITAL (1/2) — • Veja pág. 23 formas de onda e nota comum para diagramas esquemáticos.



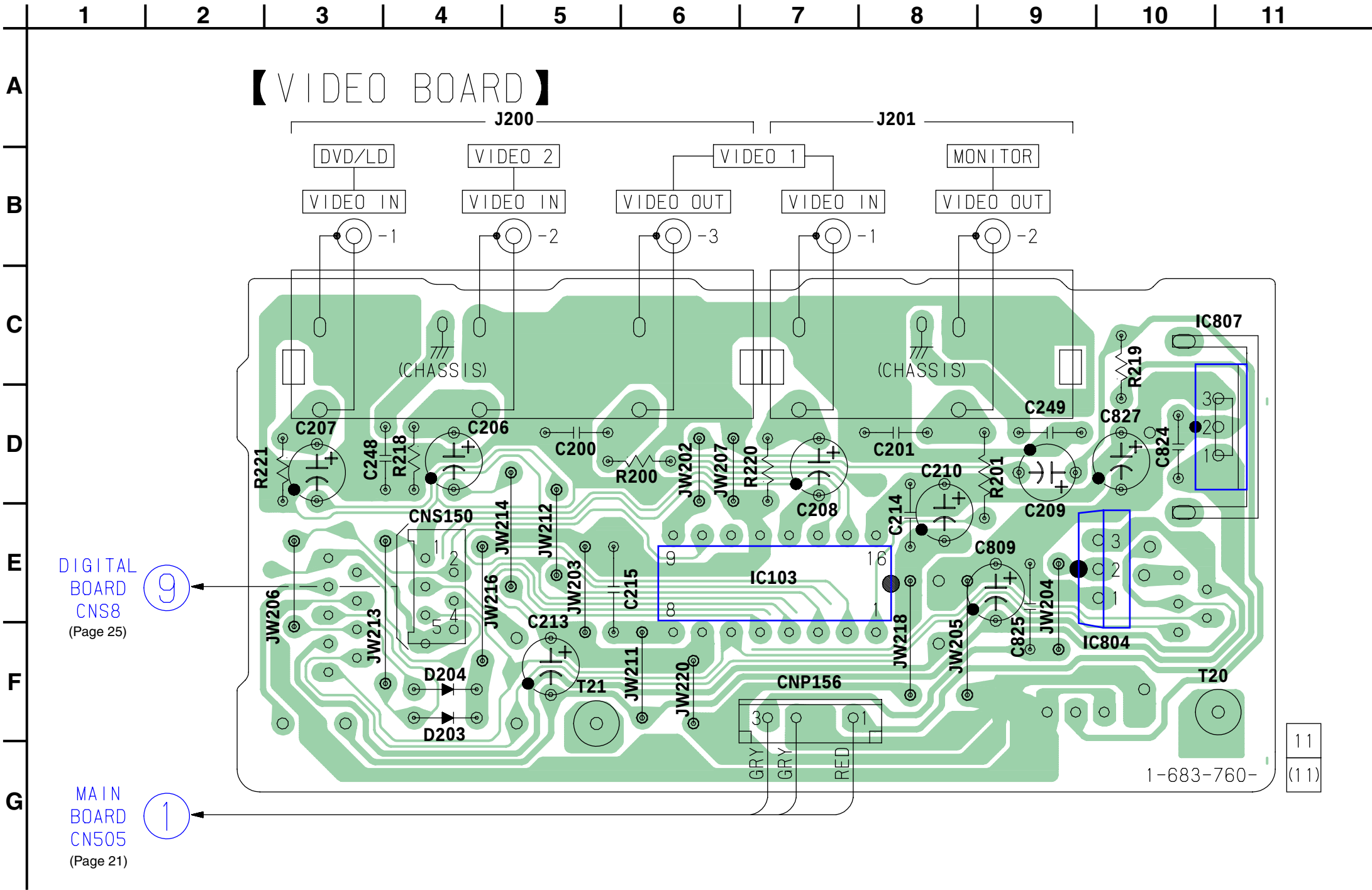
4-13. DIAGRAMA ESQUEMÁTICO — SEÇÃO DIGITAL (2/2) — • Veja nota comum para diagramas esquemáticos na página 23.



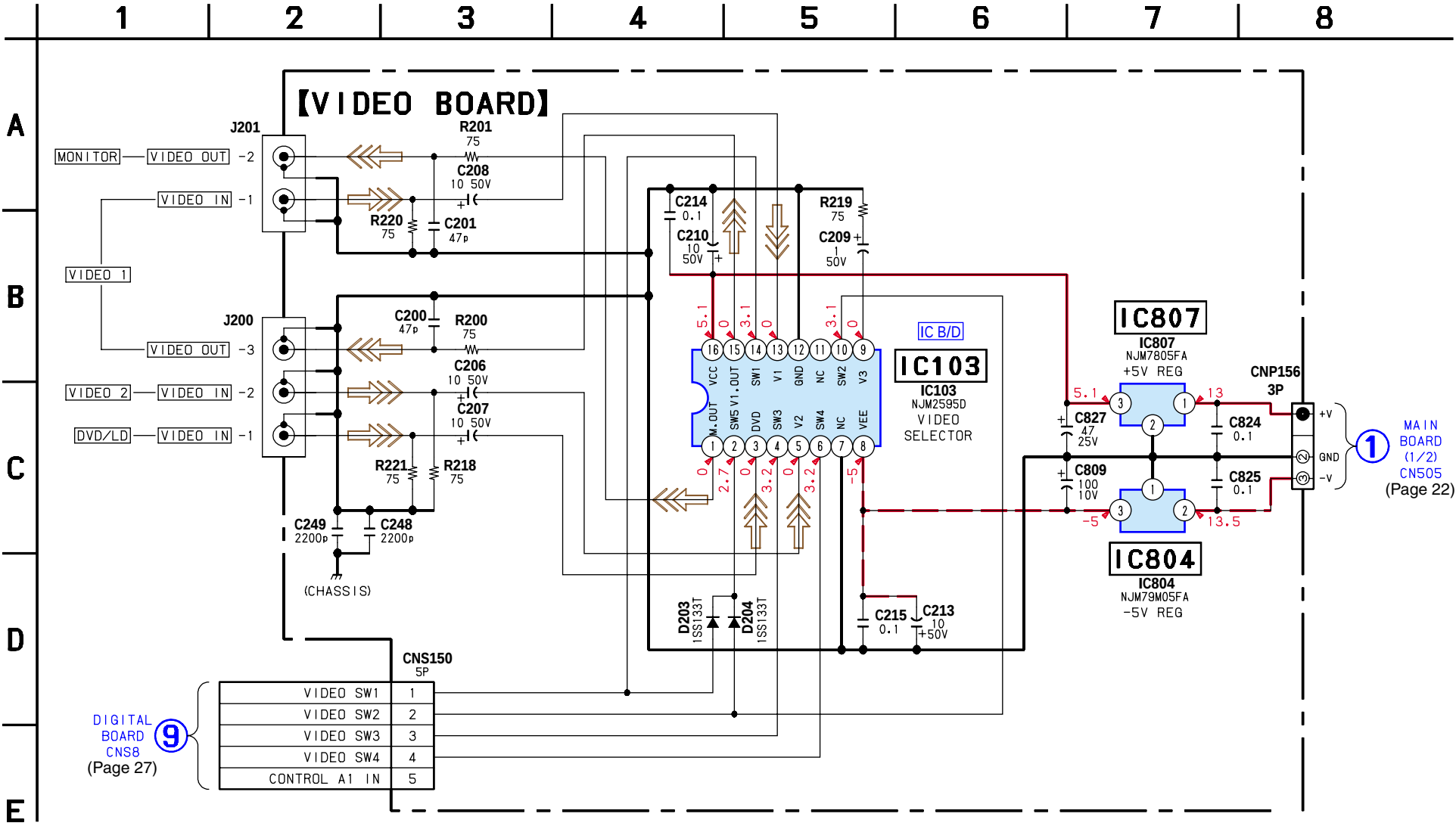
4-14. PLACA DE CIRCUITO IMPRESSO — SEÇÃO VIDEO — • Veja página 18 para localização das placas de circuito.

• Localização do Semicondutor

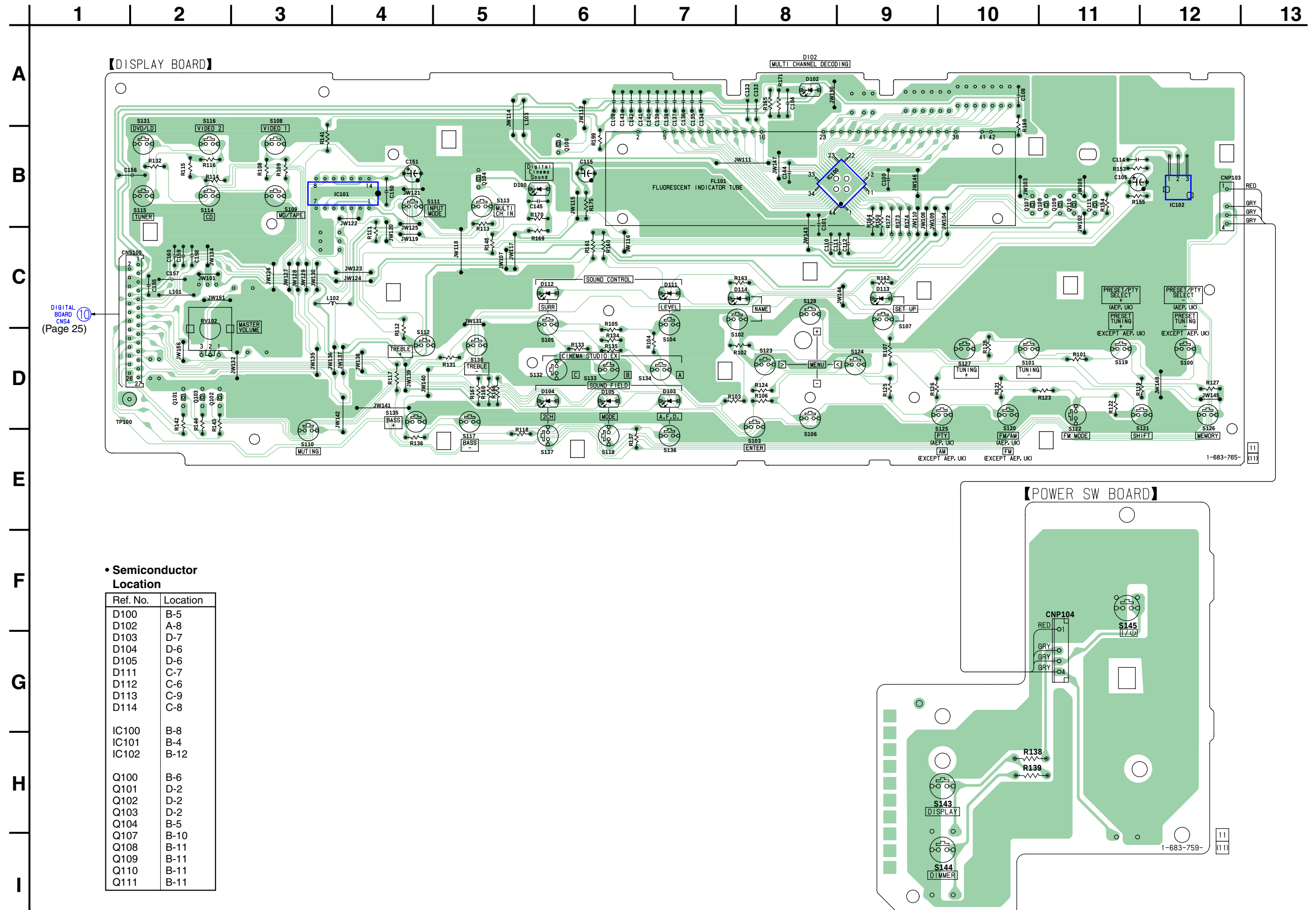
Ref. No.	Location
D203	F-4
D204	F-4
IC103	E-7
IC804	E-10
IC807	C-11



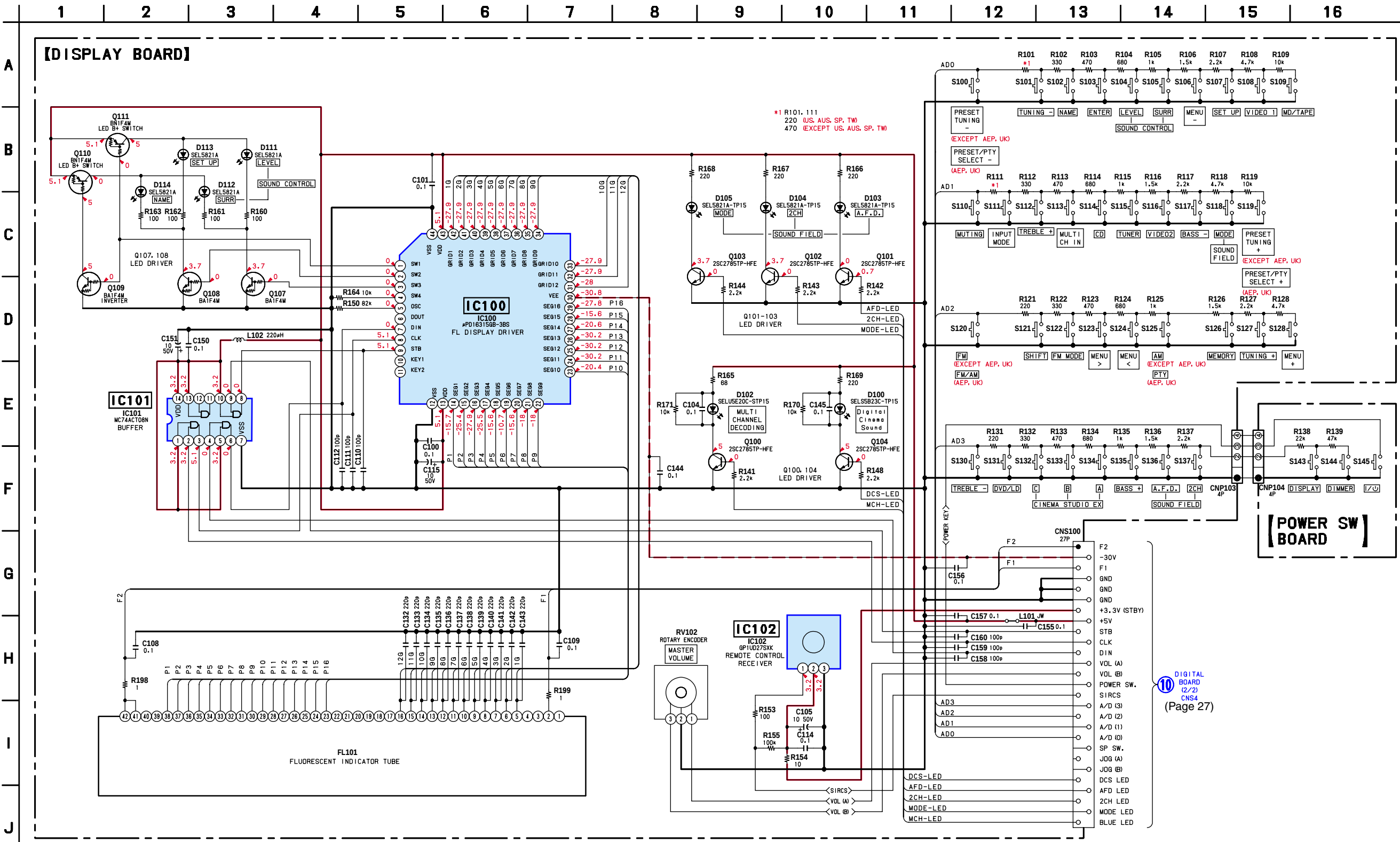
4-15. DIAGRAMA ESQUEMÁTICO — SEÇÃO VIDEO — • Veja na página 23 a nota comum para diagramas esquemáticos.



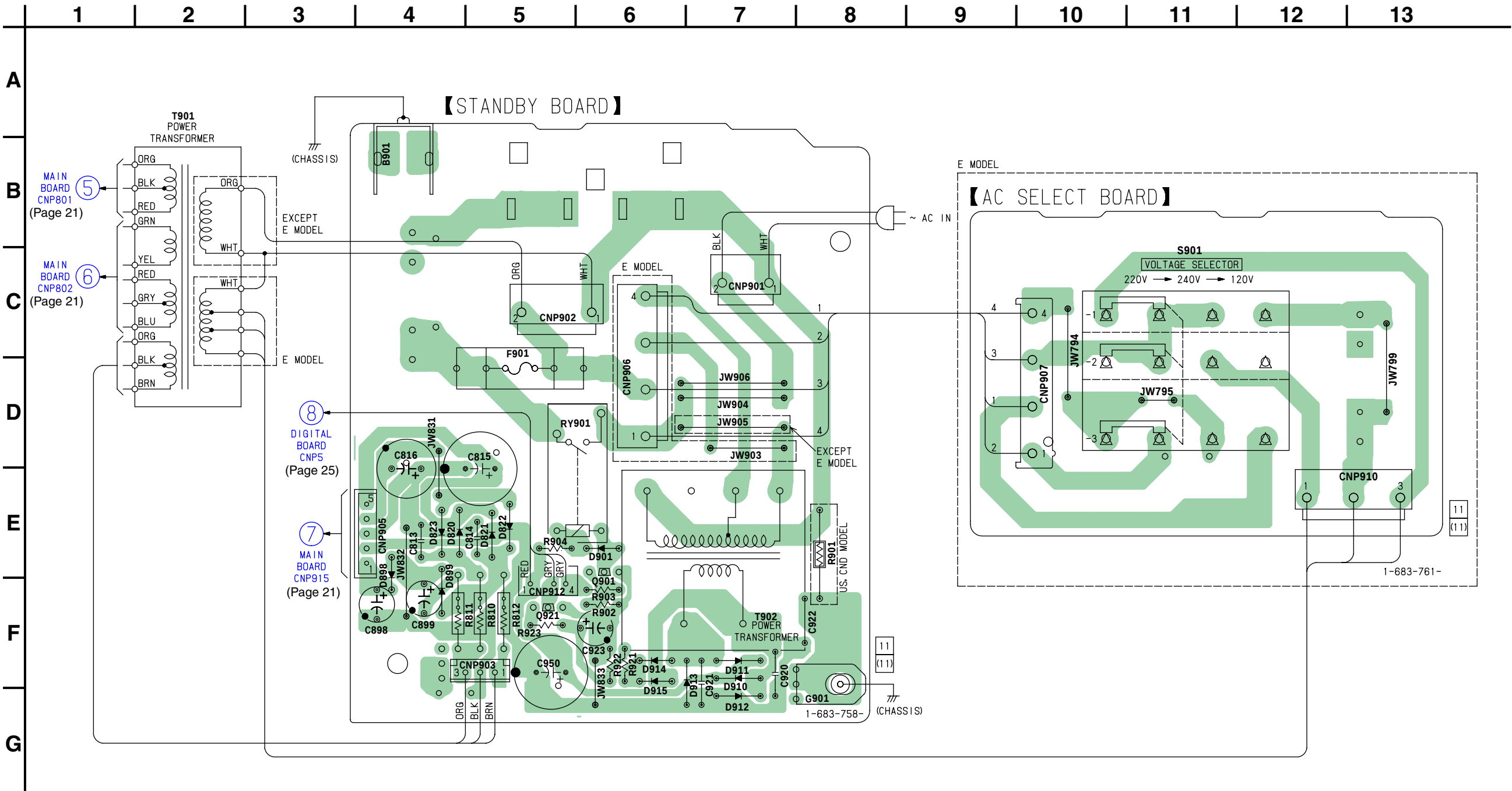
4-16. PLACA DE CIRCUITO IMPRESSO — SEÇÃO DISPLAY — • Veja a página 18 para localização das placas de circuito.



4-17. DIAGRAMA ESQUEMÁTICO — SEÇÃO DISPLAY —



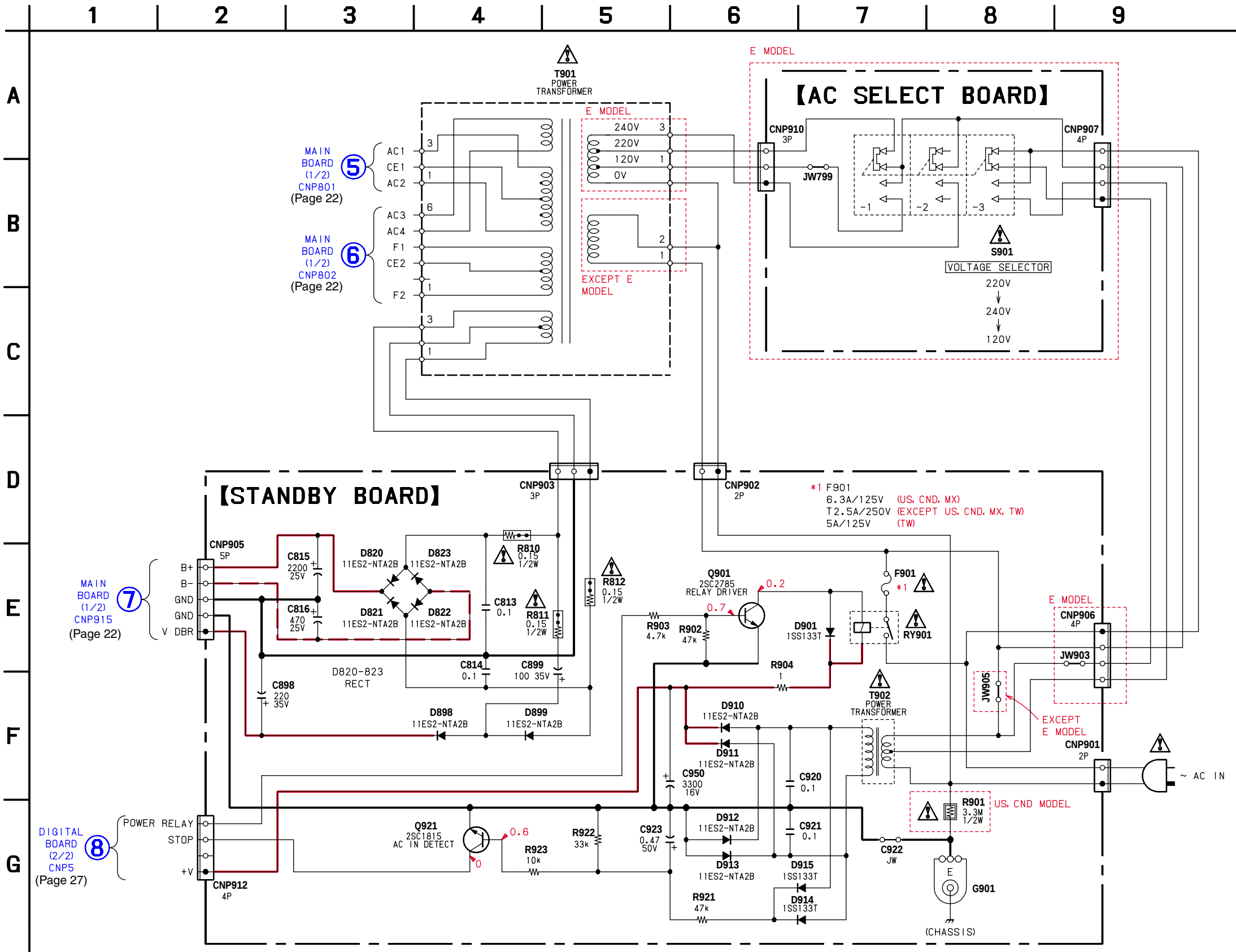
4-18. PLACA DE CIRCUITO IMPRESSO — SEÇÃO POWER — • Veja na página 18 a localização das placas de circuito e na página 23 a toda comum a todos os diagramas esquemáticos



• Semiconductor Location

Ref. No.	Location
D820	E-4
D821	E-5
D822	E-5
D823	E-4
D898	E-4
D899	F-4
D901	E-6
D910	F-7
D911	F-7
D912	G-7
D913	F-7
D914	F-6
D915	F-6
Q901	F-6
Q921	F-5

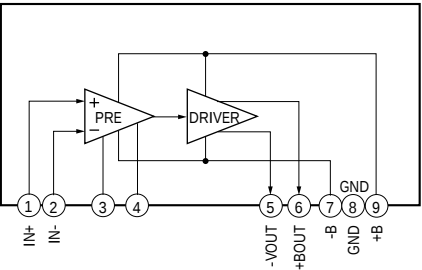
4-19. DIAGRAMA ESQUEMÁTICO — SEÇÃO POWER — • Veja a nota comum a todos os diagramas esquemáticos na página 23.



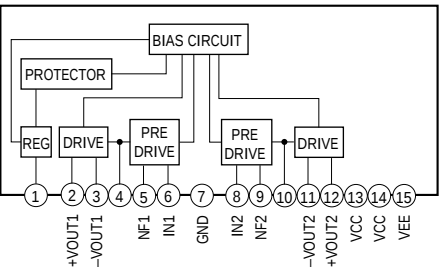
Os componentes identificados com a marca são críticos para a segurança. Somente os substitua por peças numericamente identificadas nesse manual.

4-20. DIAGRAMAS EM BLOCOS DO IC

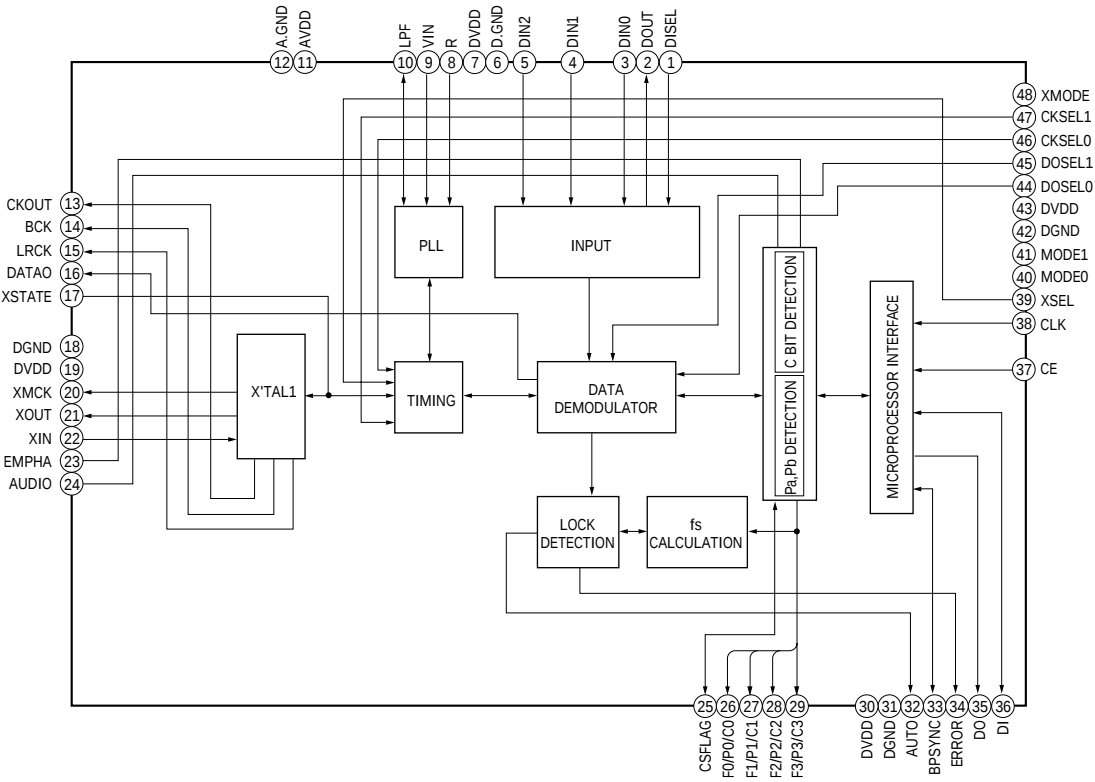
IC501 STK350-230 (MAIN BOARD (2/2))



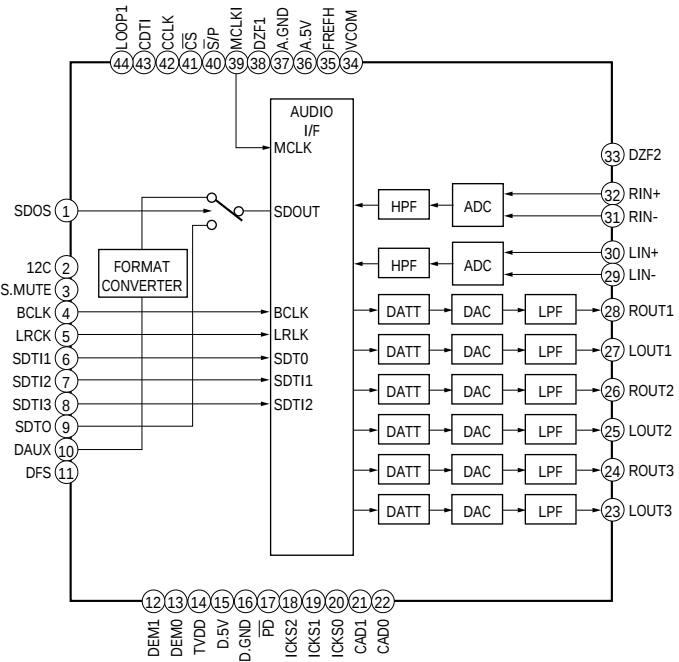
IC701 μ PC2581V (MAIN BOARD (2/2))
IC702 μ PC2581V (MAIN BOARD (2/2))



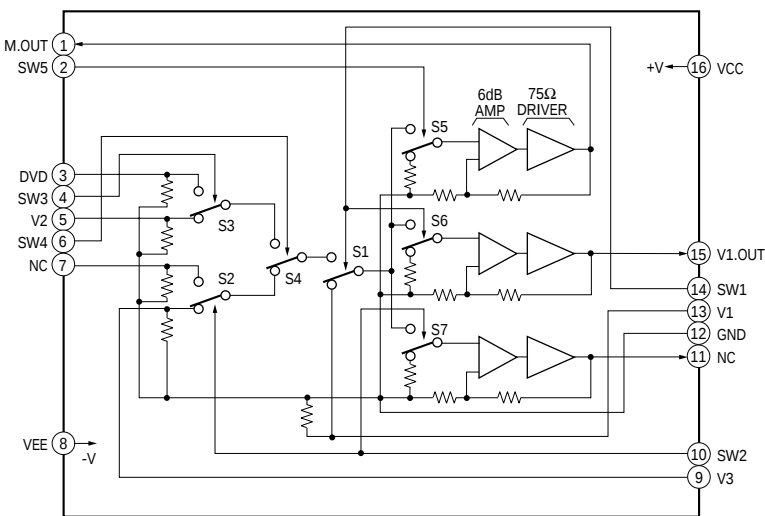
IC1101 LC89056W (DIGITAL BOARD (1/2))



IC1501 AK4527 (DIGITAL BOARD (1/2))



IC103 NJM2595 (VIDEO BOARD)



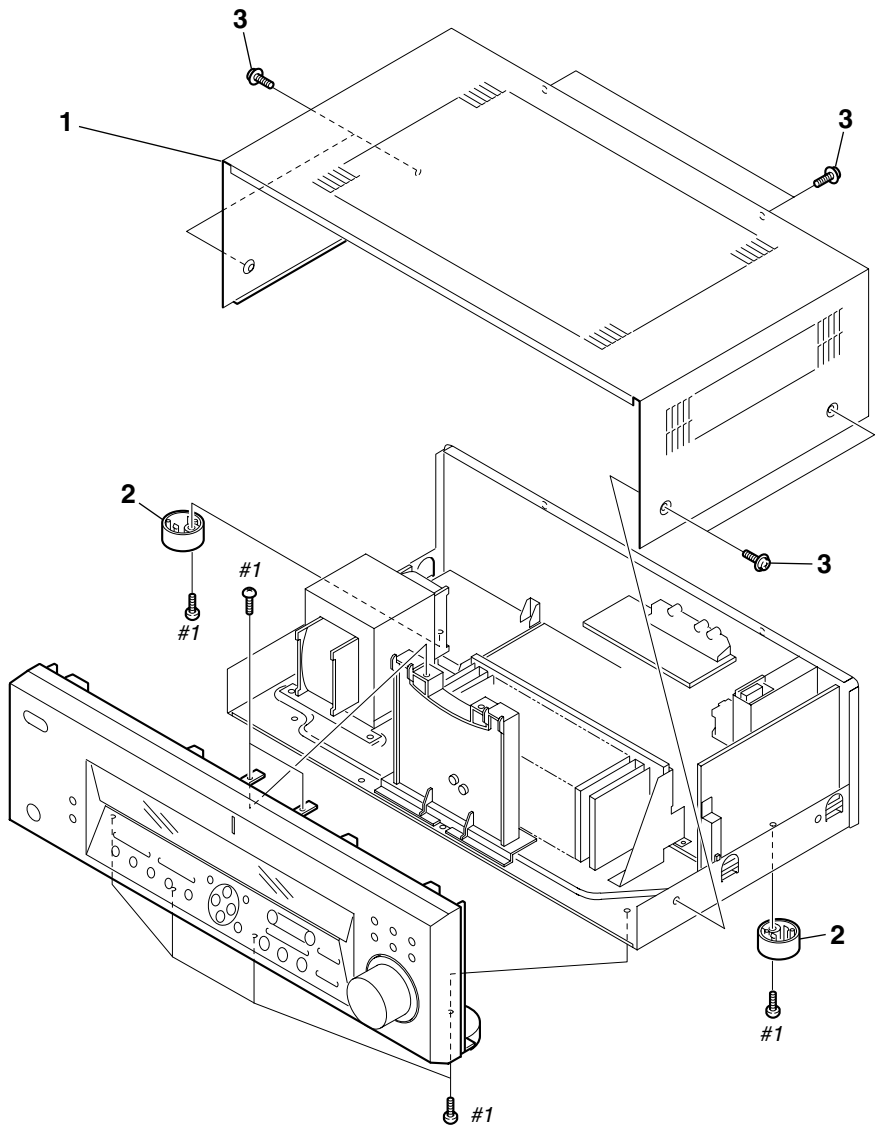
SEÇÃO 5
VISTAS EXPLODIDAS

NOTA:

- As partes mecânicas sem número de referência nas vistas explodidas não são fornecidas.
- Itens com a marca “*” não são mantidos em estoque por serem raramente solicitados. Atrasos podem ser evitados antecipando-se os pedidos para esses itens.
- -XX e -X indicam peça padrão, podendo apresentar alguma diferença da peça usada no aparelho.

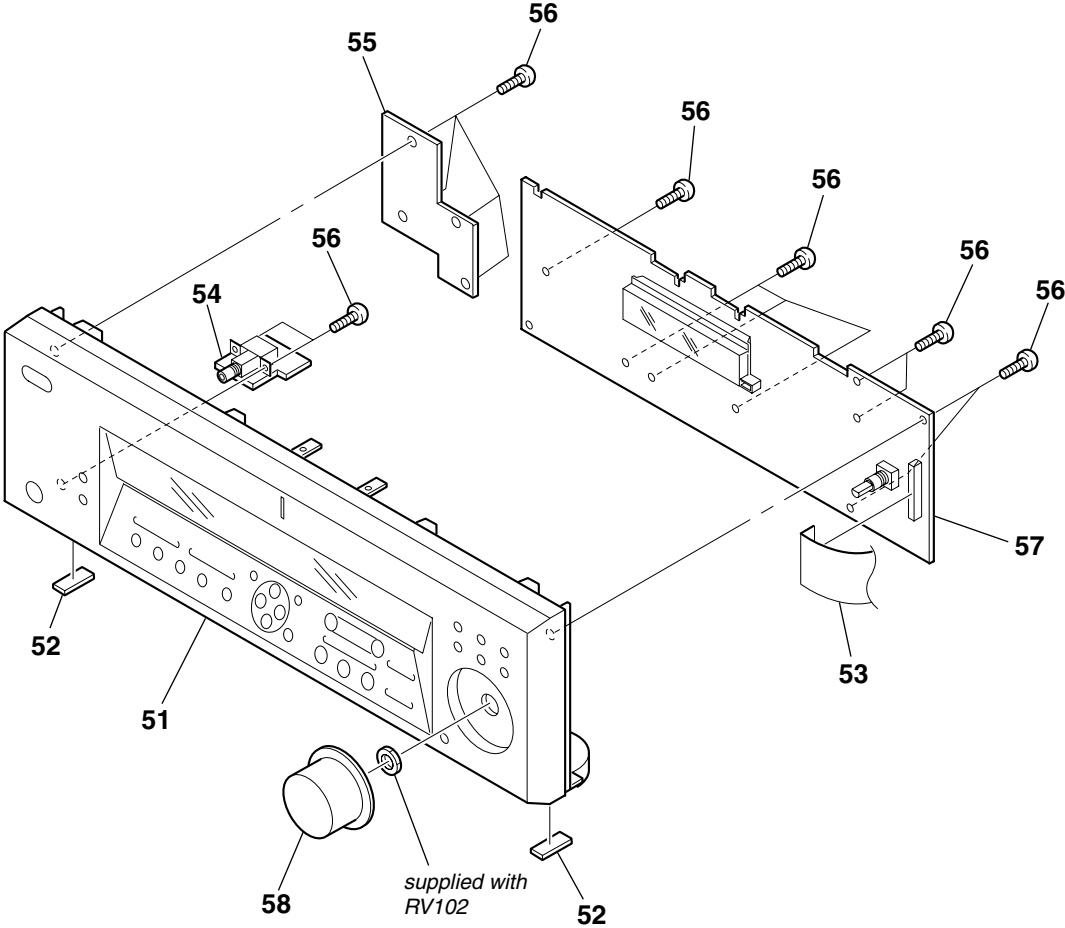
Os componentes identificados com a marca  são críticos para segurança. Somente os substitua por peças identificadas nesse manual.

5-1. SEÇÃO TAMPA



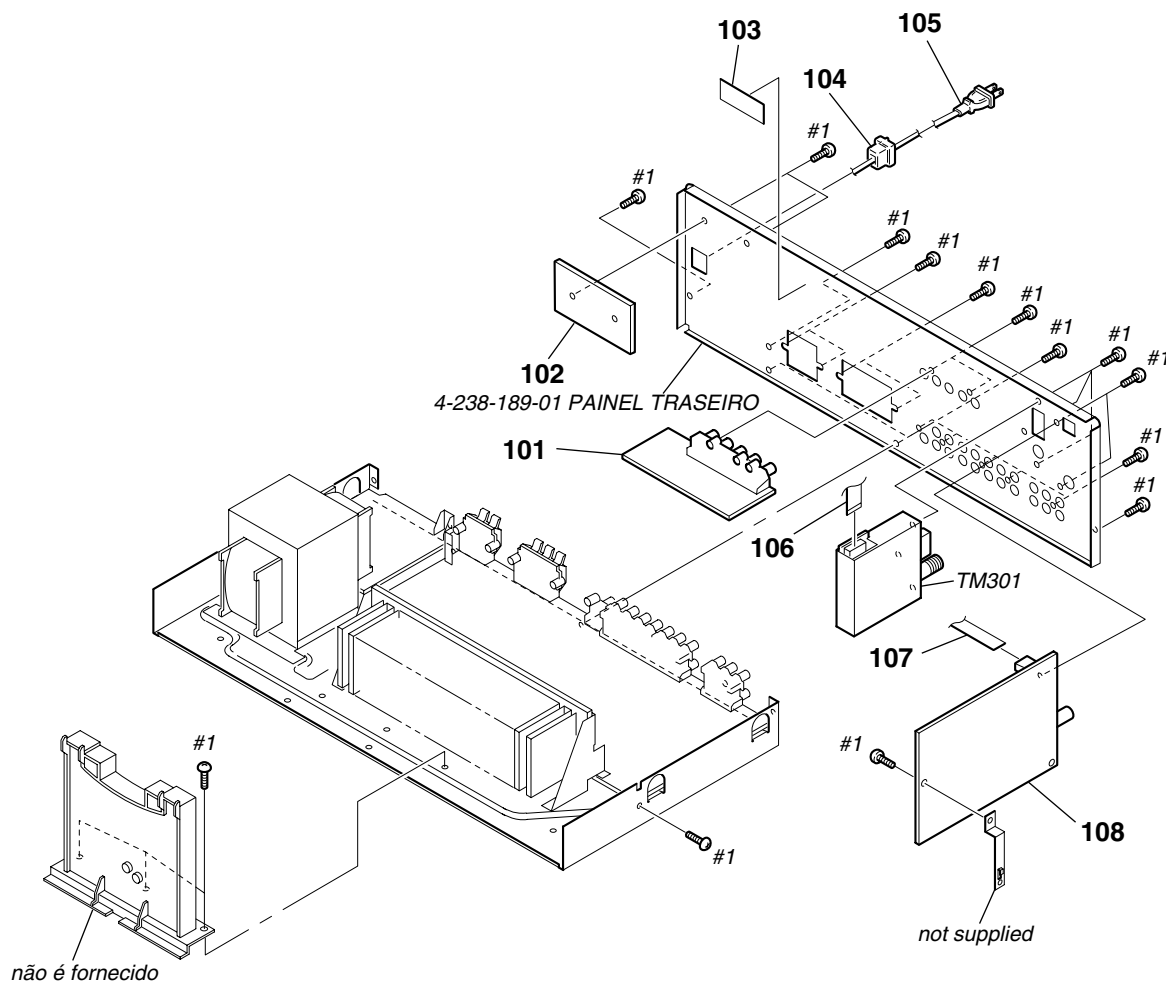
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	4-232-118-31	TAMPA SUPERIOR		3	4-210-291-11	SCREW (CASE3 TP2) (SILVER).	
2	4-232-236-11	ANEL ORNAMENTAL		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
2-1	4-232-237-01	PE					

5-2. SEÇÃO PAINEL FRONTAL



Ref. No.	Part No.	Description	Ref. No.	Part No.	Description	Remark
51	4-238-187-21	PAINEL FRONTAL	51-10	4-238-183-11	BOTÃO (TUNING)	
51-1	4-232-100-11	BOTÃO (DISPLAY)	51-11	4-238-184-11	BOTÃO (SC)	
51-2	4-232-105-01	BOTÃO (FN-DE4)	51-12	4-238-185-11	BOTÃO (MENU)	
51-3	4-232-106-11	BOTÃO (MUTING)	51-13	4-238-186-21	ESCUDO	
51-4	4-232-107-01	VISOR (DE4)	52	4-977-358-01	CUSHION	
51-5	4-232-111-01	INDICADOR (DIGITAL)	53	1-773-250-11	CABO TIPO FLAT (27 VIAS)	
51-6	4-232-112-01	INDICADOR (SUR)	54	1-683-763-11	HEADPHONE BOARD	
51-7	4-231-603-21	EMBLEMA SONY	55	1-683-759-11	POWER SW BOARD	
51-8	4-232-160-21	BOTÃO (POWER)	56	4-951-620-01	SCREW (2.6X8), +BVTP	
51-9	4-238-182-01	INDICADOR (LV)	57	Y-8373-893-A	PLACA DISPLAY MONTADA	
			58	4-232-160-21	KNOB (VOL)	

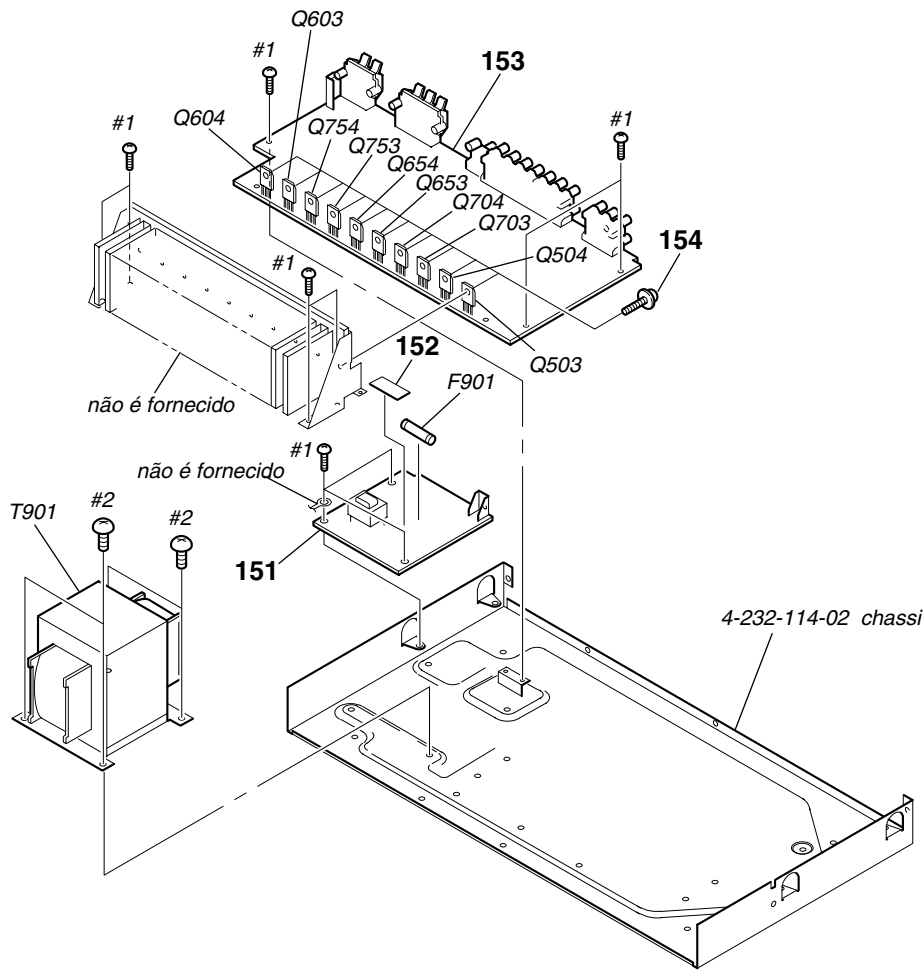
5-3. SEÇÃO -1 CHASSIS



		以阴影和 △ 标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。
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Ref. No.	Part No.	Description	Remark
101	A-4727-849-A	VIDEO BOARD, COMPLETE	
102	1-683-761-11	AC SELECT BOARD (E)	
103	3-703-044-26	LABEL, CAUTION (US)	
104	3-004-269-01	PRENSA CABO	
105	1-757-813-21	CABO DE FORÇA	
106	1-769-940-11	CABO TIPO FLAT (11 VIAS)	
107	1-765-315-11	CABO TIPO FLAT (7 VIAS)	
108	Y-8373-889-A	PLACA DIGITAL MONTADA	
TM301	1-693-577-21	TUNER PACK (FM/AM) (ANTENNA)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

5-4. SEÇÃO -2 CHASSIS



Os componentes identificados com a marca  são críticos para a segurança. Somente os substitua por peças numericamente identificadas nesse manual.		
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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	A-4728-005-A	STANDBY BOARD, COMPLETE		Q503	8-749-010-25	TRANSISTOR MN2488-OPY-M	
152	3-701-946-27	LABEL, FUSE RATING		Q504	8-749-010-26	TRANSISTOR MP1620-OPY-M	
153	Y-8373-891-A	PLACA PRINCIPAL MONTADA		Q603	8-749-010-25	TRANSISTOR MN2488-OPY-M	
154	3-905-609-01	SCREW (TRANSISTOR)		Q604	8-749-010-26	TRANSISTOR MP1620-OPY-M	
F901	1-532-469-11	FUSÍVEL (T2.5A/250V)		Q653	8-749-010-25	TRANSISTOR MN2488-OPY-M	
				Q654	8-749-010-26	TRANSISTOR MP1620-OPY-M	
				Q703	8-749-010-25	TRANSISTOR MN2488-OPY-M	
				Q704	8-749-010-26	TRANSISTOR MP1620-OPY-M	
				Q753	8-749-010-25	TRANSISTOR MN2488-OPY-M	
				Q754	8-749-010-26	TRANSISTOR MP1620-OPY-M	
				 T901	1-437-636-11	TRANSFORMADOR DE FORÇA	
				#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
				#2	7-685-880-09	SCREW +BVTT 4X6 (S)	

SEÇÃO 6

LISTA DE PEÇAS ELÉTRICAS

AC SELECT

DIGITAL

NOTE:

- Devido a padronização peças de reposição podem apresentar diferenças daquelas especificadas no manual ou das usadas no próprio aparelho.
- -XX e -X indicam peça padrão que pode apresentar diferenças daquela originalmente usada no aparelho.
- RESISTORES
Todos os resistores estão em ohms.
METAL:resistor de Metal-film
METAL OXIDE: resistor de Metal oxide-film
F:anti-chama
- Itens com a marca “*” não são mantidos em estoque por serem raramente solicitados.
Atrasos podem ser evitados antecipando-se os pedidos para estes itens.

- SEMICONDUTORES
Em cada caso, u : μ , por exemplo:
uA.. : μ A.. uPA.. : μ PA..
uPB.. : μ PB.. uPC.. : μ PC.. uPD.. : μ PD..
- CAPACITORES
uF : μ F
- INDUTORES
uH : μ H

Os componentes identificados com a marca Δ são críticos para a segurança. Somente as substitua por peças numericamente identificadas nesse manual.

以阴影和 Δ 标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

Quando solicitar peças pelo código, por favor inclua também o nome da placa.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	1-683-761-11	AC SELECT BOARD (E)		C1126	1-126-964-11	ELECT	10uF 20% 50V
	*****			C1127	1-164-156-11	CERAMIC CHIP	0.1uF 25V
		< CONNECTOR >		C1129	1-115-416-11	CERAMIC CHIP	0.001uF 5% 25V
				C1130	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C1131	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
* CNP910	1-564-687-11	PIN, CONNECTOR 3P (E)		C1201	1-164-156-11	CERAMIC CHIP	0.1uF 25V
		< SWITCH >		C1202	1-164-156-11	CERAMIC CHIP	0.1uF 25V
Δ S901	1-571-437-21	SWITCH, POWER VOL TAGE CHANGE (VOL TAGE SELECTOR) (E)		C1203	1-164-156-11	CERAMIC CHIP	0.1uF 25V
		*****		C1204	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C1205	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C1206	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C1207	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C1208	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C1209	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C1210	1-164-156-11	CERAMIC CHIP	0.1uF 25V
Y-8373-889-A		PLACA DIGITAL COMPLETA		C1211	1-126-935-11	ELECT	470uF 20% 10V
				C1212	1-126-935-11	ELECT	470uF 20% 10V
				C1213	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C1214	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C1216	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
		*****		C1218	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
				C1219	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C1220	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
7-685-646-79		SCREW +BVTP 3X8 TYPE2 IT	-3	C1227	1-164-156-11	CERAMIC CHIP	0.1uF 25V
		< CAP ACITOR >		C1229	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1101	1-164-156-11	CERAMIC CHIP	0.1uF 20% 25V	C1230	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1102	1-126-947-11	ELECT	47uF 20% 16V	C1231	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1103	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1309	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1104	1-162-974-11	CERAMIC CHIP	0.01uF 50V	C1310	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1105	1-126-947-11	ELECT	47uF 20% 16V	C1311	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1106	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1312	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1107	1-162-974-11	CERAMIC CHIP	0.01uF 50V	C1501	1-162-965-11	CERAMIC CHIP	0.0015uF 10% 50V
C1108	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1502	1-124-234-00	ELECT	22uF 20% 16V
C1109	1-162-918-11	CERAMIC CHIP	18PF 5% 50V	C1503	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1110	1-162-918-11	CERAMIC CHIP	18PF 5% 50V	C1504	1-126-964-11	ELECT	10uF 20% 50V
C1111	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1505	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1112	1-162-974-11	CERAMIC CHIP	0.01uF 50V	C1506	1-126-935-11	ELECT	470uF 20% 16V
C1113	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1507	1-126-964-11	ELECT	1 0uF 20% 50V
C1114	1-162-905-11	CERAMIC CHIP	1PF 0.25PF 50V	C1508	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1115	1-162-923-11	CERAMIC CHIP	47PF 5% 50V	C1509	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C1116	1-126-916-91	ELECT	1000uF 20% 16V	C1510	1-126-947-11	ELECT	47uF 20% 16V
C1117	1-164-156-11	CERAMIC CHIP	0.1uF 25V	C1511	1-162-974-11	CERAMIC CHIP	0.01uF 50V
C1118	1-115-416-11	CERAMIC CHIP	0.001uF 5% 25V	C1512	1-115-416-11	CERAMIC CHIP	0.001uF 25V
C1119	1-126-965-11	ELECT	22uF 20% 50V				
C1121	1-164-156-11	CERAMIC CHIP	0.1uF 25V				
C1124	1-164-156-11	CERAMIC CHIP	0.1uF 25V				

DIGITAL

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C1513	1-164-156-11	CERAMIC CHIP	0.1uF		25V	CNS3	1-784-923-11	PIN, CONNECTOR 7P			
C1514	1-164-156-11	CERAMIC CHIP	0.1uF		25V	CNS4	1-784-749-11	SOCKET, CONNECTOR (L TYPE) 27P			
C1515	1-126-925-91	ELECT	470uF	20%	10V	CNS7	1-784-772-11	SOCKET, CONNECTOR 11P			
C1522	1-164-156-11	CERAMIC CHIP	0.1uF		25V						
C1523	1-162-995-11	CERAMIC CHIP	0.022uF		50V	CNS8	1-784-768-11	SOCKET, CONNECTOR 7P			
								< DIODE >			
C1551	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V	D1001	8-719-016-75	DIODE 1SS352			
C1552	1-126-965-11	ELECT	22uF	20%	50V	D1101	8-719-016-75	DIODE 1SS352			
C1601	1-164-156-11	CERAMIC CHIP	0.1uF		25V	D1501	8-719-049-09	DIODE 1SS367-T3SONY			
C1602	1-164-156-11	CERAMIC CHIP	0.1uF		25V	D1502	8-719-049-09	DIODE 1SS367-T3SONY			
C1603	1-164-156-11	CERAMIC CHIP	0.1uF		25V	D1601	8-719-016-75	DIODE 1SS352			
C1604	1-164-156-11	CERAMIC CHIP	0.1uF		25V	D1905	8-719-053-18	DIODE 1SR154-400TE-25			
C1605	1-164-156-11	CERAMIC CHIP	0.1uF		25V	D1906	8-719-053-18	DIODE 1SR154-400TE-25			
C1606	1-126-947-11	ELECT	47uF	20%	16V	D1907	8-719-053-18	DIODE 1SR154-400TE-25			
C1607	1-164-156-11	CERAMIC CHIP	0.1uF		25V						
C1610	1-162-974-11	CERAMIC CHIP	0.01uF		50V			< FERRITE BEAD >			
C1611	1-162-974-11	CERAMIC CHIP	0.01uF		50V	FB1101	1-414-813-11	FERRITE, EMI (SMD)			
C1612	1-164-156-11	CERAMIC CHIP	0.1uF		25V	FB1102	1-414-813-11	FERRITE, EMI (SMD)			
C1613	1-162-995-11	CERAMIC CHIP	0.022uF		50V	FB1104	1-469-152-11	FERRITE, EMI (SMD)			
C1614	1-162-995-11	CERAMIC CHIP	0.022uF		50V	FB1105	1-469-152-11	FERRITE, EMI (SMD)			
C1615	1-162-995-11	CERAMIC CHIP	0.022uF		50V	FB1201	1-414-813-11	FERRITE, EMI (SMD)			
C1616	1-162-995-11	CERAMIC CHIP	0.022uF		50V	FB1202	1-414-813-11	FERRITE, EMI (SMD)			
C1617	1-162-974-11	CERAMIC CHIP	0.01uF		50V	FB1203	1-469-152-11	FERRITE, EMI (SMD)			
C1618	1-164-156-11	CERAMIC CHIP	0.1uF		25V	FB1204	1-469-152-11	FERRITE, EMI (SMD)			
C1619	1-164-156-11	CERAMIC CHIP	0.1uF		25V	FB1501	1-414-813-11	FERRITE, EMI (SMD)			
C1620	1-164-156-11	CERAMIC CHIP	0.1uF		25V	FB1502	1-414-813-11	FERRITE, EMI (SMD)			
C1626	1-164-156-11	CERAMIC CHIP	0.1uF		25V	FB1601	1-414-813-11	FERRITE, EMI (SMD)			
C1627	1-126-964-11	ELECT	10uF	20%	50V	FB1602	1-216-864-11	METAL CHIP 0	5%	1/16W	
C1628	1-162-908-11	CERAMIC CHIP	3PF	0.25PF	50V	FB1603	1-216-864-11	METAL CHIP 0	5%	1/16W	
C1629	1-162-908-11	CERAMIC CHIP	3PF	0.25PF	50V						
C1631	1-164-156-11	CERAMIC CHIP	0.1uF		25V			< IC >			
C1632	1-164-156-11	CERAMIC CHIP	0.1uF		25V	IC1101	8-759-825-15	IC LC89056W-E			
						IC1102	8-759-387-77	IC TC7WU04F			
C1634	1-164-156-11	CERAMIC CHIP	0.1uF		25V	IC1105	6-600-014-01	IC TORX141 (DIGITAL OPTICAL VIDEO 2 IN)			
C1635	1-164-156-11	CERAMIC CHIP	0.1uF		25V	IC1201	8-759-698-76	IC CXD9617R			
C1905	1-164-156-11	CERAMIC CHIP	0.1uF		25V	IC1202	6-700-983-01	IC IS61LV6416-15T(ICSI)			
C1906	1-126-935-11	ELECT	470uF	20%	16V	IC1501	8-759-657-47	IC AK4527			
C1908	1-126-935-11	ELECT	470uF	20%	16V	IC1502	8-759-274-71	IC NJM4565M-D			
C1909	1-164-156-11	CERAMIC CHIP	0.1uF		25V	IC1503	8-759-701-75	IC NJM7805FA			
C1910	1-126-935-11	ELECT	470uF	20%	16V	IC1552	8-759-274-71	IC NJM4565M-D			
C1911	1-164-156-11	CERAMIC CHIP	0.1uF		25V	IC1601	6-801-261-01	IC MB90478PF-G-120-BND			
C1912	1-126-935-11	ELECT	470uF	20%	16V	IC1602	8-759-714-20	IC S-80929ANMP-DDS-T2			
C1913	1-164-156-11	CERAMIC CHIP	0.1uF		25V	IC1604	8-759-641-86	IC BR24C16F-E2			
C1914	1-126-947-11	ELECT	47uF	20%	16V	IC1901	6-701-887-01	IC SI-3001KWF			
						IC1902	8-759-656-35	IC NJM7810FA			
						IC1903	8-759-647-11	IC uPC2905HF			
						IC1904	8-759-647-10	IC uPC2933HF			
								< JACK >			
CNP5	1-779-978-11	PIN, CONNECTOR 3P				J1101	1-794-972-11	JACK, PIN 1P (DIGITAL DVD/LD IN COAXIAL)			
CNP6	1-784-928-11	PIN, CONNECTOR 13P									
CNS1	1-764-880-41	CONNECTOR, BOARD TO BOARD 15P									
CNS2	1-784-041-41	CONNECTOR, BOARD TO BOARD 9P									

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
< JUMPER RESISTOR >							R1209	1-216-809-11	METAL CHIP	100	5%	1/16W	
							R1210	1-216-833-11	METAL CHIP	10K	5%	1/16W	
JR1103	1-216-864-11	METAL CHIP	0	5%	1/16W		R1212	1-216-809-11	METAL CHIP	100	5%	1/16W	
JR1104	1-216-864-11	METAL CHIP	0	5%	1/16W		R1213	1-216-809-11	METAL CHIP	100	5%	1/16W	
JR1110	1-216-295-11	SHORT	0				R1214	1-216-809-11	METAL CHIP	100	5%	1/16W	
JR1111	1-216-864-11	METAL CHIP	0	5%	1/16W								
							R1215	1-216-809-11	METAL CHIP	100	5%	1/16W	
							R1216	1-216-809-11	METAL CHIP	100	5%	1/16W	
							R1217	1-216-809-11	METAL CHIP	100	5%	1/16W	
							R1218	1-216-809-11	METAL CHIP	100	5%	1/16W	
							R1219	1-216-809-11	METAL CHIP	100	5%	1/16W	
JR1115	1-216-864-11	METAL CHIP	0	5%	1/16W		R1220	1-216-809-11	METAL CHIP	100	5%	1/16W	
JR1116	1-216-295-11	SHORT	0				R1221	1-216-809-11	METAL CHIP	100	5%	1/16W	
JR1121	1-216-864-11	METAL CHIP	0	5%	1/16W		R1222	1-216-809-11	METAL CHIP	100	5%	1/16W	
							R1304	1-216-841-11	METAL CHIP	47K	5%	1/16W	
JR1122	1-216-864-11	METAL CHIP	0	5%	1/16W		R1305	1-216-841-11	METAL CHIP	47K	5%	1/16W	
L1901	1-216-864-11	METAL CHIP	0	5%	1/16W								
< TRANSISTOR >							R1308	1-216-821-11	METAL CHIP	1K	5%	1/16W	
							R1314	1-216-864-11	METAL CHIP	0	5%	1/16W	
							R1364	1-216-864-11	METAL CHIP	0	5%	1/16W	
Q1601	8-729-038-23	TRANSISTOR	RT1N141C-TP-1				R1501	1-216-815-11	METAL CHIP	330	5%	1/16W	
Q1602	8-729-230-50	TRANSISTOR	2SC2712-YG				R1502	1-216-833-11	METAL CHIP	10K	5%	1/16W	
< RESISTOR >													
							R1503	1-216-833-11	METAL CHIP	10K	5%	1/16W	
R1100	1-216-857-11	METAL CHIP	1M	5%	1/16W		R1504	1-216-815-11	METAL CHIP	330	5%	1/16W	
R1101	1-216-833-11	METAL CHIP	10K	5%	1/16W		R1505	1-216-825-11	METAL CHIP	2.2K	5%	1/16W	
R1102	1-216-833-11	METAL CHIP	10K	5%	1/16W		R1506	1-216-837-91	METAL CHIP	22K	5%	1/16W	
R1103	1-216-809-11	METAL CHIP	100	5%	1/16W		R1507	1-216-829-11	METAL CHIP	4.7K	5%	1/16W	
R1104	1-216-809-11	METAL CHIP	100	5%	1/16W								
							R1508	1-216-845-11	METAL CHIP	100K	5%	1/16W	
R1105	1-216-829-11	METAL CHIP	4.7K	5%	1/16W		R1509	1-216-809-11	METAL CHIP	100	5%	1/16W	
R1106	1-216-839-11	METAL CHIP	33K	5%	1/16W		R1516	1-216-864-11	METAL CHIP	0	5%	1/16W	
R1107	1-216-830-11	METAL CHIP	5.6K	5%	1/16W		R1517	1-216-864-11	METAL CHIP	0	5%	1/16W	
R1108	1-216-809-11	METAL CHIP	100	5%	1/16W		R1518	1-216-864-11	METAL CHIP	0	5%	1/16W	
R1109	1-216-809-11	METAL CHIP	100	5%	1/16W								
							R1519	1-216-864-11	METAL CHIP	0	5%	1/16W	
R1110	1-216-821-11	METAL CHIP	1K	5%	1/16W		R1520	1-216-864-11	METAL CHIP	0	5%	1/16W	
R1111	1-216-821-11	METAL CHIP	1K	5%	1/16W		R1521	1-216-864-11	METAL CHIP	0	5%	1/16W	
R1112	1-216-809-11	METAL CHIP	100	5%	1/16W		R1551	1-216-815-11	METAL CHIP	330	5%	1/16W	
R1113	1-216-821-11	METAL CHIP	1K	5%	1/16W		R1552	1-216-833-11	METAL CHIP	10K	5%	1/16W	
R1114	1-216-809-11	METAL CHIP	100	5%	1/16W								
							R1553	1-216-833-11	METAL CHIP	10K	5%	1/16W	
R1115	1-216-833-11	METAL CHIP	10K	5%	1/16W		R1554	1-216-815-11	METAL CHIP	330	5%	1/16W	
R1116	1-218-285-11	RES-CHIP	75	5%	1/10W		R1555	1-216-825-11	METAL CHIP	2.2K	5%	1/16W	
R1117	1-216-821-11	METAL CHIP	1K	5%	1/16W		R1556	1-216-837-91	METAL CHIP	22K	5%	1/16W	
R1118	1-216-854-11	METAL CHIP	560K	5%	1/16W		R1557	1-216-829-11	METAL CHIP	4.7K	5%	1/16W	
R1119	1-216-837-11	METAL CHIP	22K	5%	1/16W								
							R1600	1-216-829-11	METAL CHIP	4.7K	5%	1/16W	
R1121	1-216-809-11	METAL CHIP	100	5%	1/16W		R1601	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R1124	1-216-809-11	METAL CHIP	100	5%	1/16W		R1602	1-216-829-11	METAL CHIP	4.7K	5%	1/16W	
R1201	1-216-833-11	METAL CHIP	10K	5%	1/16W		R1603	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R1202	1-216-809-11	METAL CHIP	100	5%	1/16W		R1604	1-216-809-11	METAL CHIP	100	5%	1/16W	
R1203	1-216-833-11	METAL CHIP	10K	5%	1/16W								
							R1605	1-216-809-11	METAL CHIP	100	5%	1/16W	
R1204	1-216-821-11	METAL CHIP	1K	5%	1/16W		R1606	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R1205	1-216-809-11	METAL CHIP	100	5%	1/16W		R1607	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R1206	1-216-809-11	METAL CHIP	100	5%	1/16W		R1608	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R1207	1-216-809-11	METAL CHIP	100	5%	1/16W		R1609	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R1208	1-216-809-11	METAL CHIP	100	5%	1/16W								
							R1610	1-216-821-11	METAL CHIP	1K	5%	1/16W	
							R1611	1-216-821-11	METAL CHIP	1K	5%	1/16W	
							R1612	1-216-821-11	METAL CHIP	1K	5%	1/16W	

DIGITAL

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R1613	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1669	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1614	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1670	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1615	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1673	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1617	1-216-809-11	METAL CHIP	100	5%	1/16W	R1674	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1618	1-216-809-11	METAL CHIP	100	5%	1/16W	R1676	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1619	1-216-809-11	METAL CHIP	100	5%	1/16W	R1677	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1620	1-216-833-11	METAL CHIP	10K	5%	1/16W	R1678	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1621	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1679	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1622	1-216-833-11	METAL CHIP	10K	5%	1/16W	R1682	1-216-845-11	METAL CHIP	100K	5%	1/16W
R1623	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1684	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1624	1-216-833-11	METAL CHIP	10K	5%	1/16W	R1685	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1625	1-216-833-11	METAL CHIP	10K	5%	1/16W	R1686	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1626	1-216-833-11	METAL CHIP	10K	5%	1/16W	R1687	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1627	1-216-833-11	METAL CHIP	10K	5%	1/16W	R1688	1-216-864-11	METAL CHIP	0	5%	1/16W
R1628	1-216-833-11	METAL CHIP	10K	5%	1/16W	R1689	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1629	1-216-833-11	METAL CHIP	10K	5%	1/16W	R1691	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1630	1-216-833-11	METAL CHIP	10K	5%	1/16W	R1690	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1631	1-216-829-11	METAL CHIP	4.7K	5%	1/16W	R1694	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1632	1-216-841-11	METAL CHIP	47K	5%	1/16W						
R1633	1-216-841-11	METAL CHIP	47K	5%	1/16W						
R1634	1-216-841-11	METAL CHIP	47K	5%	1/16W						
R1635	1-216-833-11	METAL CHIP	10K	5%	1/16W						
R1636	1-216-833-11	METAL CHIP	10K	5%	1/16W						
R1637	1-216-833-11	METAL CHIP	10K	5%	1/16W						
R1638	1-216-829-11	METAL CHIP	4.7K	5%	1/16W						
R1639	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1698	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1640	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1699	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1641	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1703	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1642	1-216-833-11	METAL CHIP	10K	5%	1/16W						
R1643	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1704	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1644	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1705	1-216-809-11	METAL CHIP	100	5%	1/16W
R1645	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1706	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1646	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1707	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1647	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1708	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1648	1-216-821-11	METAL CHIP	1K	5%	1/16W						
R1649	1-216-821-11	METAL CHIP	1K	5%	1/16W	R1709	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1650	1-216-833-11	METAL CHIP	10K	5%	1/16W	R1710	1-216-809-11	METAL CHIP	100	5%	1/16W
R1651	1-216-833-11	METAL CHIP	10K	5%	1/16W	R1711	1-216-809-11	METAL CHIP	100	5%	1/16W
R1654	1-216-833-11	METAL CHIP	10K	5%	1/16W						
R1655	1-216-833-11	METAL CHIP	10K	5%	1/16W						
R1656	1-216-833-11	METAL CHIP	10K	5%	1/16W						
R1657	1-216-833-11	METAL CHIP	10K	5%	1/16W						
R1658	1-216-809-11	METAL CHIP	100	5%	1/16W						
R1659	1-216-833-11	METAL CHIP	10K	5%	1/16W						
R1661	1-216-833-11	METAL CHIP	10K	5%	1/16W						
R1662	1-216-827-11	METAL CHIP	3.3K	5%	1/16W						
R1663	1-216-827-11	METAL CHIP	3.3K	5%	1/16W						
R1664	1-216-809-11	METAL CHIP	100	5%	1/16W						
R1665	1-216-809-11	METAL CHIP	100	5%	1/16W						
R1666	1-216-833-11	METAL CHIP	10K	5%	1/16W						
R1667	1-216-821-11	METAL CHIP	1K	5%	1/16W						
R1668	1-216-830-11	METAL CHIP	5.6K	5%	1/16W						

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
	Y-8373-893-A	DISPLAY BOARD, COMPLETE					D113	8-719-046-39	LED	SEL5821A-TP15 (SET UP)			
		*****					D114	8-719-046-39	LED	SEL5821A-TP15 (NAME)			
									< FLUORESCENT INDICATOR >				
	3-386-245-21	HOLDER (FL)					FL101	1-518-718-11	INDICATOR TUBE, FLUORESCENT				
*	4-921-941-01	CUSHION (FL)							< IC >				
		< CAPACITOR >					IC100	8-759-643-83	IC	uPD16315GB-3BS			
							IC101	8-759-036-90	IC	MC74ACT08N			
							IC102	6-600-055-01	IC	GP1UD27SXK			
C100	1-164-159-11	CERAMIC	0.1uF		50V				< COIL >				
C101	1-164-159-11	CERAMIC	0.1uF		50V								
C104	1-164-159-11	CERAMIC	0.1uF		50V								
C105	1-126-795-11	ELECT	10uF	20%	50V								
C108	1-164-159-11	CERAMIC	0.1uF		50V		L102	1-410-336-31	INDUCTOR		220uH		
									< TRANSISTOR >				
C109	1-164-159-11	CERAMIC	0.1uF		50V								
C110	1-128-825-21	CERAMIC	2200PF	5%	50V		Q100	8-729-119-78	TRANSISTOR	2SC2785-HFE			
C111	1-128-809-11	CERAMIC	100PF	5%	50V		Q101	8-729-119-78	TRANSISTOR	2SC2785-HFE			
C112	1-128-809-11	CERAMIC	100PF	5%	50V		Q102	8-729-119-78	TRANSISTOR	2SC2785-HFE			
C114	1-164-159-11	CERAMIC	0.1uF		50V		Q103	8-729-119-78	TRANSISTOR	2SC2785-HFE			
							Q104	8-729-119-78	TRANSISTOR	2SC2785-HFE			
C115	1-126-795-11	ELECT	10uF	20%	50V								
C132	1-128-813-11	CERAMIC	220PF	5%	50V		Q107	8-729-900-36	TRANSISTOR	DTC124ES			
C133	1-128-813-11	CERAMIC	220PF	5%	50V		Q108	8-729-900-36	TRANSISTOR	DTC124ES			
C134	1-128-813-11	CERAMIC	220PF	5%	50V		Q109	8-729-900-36	TRANSISTOR	DTC124ES			
C135	1-128-813-11	CERAMIC	220PF	5%	50V		Q110	8-729-900-63	TRANSISTOR	DTA124ES			
							Q111	8-729-900-63	TRANSISTOR	DTA124ES			
C136	1-128-813-11	CERAMIC	220PF	5%	50V				< RESISTOR >				
C137	1-128-813-11	CERAMIC	220PF	5%	50V								
C138	1-128-813-11	CERAMIC	220PF	5%	50V								
C139	1-128-813-11	CERAMIC	220PF	5%	50V								
C140	1-128-813-11	CERAMIC	220PF	5%	50V								
C141	1-128-813-11	CERAMIC	220PF	5%	50V		R101	1-247-823-91	CARBON		470	5%	1/4W
C142	1-128-813-11	CERAMIC	220PF	5%	50V								
C143	1-128-813-11	CERAMIC	220PF	5%	50V		R102	1-247-831-91	CARBON		1K	5%	1/4W
C144	1-164-159-11	CERAMIC	0.1uF		50V		R103	1-247-831-91	CARBON		1K	5%	1/4W
C145	1-164-159-11	CERAMIC	0.1uF		50V		R104	1-247-839-91	CARBON		2.2K	5%	1/4W
C150	1-164-159-11	CERAMIC	0.1uF		50V		R105	1-247-839-91	CARBON		2.2K	5%	1/4W
C151	1-126-795-11	ELECT	10uF	20%	50V		R106	1-247-847-91	CARBON		4.7K	5%	1/4W
C155	1-164-159-11	CERAMIC	0.1uF		50V		R107	1-247-855-91	CARBON		10K	5%	1/4W
C156	1-164-159-11	CERAMIC	0.1uF		50V		R108	1-247-863-91	CARBON		22K	5%	1/4W
C157	1-164-159-11	CERAMIC	0.1uF		50V		R109	1-247-871-91	CARBON		47K	5%	1/4W
C158	1-128-809-11	CERAMIC	100PF	5%	50V								
C159	1-128-809-11	CERAMIC	100PF	5%	50V								
C160	1-128-809-11	CERAMIC	100PF	5%	50V		R111	1-247-823-91	CARBON		470	5%	1/4W
		< DIODE >											
D100	8-719-075-59	LED SELS5B23C-TP15 (Digital Cinema Sound)					R112	1-247-831-91	CARBON		1K	5%	1/4W
D102	8-719-084-07	LED SELU5E20C-STP15					R113	1-247-831-91	CARBON		1K	5%	1/4W
		(MULTI CHANNEL DECODING)					R114	1-247-839-91	CARBON		2.2K	5%	1/4W
D103	8-719-046-39	LED SEL5821A-TP15 (SOUND FIELD A.F.D.)					R115	1-247-839-91	CARBON		2.2K	5%	1/4W
D104	8-719-046-39	LED SEL5821A-TP15 (SOUND FIELD 2CH)					R116	1-247-847-91	CARBON		4.7K	5%	1/4W
D105	8-719-046-39	LED SEL5821A-TP15 (SOUND FIELD MODE)					R117	1-247-855-91	CARBON		10K	5%	1/4W
							R118	1-247-863-91	CARBON		22K	5%	1/4W
D111	8-719-046-39	LED SEL5821A-TP15					R119	1-247-871-91	CARBON		47K	5%	1/4W
		(SOUND CONTROL LEVEL)											
D112	8-719-046-39	LED SEL5821A-TP15 (SOUND CONTROL SURR)					R121	1-247-823-91	CARBON		470	5%	1/4W
							R122	1-247-831-91	CARBON		1K	5%	1/4W

DISPLAY

HEADPHONE

Ref. No.	Part No.	Description	Remark		
R123	1-247-831-91	CARBON	1K	5%	1/4W
R124	1-249-421-11	CARBON	2.2K	5%	1/4W
R125	1-249-421-11	CARBON	2.2K	5%	1/4W
R126	1-247-847-91	CARBON	4.7K	5%	1/4W
R127	1-247-855-91	CARBON	10K	5%	1/4W
R128	1-247-863-91	CARBON	22K	5%	1/4W
R131	1-247-823-91	CARBON	470	5%	1/4W
R132	1-247-831-91	CARBON	1K	5%	1/4W
R133	1-247-831-91	CARBON	1K	5%	1/4W
R134	1-249-421-11	CARBON	2.2K	5%	1/4W
R135	1-249-421-11	CARBON	2.2K	5%	1/4W
R136	1-247-847-91	CARBON	4.7K	5%	1/4W
R137	1-247-855-91	CARBON	10K	5%	1/4W
R141	1-249-421-11	CARBON	2.2K	5%	1/4W
R142	1-249-421-11	CARBON	2.2K	5%	1/4W
R143	1-249-421-11	CARBON	2.2K	5%	1/4W
R144	1-249-421-11	CARBON	2.2K	5%	1/4W
R148	1-249-421-11	CARBON	2.2K	5%	1/4W
R150	1-249-440-11	CARBON	82K	5%	1/4W
R153	1-247-807-31	CARBON	100	5%	1/4W
R154	1-249-393-11	CARBON	10	5%	1/4W
R155	1-249-441-11	CARBON	100K	5%	1/4W
R160	1-247-813-91	CARBON	180	5%	1/4W
R161	1-247-813-91	CARBON	180	5%	1/4W
R162	1-247-807-31	CARBON	100	5%	1/4W
R163	1-247-807-31	CARBON	100	5%	1/4W
R164	1-247-855-91	CARBON	10K	5%	1/4W
R165	1-249-403-11	CARBON	68	5%	1/4W
R166	1-247-811-91	CARBON	150	5%	1/4W
R167	1-247-811-91	CARBON	150	5%	1/4W
R168	1-247-811-91	CARBON	150	5%	1/4W
R169	1-249-409-11	CARBON	220	5%	1/4W
R170	1-247-855-91	CARBON	10K	5%	1/4W
R171	1-247-855-91	CARBON	10K	5%	1/4W
R175	1-249-393-11	CARBON	10	5%	1/4W
R198	1-249-381-11	CARBON	1	5%	1/4W
R199	1-249-381-11	CARBON	1	5%	1/4W
< ROTARY ENCODER >					
RV102	1-418-725-41	ENCODER, ROTARY (12 TYPE)	(MASTER VOLUME)		
< SWITCH >					
S100	1-771-874-11	SWITCH, TACTILE (PRESET TUNING -)			
S101	1-771-874-11	SWITCH, TACTILE (TUNING -)			
S102	1-771-874-11	SWITCH, TACTILE (NAME)			
S103	1-771-874-11	SWITCH, TACTILE (ENTER)			
S104	1-771-874-11	SWITCH, TACTILE (SOUND CONTROL LEVEL)			
S105	1-771-874-11	SWITCH, TACTILE (SOUND CONTROL SURR)			
S106	1-786-348-21	SWITCH, TACTILE (MENU -)			

Ref. No.	Part No.	Description	Remark
S107	1-771-874-11	SWITCH, TACTILE (SET UP)	
S108	1-771-874-11	SWITCH, TACTILE (VIDEO 1)	
S109	1-771-874-11	SWITCH, TACTILE (MD/TAPE)	
S110	1-771-874-11	SWITCH, TACTILE (MUTING)	
S111	1-771-874-11	SWITCH, TACTILE (INPUT MODE)	
S112	1-771-874-11	SWITCH, TACTILE (TREBLE +)	
S113	1-771-874-11	SWITCH, TACTILE (MULTI CH IN)	
S114	1-771-874-11	SWITCH, TACTILE (CD)	
S115	1-771-874-11	SWITCH, TACTILE (TUNER)	
S116	1-771-874-11	SWITCH, TACTILE (VIDEO 2)	
S117	1-771-874-11	SWITCH, TACTILE (BASS -)	
S118	1-771-874-11	SWITCH, TACTILE (SOUND FIELD MODE)	
S119	1-771-874-11	SWITCH, TACTILE (PRESET TUNING +)	
S120	1-771-874-11	SWITCH, TACTILE (FM)	
S121	1-771-874-11	SWITCH, TACTILE (SHIFT)	
S122	1-771-874-11	SWITCH, TACTILE (FM MODE)	
S123	1-786-348-21	SWITCH, TACTILE (MENU >)	
S124	1-786-348-21	SWITCH, TACTILE (MENU <)	
S125	1-786-348-21	SWITCH, TACTILE (AM)	
S126	1-786-348-21	SWITCH, TACTILE (MEMORY)	
S127	1-786-348-21	SWITCH, TACTILE (TUNING +)	
S128	1-786-348-21	SWITCH, TACTILE (MENU +)	
S130	1-771-874-11	SWITCH, TACTILE (TREBLE -)	
S131	1-771-874-11	SWITCH, TACTILE (DVD/LD)	
S132	1-771-874-11	SWITCH, TACTILE (CINEMA STUDIO EX C)	
S133	1-771-874-11	SWITCH, TACTILE (CINEMA STUDIO EX B)	
S134	1-771-874-11	SWITCH, TACTILE (CINEMA STUDIO EX A)	
S135	1-771-874-11	SWITCH, TACTILE (BASS +)	
S136	1-771-874-11	SWITCH, TACTILE (SOUND FIELD A.F.D.)	
S137	1-771-874-11	SWITCH, TACTILE (SOUND FIELD 2CH)	

	1-683-763-11	HEADPHONE BOARD	

		< CAPACITOR >	
C790	1-164-159-11	CERAMIC	0.1uF 50V
		< CONNECTOR >	
CNP791	1-691-766-11	PLUG (MICRO CONNECTOR) 4P	
		< JACK >	
J791	1-815-314-21	JACK (PHONES)	

Ref. No.	Part No.	Description	Remark		Ref. No.	Part No.	Description	Remark	
	Y-8373-891-A	PLACA PRINCIPAL COMPLETA			C483	1-126-964-11	ELECT	10uF	20% 50V
					C484	1-126-964-11	ELECT	10uF	20% 50V
					C485	1-126-964-11	ELECT	10uF	20% 50V
					C486	1-126-964-11	ELECT	10uF	20% 50V
					C487	1-126-964-11	ELECT	10uF	20% 50V
		*****			C488	1-164-159-11	CERAMIC	0.1uF	50V
					C489	1-128-809-11	CERAMIC	100PF	5% 50V
					C490	1-128-809-11	CERAMIC	100PF	5% 50V
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			C491	1-126-964-11	ELECT	10uF	20% 50V
		< CAPACITOR >			C492	1-126-964-11	ELECT	10uF	20% 50V
C371	1-161-494-00	CERAMIC	0.022uF	25V	C493	1-126-964-11	ELECT	10uF	20% 50V
C372	1-161-494-00	CERAMIC	0.022uF	25V	C494	1-126-964-11	ELECT	10uF	20% 50V
C373	1-161-494-00	CERAMIC	0.022uF	25V	C495	1-126-964-11	ELECT	10uF	20% 50V
C374	1-164-159-11	CERAMIC	0.1uF	50V	C496	1-126-963-11	ELECT	4.7uF	20% 50V
C375	1-161-494-00	CERAMIC	0.022uF	25V	C497	1-128-809-11	CERAMIC	100PF	5% 50V
C376	1-161-494-00	CERAMIC	0.022uF	25V	C498	1-162-211-31	CERAMIC	33PF	5% 50V
C402	1-126-964-11	ELECT	10uF	20% 50V	C501	1-126-963-11	ELECT	4.7uF	20% 50V
C404	1-126-964-11	ELECT	10uF	20% 50V	C503	1-104-665-11	ELECT	100uF	20% 10V
C405	1-126-964-11	ELECT	10uF	20% 50V	C504	1-107-583-11	CERAMIC	3PF	0.25PF 500V
C406	1-126-964-11	ELECT	10uF	20% 50V	C505	1-101-810-00	CERAMIC	100PF	5% 500V
C407	1-126-964-11	ELECT	10uF	20% 50V	C506	1-101-810-00	CERAMIC	100PF	5% 500V
C408	1-126-964-11	ELECT	10uF	20% 50V	C507	1-128-809-11	CERAMIC	100PF	5% 50V
C409	1-126-964-11	ELECT	10uF	20% 50V	C510	1-126-947-11	ELECT	47uF	20% 25V
C411	1-126-961-11	ELECT	2.2uF	20% 50V	C511	1-136-157-00	FILM	0.022uF	5% 50V
C412	1-126-961-11	ELECT	2.2uF	20% 50V	C516	1-162-815-11	CERAMIC	47PF	5% 500V
C413	1-126-964-11	ELECT	10uF	20% 50V	C517	1-162-815-11	CERAMIC	47PF	5% 500V
C414	1-126-964-11	ELECT	10uF	20% 50V	C519	1-128-813-11	CERAMIC	220PF	5% 50V
C415	1-124-261-00	ELECT	10uF	20% 50V	C540	1-126-964-11	ELECT	10uF	20% 50V
C416	1-126-964-11	ELECT	10uF	20% 50V	C541	1-127-876-11	CERAMIC	0.01uF	10% 50V
C417	1-124-261-00	ELECT	10uF	20% 50V	C601	1-126-963-11	ELECT	4.7uF	20% 50V
C418	1-126-964-11	ELECT	10uF	20% 50V	C603	1-104-665-11	ELECT	100uF	20% 10V
C419	1-126-964-11	ELECT	10uF	20% 50V	C604	1-107-583-11	CERAMIC	3PF	0.25PF 500V
C431	1-126-961-11	ELECT	2.2uF	20% 50V	C605	1-102-233-00	CERAMIC	33PF	10% 500V
C432	1-126-961-11	ELECT	2.2uF	20% 50V	C606	1-128-813-11	CERAMIC	220PF	5% 50V
C433	1-126-964-11	ELECT	10uF	20% 50V	C607	1-128-809-11	CERAMIC	100PF	5% 50V
C452	1-126-964-11	ELECT	10uF	20% 50V	C610	1-126-947-11	ELECT	47uF	20% 25V
C454	1-126-964-11	ELECT	10uF	20% 50V	C611	1-136-157-00	FILM	0.022uF	5% 50V
C455	1-126-964-11	ELECT	10uF	20% 50V	C616	1-106-355-12	MYLAR	0.0033uF	5% 200V
C456	1-126-964-11	ELECT	10uF	20% 50V	C617	1-106-355-12	MYLAR	0.0033uF	5% 200V
C457	1-126-964-11	ELECT	10uF	20% 50V	C619	1-128-813-11	CERAMIC	220PF	5% 50V
C458	1-126-964-11	ELECT	10uF	20% 50V	C620	1-162-815-11	CERAMIC	47PF	5% 500V
C459	1-126-964-11	ELECT	10uF	20% 50V	C621	1-162-815-11	CERAMIC	47PF	5% 500V
C461	1-126-961-11	ELECT	2.2uF	20% 50V	C640	1-126-964-11	ELECT	10uF	20% 50V
C462	1-126-961-11	ELECT	2.2uF	20% 50V	C642	1-127-876-11	CERAMIC	0.01uF	10% 50V
C464	1-164-159-11	CERAMIC	0.1uF	50V	C651	1-126-963-11	ELECT	4.7uF	20% 50V
C465	1-126-969-11	ELECT	220uF	20% 50V	C653	1-104-665-11	ELECT	100uF	20% 10V
C466	1-126-964-11	ELECT	10uF	20% 50V	C654	1-107-583-11	CERAMIC	3PF	0.25PF 500V
C467	1-164-159-11	CERAMIC	0.1uF	50V	C655	1-102-233-00	CERAMIC	33PF	10% 500V
C471	1-126-963-11	ELECT	4.7uF	20% 50V	C656	1-128-813-11	CERAMIC	220PF	5% 50V
C472	1-126-963-11	ELECT	4.7uF	20% 50V	C657	1-128-809-11	CERAMIC	100PF	5% 50V
C481	1-126-964-11	ELECT	10uF	20% 50V	C660	1-126-947-11	ELECT	47uF	20% 25V
C482	1-126-964-11	ELECT	10uF	20% 50V	C661	1-136-157-00	FILM	0.022uF	5% 50V
					C666	1-162-815-11	CERAMIC	47PF	5% 500V

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Ref. No.	Part No.	Description	Remark		
C669	1-162-815-11	CERAMIC	47PF	5%	500V
C670	1-128-813-11	CERAMIC	220PF	5%	50V
C680	1-126-964-11	ELECT	10uF	20%	50V
C681	1-127-876-11	CERAMIC	0.01uF	10%	50V
C691	1-164-159-11	CERAMIC	0.1uF		50V
C701	1-126-963-11	ELECT	4.7uF	20%	50V
C703	1-104-665-11	ELECT	100uF	20%	10V
C704	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C705	1-102-233-00	CERAMIC	33PF	10%	500V
C706	1-128-813-11	CERAMIC	220PF	5%	50V
C707	1-128-809-11	CERAMIC	100PF	5%	50V
C710	1-126-947-11	ELECT	47uF	20%	25V
C711	1-136-157-00	FILM	0.022uF	5%	50V
C716	1-162-815-11	CERAMIC	47PF	5%	500V
C717	1-162-815-11	CERAMIC	47PF	5%	500V
C720	1-128-813-11	CERAMIC	220PF	5%	50V
C721	1-126-934-11	ELECT	220uF	20%	10V
C722	1-126-964-11	ELECT	10uF	20%	50V
C732	1-128-582-11	ELECT	10uF	20%	100V
C733	1-128-582-11	ELECT	10uF	20%	100V
C740	1-126-964-11	ELECT	10uF	20%	50V
C741	1-128-579-11	ELECT	2.2uF	20%	100V
C742	1-127-876-11	CERAMIC	0.01uF	10%	50V
C750	1-126-964-11	ELECT	10uF	20%	50V
C751	1-126-963-11	ELECT	4.7uF	20%	50V
C752	1-127-876-11	CERAMIC	0.01uF	10%	50V
C753	1-104-665-11	ELECT	100uF	20%	10V
C754	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C755	1-102-233-00	CERAMIC	33PF	10%	500V
C756	1-128-813-11	CERAMIC	220PF	5%	50V
C757	1-128-809-11	CERAMIC	100PF	5%	50V
C760	1-126-947-11	ELECT	47uF	20%	25V
C761	1-136-157-00	FILM	0.022uF	5%	50V
C766	1-162-815-11	CERAMIC	47PF	5%	500V
C767	1-162-815-11	CERAMIC	47PF	5%	500V
C770	1-128-813-11	CERAMIC	220PF	5%	50V
C801	1-126-947-11	ELECT	47uF	20%	35V
C802	1-126-947-11	ELECT	47uF	20%	35V
C803	1-165-498-11	ELECT	4700uF	20%	63V
C804	1-165-498-11	ELECT	4700uF	20%	63V
C805	1-135-851-21	MYLAR	0.22uF		100V
C806	1-135-851-21	MYLAR	0.22uF		100V
C807	1-104-665-11	ELECT	100uF	20%	10V
C808	1-126-925-91	ELECT	470uF	20%	10V
C810	1-164-159-11	CERAMIC	0.1uF		50V
C811	1-164-159-11	CERAMIC	0.1uF		50V
C820	1-164-159-11	CERAMIC	0.1uF		50V
C821	1-164-159-11	CERAMIC	0.1uF		50V

Ref. No.	Part No.	Description	Remark		
C822	1-126-947-11	ELECT	47uF	20%	35V
C830	1-164-159-11	CERAMIC	0.1uF		50V
C901	1-164-159-11	CERAMIC	0.1uF		50V
C903	1-126-936-11	ELECT	3300uF	20%	16V
CC07	1-128-809-11	CERAMIC	100PF	5%	50V
CC12	1-127-876-21	CERAMIC	0.01uF	10%	50V
CC14	1-127-876-21	CERAMIC	0.01uF	10%	50V
CC16	1-127-876-21	CERAMIC	0.01uF	10%	50V
CC18	1-127-876-21	CERAMIC	0.01uF	10%	50V
CC20	1-127-876-21	CERAMIC	0.01uF	10%	50V
CC57	1-128-809-11	CERAMIC	100PF	5%	50V
< CONNECTOR >					
* CN792	1-564-706-11	PIN, CONNECTOR (SMALL TYPE) 4P			
CNP501	1-764-882-21	CONNECTOR, BOARD TO BOARD 15P			
CNP502	1-784-038-21	CONNECTOR, BOARD TO BOARD 9P			
* CNP801	1-564-104-00	PIN, CONNECTOR (B3P-VH) 3P			
CNP802	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			
CNP911	1-784-928-11	PIN, CONNECTOR 13P			
CNP915	1-766-200-11	SOCKET, CONNECTOR 5P			
< DIODE >					
D505	8-719-991-33	DIODE 1SS133-T-77			
D510	8-719-991-33	DIODE 1SS133-T-77			
D540	8-719-991-33	DIODE 1SS133-T-77			
D560	8-719-991-33	DIODE 1SS133-T-77			
D605	8-719-991-33	DIODE 1SS133-T-77			
D610	8-719-991-33	DIODE 1SS133-T-77			
D640	8-719-991-33	DIODE 1SS133-T-77			
D665	8-719-991-33	DIODE 1SS133-T-77			
D680	8-719-991-33	DIODE 1SS133-T-77			
D690	8-719-934-21	DIODE HZS30-1L			
D691	8-719-991-33	DIODE 1SS133-T-77			
D705	8-719-991-33	DIODE 1SS133-T-77			
D710	8-719-991-33	DIODE 1SS133-T-77			
D721	8-719-991-33	DIODE 1SS133-T-77			
D722	8-719-991-33	DIODE 1SS133-T-77			
D731	8-719-991-33	DIODE 1SS133-T-77			
D732	8-719-991-33	DIODE 1SS133-T-77			
D733	8-719-991-33	DIODE 1SS133-T-77			
D734	8-719-991-33	DIODE 1SS133-T-77			
D740	8-719-991-33	DIODE 1SS133-T-77			
D750	8-719-991-33	DIODE 1SS133-T-77			
D765	8-719-991-33	DIODE 1SS133-T-77			
D791	8-719-991-33	DIODE 1SS133-T-77			
D801	8-719-934-21	DIODE HZS30-1L			
D802	8-719-072-05	DIODE RBV-602LF-A			

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
D804	8-719-118-63	DIODE RD5.6F-T7B2		Q640	8-729-205-12	TRANSISTOR 2SC1815-GR	
D896	8-719-043-76	DIODE AK04V0		Q651	8-729-661-83	TRANSISTOR 2SA1115-EF	
D902	8-719-025-01	DIODE 11ES2-NTA1B		Q652	8-729-141-30	TRANSISTOR 2SC3623A-LK	
D903	8-719-025-01	DIODE 11ES2-NTA1B		Q655	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
D904	8-719-025-01	DIODE 11ES2-11ES2-NTA1BNTA2B		Q656	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
D905	8-719-025-01	DIODE 11ES2-NTA1B		Q680	8-729-205-12	TRANSISTOR 2SC1815-GR	
		< IC >		Q691	8-729-205-12	TRANSISTOR 2SC1815-GR	
IC201	6-701-567-01	IC M61511FP		Q692	8-729-029-41	TRANSISTOR DTA124ES	
IC401	8-759-697-90	IC NJM4565DD		Q701	8-729-661-83	TRANSISTOR 2SA1115-EF	
IC501	8-749-011-16	IC STK350-230		Q702	8-729-141-31	TRANSISTOR 2SC3623A-LK	
IC601	8-759-697-90	IC NJM4565DD		Q705	8-729-140-83	TRANSISTOR 2SA988-PAFAEA	
IC701	6-700-943-01	IC uPC2581V-S		Q706	8-729-140-83	TRANSISTOR 2SA988-PAFAEA	
IC702	6-700-943-01	IC uPC2581V-S		Q710	8-729-139-97	TRANSISTOR 2SC2785-FEK	
IC801	8-759-649-68	IC uPC78M07AHF		Q722	8-729-140-85	TRANSISTOR 2SC1841-PAFAEA	
IC802	8-759-604-95	IC MSF79M07L		Q723	8-729-139-97	TRANSISTOR 2SC2785-FEK	
		< JACK >		Q725	8-729-140-83	TRANSISTOR 2SA988-PAFAEA	
J401	1-779-380-11	JACK, PIN 6P (MULTI CH IN FRONT/ SURROUND/CENTER/SUB WOOFER)		Q740	8-729-205-12	TRANSISTOR 2SC1815-GR	
J402	1-770-614-11	JACK, PIN 4P (CD IN,MD/TAPE OUT)		Q747	8-729-029-41	TRANSISTOR DTA124ES	
J403	1-770-614-11	JACK, PIN 4P (MD/TAPE IN,DVD/LD AUDIO IN)		Q748	8-729-029-87	TRANSISTOR DTC124ES	
J404	1-793-773-12	JACK, PIN 6P (VIDEO 2 AUDIO IN, VIDEO 1 AUDIO OUT/AUDIO IN)		Q750	8-729-205-12	TRANSISTOR 2SC1815-GR	
J405	1-774-843-11	JACK, PIN 1P (SUB WOOFER AUDIO OUT)		Q751	8-729-661-83	TRANSISTOR 2SA1115-EF	
		< COIL >		Q752	8-729-141-31	TRANSISTOR 2SC3623A-LK	
L521	1-420-872-51	COIL, AIR-CORE		Q755	8-729-140-83	TRANSISTOR 2SA988-PAFAEA	
L601	1-420-872-51	COIL, AIR-CORE		Q756	8-729-140-83	TRANSISTOR 2SA988-PAFAEA	
L651	1-420-872-51	COIL, AIR-CORE		Q790	8-729-139-97	TRANSISTOR 2SC2785-FEK	
L701	1-420-872-51	COIL, AIR-CORE		Q801	8-729-140-99	TRANSISTOR 2SB734-34	
L751	1-420-872-51	COIL, AIR-CORE				< RESISTOR >	
		< TRANSISTOR >		R360	1-249-441-11	CARBON 100K 5%	1/4W
Q361	8-729-823-23	TRANSISTOR 2SC3576		R361	1-249-425-11	CARBON 4.7K 5%	1/4W
Q362	8-729-823-23	TRANSISTOR 2SC3576		R362	1-249-425-11	CARBON 4.7K 5%	1/4W
Q363	8-729-823-23	TRANSISTOR 2SC3576		R363	1-249-441-11	CARBON 100K 5%	1/4W
Q364	8-729-823-23	TRANSISTOR 2SC3576		R366	1-249-429-11	CARBON 10K 5%	1/4W
Q365	8-729-823-23	TRANSISTOR 2SC3576		R367	1-249-441-11	CARBON 100K 5%	1/4W
Q366	8-729-823-23	TRANSISTOR 2SC3576		R368	1-249-437-11	CARBON 47K 5%	1/4W
Q379	8-729-029-41	TRANSISTOR DTA124ES		R369	1-249-425-11	CARBON 4.7K 5%	1/4W
Q471	8-729-823-23	TRANSISTOR 2SC3576		R370	1-249-425-11	CARBON 4.7K 5%	1/4W
Q501	8-729-661-93	TRANSISTOR 2SA1115TP-EF		R371	1-249-441-11	CARBON 100K 5%	1/4W
Q502	8-729-141-31	TRANSISTOR 2SC3623A-LK		R372	1-249-441-11	CARBON 100K 5%	1/4W
Q505	8-729-140-83	TRANSISTOR 2SA988-PAFAEA		R373	1-249-417-11	CARBON 1K 5%	1/4W
Q506	8-729-140-83	TRANSISTOR 2SA988-PAFAEA		R374	1-249-417-11	CARBON 1K 5%	1/4W
Q540	8-729-250-12	TRANSISTOR 2SC1815-GR		R375	1-249-417-11	CARBON 1K 5%	1/4W
Q550	8-729-139-97	TRANSISTOR 2SC2785-FEK		R376	1-249-417-11	CARBON 1K 5%	1/4W
Q560	8-729-139-97	TRANSISTOR 2SC2785-FEK		R377	1-249-417-11	CARBON 1K 5%	1/4W
Q601	8-729-119-76	TRANSISTOR 2SA1175-HFE		R378	1-249-417-11	CARBON 1K 5%	1/4W
Q602	8-729-141-30	TRANSISTOR 2SC3623A-LK		R379	1-249-425-11	CARBON 4.7K 5%	1/4W
Q605	8-729-140-83	TRANSISTOR 2SA988-PAFAEA		R380	1-249-441-11	CARBON 100K 5%	1/4W
Q606	8-729-140-83	TRANSISTOR 2SA988-PAFAEA		R381	1-249-429-11	CARBON 10K 5%	1/4W
Q610	8-729-139-97	TRANSISTOR 2SC2785-FEK		R402	1-249-417-11	CARBON 1K 5%	1/4W
				R404	1-249-417-11	CARBON 1K 5%	1/4W
				R405	1-249-417-11	CARBON 1K 5%	1/4W
				R406	1-249-417-11	CARBON 1K 5%	1/4W
				R407	1-249-417-11	CARBON 1K 5%	1/4W

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Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
R408	1-249-417-11	CARBON	1K	5%	1/4W		R514	1-249-405-11	CARBON	100	5%	1/4W	
R409	1-249-417-11	CARBON	1K	5%	1/4W		R515	1-234-182-11	CARBON	100	5%	1/4W	
R411	1-249-417-11	CARBON	1K	5%	1/4W		R516	1-233-352-41	COMPONENT, ENCAPSULATED 0.22X2				
R412	1-249-417-11	CARBON	1K	5%	1/4W		R517	1-249-393-11	CARBON	10	5%	1/4W	
R413	1-249-437-11	CARBON	47K	5%	1/4W		R520	1-249-425-11	CARBON	4.7K	5%	1/4W	
R414	1-249-437-11	CARBON	47K	5%	1/4W		R521	1-247-850-11	CARBON	6.2K	5%	1/4W	
R415	1-249-437-11	CARBON	47K	5%	1/4W		R522	1-249-419-11	CARBON	1.5K	5%	1/4W	
R416	1-249-437-11	CARBON	47K	5%	1/4W		R524	1-249-431-11	CARBON	15K	5%	1/4W	
R417	1-249-437-11	CARBON	47K	5%	1/4W		R525	1-249-439-11	CARBON	68K	5%	1/4W	
R418	1-249-437-11	CARBON	47K	5%	1/4W		R528	1-249-389-11	CARBON	4.7	5%	1/4W	
R419	1-249-437-11	CARBON	47K	5%	1/4W		R531	1-249-425-11	CARBON	4.7K	5%	1/4W	
R420	1-249-437-11	CARBON	47K	5%	1/4W		R532	1-249-425-11	CARBON	4.7K	5%	1/4W	
R422	1-249-437-11	CARBON	47K	5%	1/4W		R533	1-249-437-11	CARBON	47K	5%	1/4W	
R424	1-249-437-11	CARBON	47K	5%	1/4W		R534	1-249-389-11	CARBON	4.7	5%	1/4W	
R425	1-249-437-11	CARBON	47K	5%	1/4W		R540	1-249-433-11	CARBON	22K	5%	1/4W	
R426	1-249-437-11	CARBON	47K	5%	1/4W		R546	1-247-843-11	CARBON	3.3K	5%	1/4W	
R427	1-249-437-11	CARBON	47K	5%	1/4W		R555	1-249-433-11	CARBON	22K	5%	1/4W	
R431	1-249-417-11	CARBON	1K	5%	1/4W		R556	1-249-433-11	CARBON	22K	5%	1/4W	
R432	1-249-417-11	CARBON	1K	5%	1/4W		R557	1-249-431-11	CARBON	15K	5%	1/4W	
R435	1-249-437-11	CARBON	47K	5%	1/4W		R560	1-249-429-11	CARBON	10K	5%	1/4W	
R436	1-249-437-11	CARBON	47K	5%	1/4W		R573	1-249-437-11	CARBON	47K	5%	1/4W	
R442	1-249-437-11	CARBON	47K	5%	1/4W		R601	1-249-417-11	CARBON	1K	5%	1/4W	
R444	1-249-437-11	CARBON	47K	5%	1/4W		R602	1-249-439-11	CARBON	68K	5%	1/4W	
R445	1-249-437-11	CARBON	47K	5%	1/4W		R603	1-249-415-11	CARBON	680	5%	1/4W	
R446	1-249-437-11	CARBON	47K	5%	1/4W		R604	1-249-439-11	CARBON	68K	5%	1/4W	
R447	1-249-437-11	CARBON	47K	5%	1/4W		R610	1-249-421-11	CARBON	2.2K	5%	1/4W	
R452	1-249-417-11	CARBON	1K	5%	1/4W		R611	1-249-440-11	CARBON	82K	5%	1/4W	
R454	1-249-417-11	CARBON	1K	5%	1/4W		R613	1-249-414-11	CARBON	560	5%	1/4W	
R455	1-249-417-11	CARBON	1K	5%	1/4W		R614	1-249-405-11	CARBON	100	5%	1/4W	
R456	1-249-417-11	CARBON	1K	5%	1/4W		R615	1-249-405-11	CARBON	100	5%	1/4W	
R457	1-249-417-11	CARBON	1K	5%	1/4W		R616	1-234-182-11	COMPONENT, ENCAPSULATED 0.22X2				
R458	1-249-417-11	CARBON	1K	5%	1/4W		R617	1-249-393-11	CARBON	10	5%	1/4W	
R459	1-249-417-11	CARBON	1K	5%	1/4W		R618	1-249-389-11	CARBON	4.7	5%	1/4W	
R461	1-249-417-11	CARBON	1K	5%	1/4W		R620	1-249-425-11	CARBON	4.7K	5%	1/4W	
R462	1-249-417-11	CARBON	1K	5%	1/4W		R621	1-247-850-11	CARBON	6.2K	5%	1/4W	
R463	1-249-437-11	CARBON	47K	5%	1/4W		R622	1-249-419-11	CARBON	1.5K	5%	1/4W	
R464	1-249-437-11	CARBON	47K	5%	1/4W		R623	1-249-437-11	CARBON	47K	5%	1/4W	
R469	1-249-417-11	CARBON	1K	5%	1/4W		R624	1-249-431-11	CARBON	15K	5%	1/4W	
R470	1-249-437-11	CARBON	47K	5%	1/4W		R625	1-249-439-11	CARBON	68K	5%	1/4W	
R471	1-249-417-11	CARBON	1K	5%	1/4W		R631	1-249-425-11	CARBON	4.7K	5%	1/4W	
R472	1-249-417-11	CARBON	1K	5%	1/4W		R634	1-249-389-11	CARBON	4.7	5%	1/4W	
R473	1-249-421-11	CARBON	2.2K	5%	1/4W		R638	1-249-439-11	CARBON	68K	5%	1/4W	
R474	1-249-432-11	CARBON	18K	5%	1/4W		R640	1-249-433-11	CARBON	22K	5%	1/4W	
R475	1-249-421-11	CARBON	2.2K	5%	1/4W		R648	1-247-843-11	CARBON	3.3K	5%	1/4W	
R499	1-249-437-11	CARBON	47K	5%	1/4W		R651	1-249-417-11	CARBON	1K	5%	1/4W	
R501	1-249-417-11	CARBON	1K	5%	1/4W		R652	1-249-439-11	CARBON	68K	5%	1/4W	
R502	1-249-439-11	CARBON	68K	5%	1/4W		R653	1-249-415-11	CARBON	680	5%	1/4W	
R503	1-249-415-11	CARBON	680	5%	1/4W		R654	1-249-439-11	CARBON	68K	5%	1/4W	
R504	1-249-411-11	CARBON	330	5%	1/4W		R655	1-249-433-11	CARBON	22K	5%	1/4W	
R505	1-249-439-11	CARBON	68K	5%	1/4W		R656	1-249-433-11	CARBON	22K	5%	1/4W	
R510	1-249-421-11	CARBON	2.2K	5%	1/4W		R657	1-249-431-11	CARBON	15K	5%	1/4W	
R511	1-249-440-11	CARBON	82K	5%	1/4W		R660	1-249-421-11	CARBON	2.2K	5%	1/4W	
R513	1-249-414-11	CARBON	560	5%	1/4W		R661	1-249-440-11	CARBON	82K	5%	1/4W	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R663	1-249-414-11	CARBON	560	5%	1/4W	R744	1-249-433-11	CARBON	22K	5%	1/4W
R664	1-249-405-11	CARBON	100	5%	1/4W	R745	1-249-433-11	CARBON	22K	5%	1/4W
R665	1-249-405-11	CARBON	100	5%	1/4W	R746	1-249-433-11	CARBON	22K	5%	1/4W
R666	1-234-182-11	COMPONENT, ENCAPSULATED 0.22X2				R747	1-249-431-11	CARBON	15K	5%	1/4W
R667	1-249-393-11	CARBON	10	5%	1/4W	R748	1-247-843-11	CARBON	3.3K	5%	1/4W
R668	1-249-389-11	CARBON	4.7	5%	1/4W	R750	1-249-433-11	CARBON	22K	5%	1/4W
R669	1-249-425-11	CARBON	4.7K	5%	1/4W	R751	1-249-417-11	CARBON	1K	5%	1/4W
R671	1-247-850-11	CARBON	6.2K	5%	1/4W	R752	1-249-439-11	CARBON	68K	5%	1/4W
R672	1-249-419-11	CARBON	1.5K	5%	1/4W	R753	1-249-415-11	CARBON	680	5%	1/4W
R673	1-249-437-11	CARBON	47K	5%	1/4W	R754	1-249-439-11	CARBON	68K	5%	1/4W
R674	1-249-431-11	CARBON	15K	5%	1/4W	R755	1-249-433-11	CARBON	22K	5%	1/4W
R675	1-249-433-11	CARBON	22K	5%	1/4W	R756	1-249-433-11	CARBON	22K	5%	1/4W
R676	1-249-433-11	CARBON	22K	5%	1/4W	R757	1-249-431-11	CARBON	15K	5%	1/4W
R677	1-249-431-11	CARBON	15K	5%	1/4W	R758	1-247-843-11	CARBON	3.3K	5%	1/4W
R680	1-249-433-11	CARBON	22K	5%	1/4W	R760	1-249-421-11	CARBON	2.2K	5%	1/4W
R681	1-247-843-11	CARBON	3.3K	5%	1/4W	R761	1-249-440-11	CARBON	82K	5%	1/4W
R690	1-247-887-00	CARBON	220K	5%	1/4W	R763	1-249-414-11	CARBON	560	5%	1/4W
△ R691	1-216-453-51	METAL OXIDE	270	5%	2W F	R764	1-249-405-11	CARBON	100	5%	1/4W
△ R692	1-215-889-00	METAL OXIDE	330	5%	2W F	R765	1-249-405-11	CARBON	100	5%	1/4W
R693	1-247-836-91	CARBON	1.0K	5%	1/4W	R766	1-234-182-11	COMPONENT, ENCAPSULATED 0.22X2			
R694	1-247-879-91	CARBON	100K	5%	1/4W	R767	1-249-393-11	CARBON	10	5%	1/4W
R695	1-249-429-11	CARBON	10K	5%	1/4W	R768	1-249-389-11	CARBON	4.7	5%	1/4W
R696	1-249-436-11	CARBON	39K	5%	1/4W	R769	1-249-425-11	CARBON	4.7K	5%	1/4W
R698	1-249-429-11	CARBON	10K	5%	1/4W	R770	1-249-437-11	CARBON	47K	5%	1/4W
R699	1-247-895-11	CARBON	470K	5%	1/4W	R771	1-247-850-11	CARBON	6.2K	5%	1/4W
R701	1-249-417-11	CARBON	1K	5%	1/4W	R772	1-249-419-11	CARBON	1.5K	5%	1/4W
R702	1-249-439-11	CARBON	68K	5%	1/4W	R773	1-249-437-11	CARBON	47K	5%	1/4W
R703	1-249-415-11	CARBON	680	5%	1/4W	R775	1-249-439-11	CARBON	68K	5%	1/4W
R704	1-249-439-11	CARBON	68K	5%	1/4W	R778	1-249-431-11	CARBON	15K	5%	1/4W
R710	1-249-421-11	CARBON	2.2K	5%	1/4W	R780	1-249-429-11	CARBON	10K	5%	1/4W
R711	1-249-440-11	CARBON	82K	5%	1/4W	R791	1-249-425-11	CARBON	4.7K	5%	1/4W
R713	1-249-414-11	CARBON	560	5%	1/4W	△ R792	1-213-141-61	METAL OXIDE	680	5%	1W F
R714	1-249-405-11	CARBON	100	5%	1/4W	R793	1-249-389-11	CARBON	4.7	5%	1/4W
R715	1-249-405-11	CARBON	100	5%	1/4W	△ R794	1-213-141-61	METAL OXIDE	680	5%	1W F
R716	1-234-182-11	COMPONENT, ENCAPSULATED 0.22X2				R802	1-249-381-11	CARBON	1	5%	1/4W
R717	1-249-393-11	CARBON	10	5%	1/4W	R803	1-249-389-11	CARBON	4.7	5%	1/4W
R718	1-249-389-11	CARBON	4.7	5%	1/4W	R804	1-249-426-11	CARBON	5.6K	5%	1/4W
R719	1-249-425-11	CARBON	4.7K	5%	1/4W	R806	1-249-433-11	CARBON	22K	5%	1/4W
R721	1-247-850-11	CARBON	6.2K	5%	1/4W	△ R910	1-243-635-11	FUSIBLE	0.33	5%	1/2W F
R722	1-249-419-11	CARBON	1.5K	5%	1/4W	RR11	1-249-393-11	CARBON	10	5%	1/4W
R723	1-249-437-11	CARBON	47K	5%	1/4W	RR12	1-249-393-11	CARBON	10	5%	1/4W
R724	1-249-431-11	CARBON	15K	5%	1/4W	RR13	1-249-393-11	CARBON	10	5%	1/4W
R725	1-249-439-11	CARBON	68K	5%	1/4W	RR14	1-249-393-11	CARBON	10	5%	1/4W
R731	1-249-425-11	CARBON	4.7K	5%	1/4W	RR15	1-249-393-11	CARBON	10	5%	1/4W
R732	1-249-381-11	CARBON	1	5%	1/4W	< RELAY >					
R733	1-249-381-11	CARBON	1	5%	1/4W	RY501	1-755-421-11	RELAY (12V)			
R734	1-249-389-11	CARBON	4.7	5%	1/4W	RY560	1-755-267-11	RELAY			
R735	1-249-427-11	CARBON	6.8K	5%	1/4W	RY601	1-755-421-11	RELAY (12V)			
R736	1-249-417-11	CARBON	1K	5%	1/4W	RY701	1-755-421-11	RELAY (12V)			
R737	1-249-436-11	CARBON	39K	5%	1/4W	RY791	1-755-421-11	RELAY (12V)			
R740	1-249-433-11	CARBON	22K	5%	1/4W						
R742	1-249-437-11	CARBON	47K	5%	1/4W						
R743	1-249-433-11	CARBON	22K	5%	1/4W						

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STR-DE485

MAIN

POWER SW

STANDBY

Ref. No.	Part No.	Description	Remark
< TERMINAL BOARD >			
TM601	1-537-510-11	TERMINAL BOARD (6P) (SPEAKERS SURROUND/CENTER)	
TM602	1-537-842-11	TERMINAL BOARD (6P) (SPEAKERS FRONT)	

1-683-759-11	POWER SW BOARD	*****	
< CONNECTOR >			
CNP104	1-691-766-11	PLUG (MICRO CONNECTOR) 4P	
< RESISTOR >			
R138	1-249-433-11	CARBON 22K 5% 1/4W	
R139	1-249-437-11	CARBON 47K 5% 1/4W	
< SWITCH >			
S143	1-771-874-11	SWITCH, TACTILE (DISPLAY)	
S144	1-771-874-11	SWITCH, TACTILE (DIMMER)	
S145	1-771-874-11	SWITCH, TACTILE (I/⏻)	

A-4728-005-A	STANDBY BOARD, COMPLETE		

1-533-293-11	HOLDER, FUSE		
< CAPACITOR >			
C813	1-164-159-11	CERAMIC 0.1uF 50V	
C814	1-164-159-11	CERAMIC 0.1uF 50V	
C815	1-126-943-11	ELECT 2200uF 20% 25V	
C816	1-126-942-91	ELECT 1000uF 20% 25V	
C898	1-126-949-11	ELECT 220uF 20% 35V	
C899	1-126-948-11	ELECT 100uF 20% 35V	
C920	1-164-159-11	CERAMIC 0.1uF 50V	
C921	1-164-159-11	CERAMIC 0.1uF 50V	
C923	1-126-959-11	ELECT 0.47uF 20% 50V	
C950	1-126-936-11	ELECT 3300uF 20% 16V	
< CONNECTOR >			
CNP901	1-564-321-00	PIN, CONNECTOR 2P	
* CNP902	1-565-792-11	PIN, CONNECTOR 2P	
CNP903	1-564-506-11	PLUG, CONNECTOR 3P	
CNP905	1-766-203-11	PLUG, CONNECTOR (PC BOARD) 5P	
CNP906	1-568-106-11	PIN, CONNECTOR 4P (E)	
CNP912	1-779-978-11	PIN, CONNECTOR 3P	

Ref. No.	Part No.	Description	Remark
< DIODE >			
D820	8-719-025-01	DIODE 11ES2-NTA1B	
D821	8-719-025-01	DIODE 11ES2-NTA1B	
D822	8-719-025-01	DIODE 11ES2-NTA1B	
D823	8-719-025-01	DIODE 11ES2-NTA1B	
D898	8-719-025-01	DIODE 11ES2-NTA1B	
D899	8-719-025-01	DIODE 11ES2-NTA1B	
D901	8-719-991-33	DIODE 1SS133-T-77	
D910	8-719-025-01	DIODE 11ES2-NTA1B	
D911	8-719-025-01	DIODE 11ES2-NTA1B	
D912	8-719-025-01	DIODE 11ES2-NTA1B	
D913	8-719-025-01	DIODE 11ES2-NTA1B	
D914	8-719-991-33	DIODE 1SS133-T-77	
D915	8-719-991-33	DIODE 1SS133-T-77	
< EARTH TERMINAL >			
* G901	1-537-738-21	TERMINAL, EARTH	
< TRANSISTOR >			
Q901	8-729-139-97	TRANSISTOR 2SC2785-FEK	
Q921	8-729-139-97	TRANSISTOR 2SC2785-FEK	
< RESISTOR >			
⚠ R810	1-240-877-11	FUSIBLE 0.15 5% 1/2W	F
⚠ R811	1-240-877-11	FUSIBLE 0.15 5% 1/2W	F
⚠ R812	1-240-877-11	FUSIBLE 0.15 5% 1/2W	F
R902	1-249-437-11	CARBON 47K 5% 1/4W	
R903	1-249-425-11	CARBON 4.7K 5% 1/4W	
R904	1-249-381-11	CARBON 1 5% 1/4W	
R921	1-249-437-11	CARBON 47K 5% 1/4W	
R922	1-249-435-11	CARBON 33K 5% 1/4W	
R923	1-249-429-11	CARBON 10K 5% 1/4W	
< RELAY >			
⚠ RY901	1-755-334-11	RELAY, AC POWER (9V)	
< TRANSFORMER >			
⚠ T902	1-435-105-11	TRANSFORMADOR DE FORÇA	

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
						MISCELLANEOUS	

	A-4727-849-A	PLACA DE VIDEO COMPLETO		53	1-773-250-11	CABO TIPO FLAT (27 VIAS)	
		*****		△ 105	1-757-813-21	CABO DE FORÇA	
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3					
		< CAPACITOR >					
C200	1-128-805-11	CERAMIC	47PF 5% 50V				
C201	1-128-805-11	CERAMIC	47PF 5% 50V	106	1-769-940-11	CABO TIPO FLAT (11 VIAS)	
C206	1-126-964-11	ELECT	10uF 20% 50V	107	1-765-315-11	CABO TIPO FLAT (7 VIAS)	
C207	1-126-964-11	ELECT	10uF 20% 50V				
C208	1-126-964-11	ELECT	10uF 20% 50V	△ F901	1-532-469-11	FUSÍVEL (T2.5A/250V)	
C209	1-126-960-11	ELECT	1uF 20% 50V				
C210	1-126-964-11	ELECT	10uF 20% 50V	Q503	8-749-010-25	TRANSISTOR MN2488-OPY-M	
C213	1-126-923-91	ELECT	220uF 20% 10V	Q504	8-749-010-26	TRANSISTOR MP1620-OPY-M	
C214	1-164-159-11	CERAMIC	0.1uF 50V	Q603	8-749-010-25	TRANSISTOR MN2488-OPY-M	
C215	1-164-159-11	CERAMIC	0.1uF 50V	Q604	8-749-010-26	TRANSISTOR MP1620-OPY-M	
C248	1-128-825-11	CERAMIC	0.0022uF 5% 50V	Q653	8-749-010-25	TRANSISTOR MN2488-OPY-M	
C249	1-128-825-11	CERAMIC	0.0022uF 5% 50V	Q654	8-749-010-26	TRANSISTOR MP1620-OPY-M	
C809	1-126-923-91	ELECT	220uF 20% 10V	Q703	8-749-010-25	TRANSISTOR MN2488-OPY-M	
C824	1-164-159-11	CERAMIC	0.1uF 50V	Q704	8-749-010-26	TRANSISTOR MP1620-OPY-M	
C825	1-164-159-11	CERAMIC	0.1uF 50V	Q753	8-749-010-25	TRANSISTOR MN2488-OPY-M	
C827	1-126-947-11	ELECT	47uF 20% 25V	Q754	8-749-010-26	TRANSISTOR MP1620-OPY-M	
		< CONNECTOR >		△ T901	1-437-636-11	TRANSFORMADOR DE FORÇA	
CNP156	1-691-765-11	PIN, CONNECTOR 3P					
CNS150	1-784-768-11	SOCKET, CONNECTOR 7P					
		< DIODE >					
D203	8-719-991-33	DIODE 1SS133-T-77					
D204	8-719-991-33	DIODE 1SS133-T-77					
		< IC >		TM301	1-693-577-21	TUNER PACK (FM/AM) (ANTENNA)	
IC103	6-701-890-01	IC NJM2595D					
IC804	8-759-701-65	IC NJM79M05FA					
IC807	8-759-701-75	IC NJM7805FA					
		< JACK >					
J200	1-770-337-11	JACK, PIN 3P (DVD/LD VIDEO IN, VIDEO 2 VIDEO IN, VIDEO 1 VIDEO OUT)					
J201	1-770-611-12	JACK, PIN 2P (VIDEO 1 VIDEO IN, MONITOR VIDEO OUT)					
		< RESISTOR >					
R200	1-247-804-11	CARBON	75 5% 1/4W				
R201	1-247-804-11	CARBON	75 5% 1/4W				
R218	1-247-804-11	CARBON	75 5% 1/4W				
R219	1-247-804-11	CARBON	75 5% 1/4W				
R220	1-247-804-11	CARBON	75 5% 1/4W				
R221	1-247-804-11	CARBON	75 5% 1/4W				

Os componentes identificados com a marca △ são críticos para a segurança. Somente os substitua por peças numericamente identificadas nesse manual.

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
		ACESSÓRIOS *****	
	1-477-204-11	CONTROLE REMOTO (RM-U306)	
	Y-8283-248-A	ANTENNA, LOOP (AM)	
	1-501-594-11	ANTENNA (FM)	
	1-528-681-11	PILHA PEQUENA	
	1-793-184-21	CONNECTOR (F TYPE ADAPTOR)	
	4-228-696-01	TAMPA PILHA (para RM-U306)	
	4-238-376-91	MANUAL DE INSTRUÇÕES	

