

MANUAL DE SERVIÇO

EX1 CHASSIS

NOME DO MODELO	CONTROLE REMOTO	DESTINO
<i>KLV-40V410A</i>	<i>RM-YD023</i>	<i>BRAZIL</i>
<i>KLV-40W410A</i>	<i>RM-YD023</i>	<i>BRAZIL</i>
<i>KLV-46V410A</i>	<i>RM-YD023</i>	<i>BRAZIL</i>
<i>KLV-46W410A</i>	<i>RM-YD023</i>	<i>BRAZIL</i>

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TV COM TELA DE CRISTAL LÍQUIDO

SONY®

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<i>KLV-40W410A</i>	<i>RM-YD023</i>	<i>BRAZIL</i>
<i>KLV-46V410A</i>	<i>RM-YD023</i>	<i>BRAZIL</i>
<i>KLV-46W410A</i>	<i>RM-YD023</i>	<i>BRAZIL</i>



KLV-40V410A



RM-YD023

TV COM TELA DE CRISTAL LÍQUIDO

SONY®

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ESPECIFICAÇÕES TÉCNICAS

Modelo	KLV-40S410A	KLV-40V410A KLV-40W410A	KLV-46V410A KLV-46W410A	KLV-52V410A KLV-52W410A
Sistema				
Sistema de televisão	NTSC PAL-M/PAL-N			
Cobertura de canais	VHF: 2 - 13 UHF: 14 - 69 CATV: 1 - 125			
Sistema do painel	Painel LCD (tela de cristal líquido)			
Potência de saída dos alto-falantes	10 W + 10 W			
Tomadas de entrada/saída				
CABLE/ANTENNA	Terminal de antena externa de 75 ohms para entradas RF			
VIDEO IN 1/2/3	S VIDEO (mini DIN de 4 pinos) (somente VIDEO 1): Y: 1,0 Vp-p, 75 ohms não balanceados, sincronismo negativo/ C: 0,286 Vp-p (sinal Burst), 75 ohms VIDEO: 1 Vp-p, 75 ohms não balanceados, sincronismo negativo AUDIO: 500 mVrms (Típico) / Impedância: 47 kilohms			
COMPONENT IN 1/2	YPBPR (Vídeo Componente): Y: 1,0 Vp-p, 75 ohms não balanceados, sincronismo negativo / PB: 0,7 Vp-p, 75 ohms/ PR: 0,7 Vp-p, 75 ohms / Formato de sinal: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p AUDIO: 500 mVrms (Típico) / Impedância: 47 kilohms			
HDMI IN 1/2/3/4	HDMI: Vídeo: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1080/24p / Áudio: Linear de dois canais PCM 32, 44,1 e 48 kHz, 16, 20 e 24bits, Dolby Digital ÁUDIO (somente HDMI IN 4): 500 mVrms (Típico) / Impedância: 47 kilohms			
AUDIO OUT	500 mVrms (Típico)			
DIGITAL OUT (OPTICAL)	Sinal óptico PCM/Dolby Digital			
PC IN	D-sub de 15-pin, RGB analógico, 0,7 Vp-p, 75 ohms, positivo Consulte a Tabela de Referência de Sinal de Entrada de PC na página 14.			
PC AUDIO INPUT	Minitomada estéreo, 500 mVrms, (Típico) / Impedância: 47 kilohms			
Alimentação e outros				
Requisitos de alimentação	110V ~ 220V CA, 50/60 Hz			
Consumo de energia				
em uso	série V	220 W	220 W	260 W
	série W	–	230 W	275 W
no modo standby	Todos os modelos: menos que 0,1 W*			
Tamanho da tela (polegadas medida diagonalmente)	40 polegadas 102 cm	40 polegadas 102 cm	46 polegadas 117 cm	52 polegadas 132 cm
Resolução do monitor	1.920 pontos (horizontal) × 1.080 linhas (vertical)			
Alto-falante/Full range (2)**(mm)	58 × 126	58 × 126	65 × 150	65 × 150
Dimensões (L × A × P) com pedestal (mm)	997 × 691 × 279	986 × 684 × 279	1.120 × 782 × 307	1.262 × 871 × 347
sem pedestal (mm)	997 × 644 × 110	986 × 646 × 110	1.120 × 742 × 115	1.262 × 829 × 119
padrão de furo para montagem na parede (mm)	300 × 300	300 × 300	300 × 300	300 × 300
tamanho do parafuso para montagem na parede (mm)	M6 × 12 - 18			
Peso com pedestal (kg)	21,0	23,0	30,0	38,0
sem pedestal (kg)	18,0	20,0	26,0	32,0
Acessórios fornecidos	Controle remoto RM-YD023 (1) / Pilhas tamanho AA (2) / Cabo de alimentação CA (1) / Prendedor de cabo (1 fixo no televisor) / Manual de Instruções (1) / Guia Rápido (1) / Folheto de Instruções de Segurança (1) / Folheto de Instalação do pedestal (1)***			
Acessórios opcionais	Cabos de conexão / Kit de Cinto de segurança / DMX-DT1			

* Durante a compilação de dados do guia do televisor e/ou durante a atualização do software o consumo de energia é menor que 30 W.

** Modelos da série KLV-W são fornecidos com tweeters adicionais de 30 mm (1 1/8").

*** Folheto de Instalação do pedestal fornecido apenas para os modelos de 40" e 46".



- A disponibilidade dos acessórios opcionais depende do estoque.
- Projeto e especificações sujeitos a alterações sem prévia comunicação.

CUIDADOS E PRECAUÇÕES

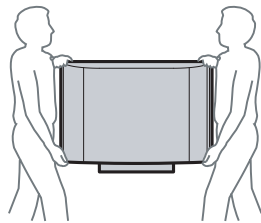
ATENÇÃO

Estas instruções de serviço devem ser executadas somente por técnicos qualificados. Para reduzir o risco de choque elétrico não execute nenhum serviço que não esteja descrito nesse manual, a não ser que você esteja realmente qualificado a executá-lo.

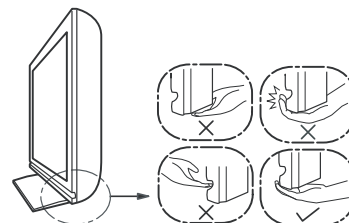
CARREGANDO O TV

Para evitar sérios prejuízos proveniente da queda do TV, procure seguir estas orientações:

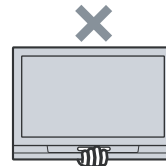
- ☐ Antes de carregar o TV, desconecte todos os cabos.
- ☐ TVs grandes devem ser carregadas por duas ou mais pessoas.
- ☐ Ao carregar a TV, segure-a firmemente, posicionando suas mãos conforme a ilustração. Pressionar o painel LCD pode danificá-lo.



- ☐ Ao mover o TV, segure-o firmemente pela base. Coloque suas mãos diretamente abaixo do painel LCD.
- ☐ Ao transportar, não sujeite o aparelho à vibrações ou forças excessivas.
- ☐ Posicione suas mãos na parte inferior do aparelho, mas tome cuidado para não pressionar a tela sobre os alto-falantes.



- ☐ Não segure ou mova o TV segurando-o pela parte inferior central.



CUIDADO!!

Para evitar choques elétricos durante o serviço de reparo, um transformador isolador deve ser utilizado, pois a parte "viva" do chassi está diretamente ligada à entrada de alimentação AC.



CUIDADO COM OS COMPONENTES DE SEGURANÇA!!

Os componentes identificados com a marca  nos diagramas esquemáticos, vistas explodidas ou na lista de peças são críticos para a segurança. Somente os substitua por componentes Sony identificados neste manual ou em suplementos publicados pela Sony, com seu respectivo código de peça. Ajuste de circuito críticos para a segurança são identificados nesse manual, portanto siga estes procedimentos quando estes componentes críticos forem trocados ou quando suspeitar-se de que estão operando incorretamente.

CUIDADO COM OS COMPONENTES DE SEGURANÇA!!!

Os TVs LCD utilizam componentes críticos para a segurança. Estes componentes estão sombreados e identificados com a marca  nos diagramas esquemáticos e na lista de peças elétricas. É essencial que estes componentes sejam somente substituídos por componentes originais da Sony, especificados na lista de peças elétricas, para prevenir choque elétrico, fogo e outros danos.

NOTA: não modifique o projeto original do aparelho sem permissão por escrito do fabricante, pois isso poderá invalidar a garantia.

TENHA MUITO CUIDADO AO MANUSEAR O PAINEL LCD

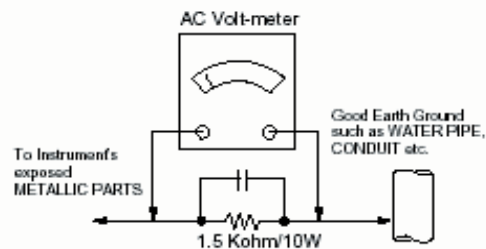
Ao reparar o painel LCD, certifique-se de utilizar uma pulseira para aterramento.

Ao instalar o TV LCD em uma parede, você deve utilizar os 4 furos de montagem localizados no painel traseiro do aparelho.

O que fazer para evitar danos ao painel LCD:

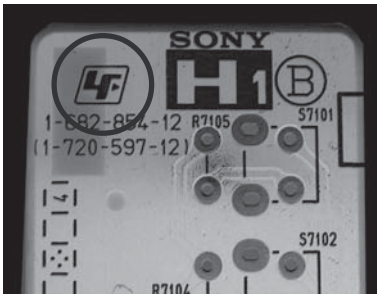
- não pressione a tela do painel ou extremidade da moldura para evitar choque elétrico.
- não risque ou pressione o painel com objetos pontiagudos.
- não deixe o módulo em locais de alta temperatura e umidade por um grande período de tempo.
- não exponha o painel LCD à luz solar direta.
- evite o contato com a água, pois isso pode causar curto circuito.
- desconecte o cabo de força quando reparar os circuitos do inversor e do backlight (CCFL).
(O circuito tem alta tensão quando o inversor opera com 650 Vrms!)
- Sempre utilize um pano macio e limpo para a limpeza do painel LCD.
- Manuseie com cuidado os cabos e conectores do circuito do inversor. Ao danificá-los você pode causar um curto-circuito.
- Proteja o painel da eletricidade estática (ESD), evitando danos aos circuitos eletrônicos (CMOS).

CIRCUITO DE VERIFICAÇÃO DE CORRENTE DE FUGA



Exemplo 1

As placas de circuito deste modelo foram montadas utilizando solda livre de chumbo. As placas são identificadas como o logo LF, sempre localizado p'ximo à borda da placa, como no Exemplo 1 (placa H1). O reparo dessa placa requer cuidados especiais no manuseio.



É altamente recomendável que você use solda livre de chumbo (Lead Free Solder) de forma a garantir a qualidade dos pontos de solda. Este material está disponível, conforme os códigos de peça a seguir:

Código de Peça	Diâmetro	Quantidade
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Devido à alta temperatura de fusão da solda livre de chumbo, a ponta do ferro de solda deve ser ajustada a uma temperatura de 370 °C. Este tipo de solda requer o uso de uma estação de solda adequada, para manter a temperatura de operação.

Para mais informações sobre o uso de solda livre de chumbo, por favor, acesse <http://www.sony-training.com>.

INSPEÇÃO DE SEGURANÇA

Após corrigir o problema original de assistência técnica, efetue as seguintes inspeções de segurança antes de liberar o aparelho para o cliente:

1. Verifique a área onde foi efetuada o reparo, procurando por conexões sem solda ou com solda fria. Verifique toda a superfície da placa, procurando por respingos ou "pontes" indesejáveis de solda.
2. Verifique toda a fiação entre placas, a fim de assegurar que nenhum fio esteja sendo pressionado ou esteja em contato com resistores de alta potência.
3. Verifique se todos os botões de controle, blindagens, tampas, conexões de terra e ferragens de montagem foram colocados de volta em seu lugar. Redobre a atenção ao certificar-se de que todos os isoladores foram repostos.
4. Procure por peças de reposição não-autorizadas (transistores especialmente) que possam ter sido instaladas em reparos anteriores. Indique-as ao cliente e recomende que sejam substituídas.
5. Procure por peças que, embora estejam funcionando no momento, exibem óbvios sinais de deterioração. Indique-as ao cliente e recomende que sejam substituídas.
6. Verifique os cabos de força, procurando por rachaduras e sinais de abrasão. Recomende ao cliente a substituição de qualquer cabo de força com esses sinais.
7. Verifique os valores de B+ e HV, para conferir se correspondem aos especificados. Certifique-se de que seus instrumentos são precisos; suspeite de seu voltímetro de HV se ele apresentar sempre uma baixa medida de HV.
8. Verifique os terminais da antena, o acabamento metálico os botões "metalizados", os parafusos e todas as outras peças metálicas expostas, procurando por fugas AC. Verifique a presença de fugas, seguindo as orientações abaixo.

Teste de Fuga

As fugas de AC entre qualquer peça metálica exposta e o terra geral e entre todas as peças metálicas expostas e qualquer peça metálica exposta com retorno pelo chassi não devem exceder 0,5 mA (500 microampères). A corrente de fuga pode ser medida por um dos três métodos abaixo:

1. Com um medidor de fuga comercial, tal como o 229 da Simpson ou o WT-540A da RCA. Siga as instruções dos respectivos fabricantes para utilizar esses instrumentos.
2. Com um miliamperímetro CA alimentado por bateria. O multímetro digital 245 da Data Precision, por exemplo, é adequado para essa tarefa.
3. Medindo-se a queda de tensão sobre um resistor por meio de um multímetro ou voltímetro CA alimentado por bateria. Como a indicação "limite" é de 0,75 V, os instrumentos analógicos utilizados devem possuir uma escala de baixa tensão bastante precisa. O modelo 250 da Simpson ou o SH-63TRD da Sanwa são bons exemplos de multímetros passivos para este caso. Quase todos os multímetros digitais alimentados por bateria e com uma escala de 2V AC também são adequados (Veja a Figura A).

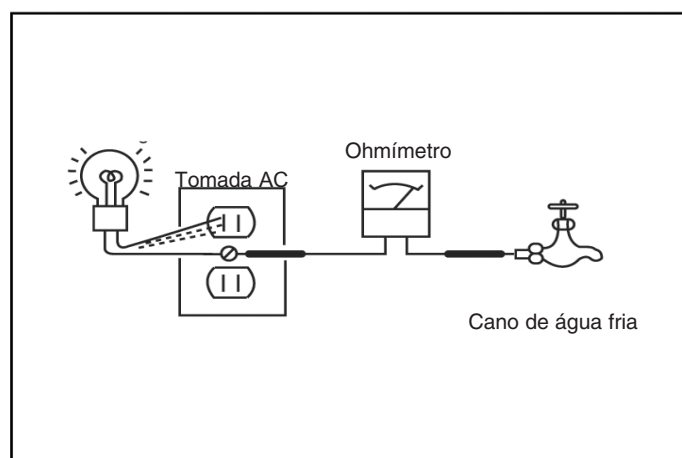
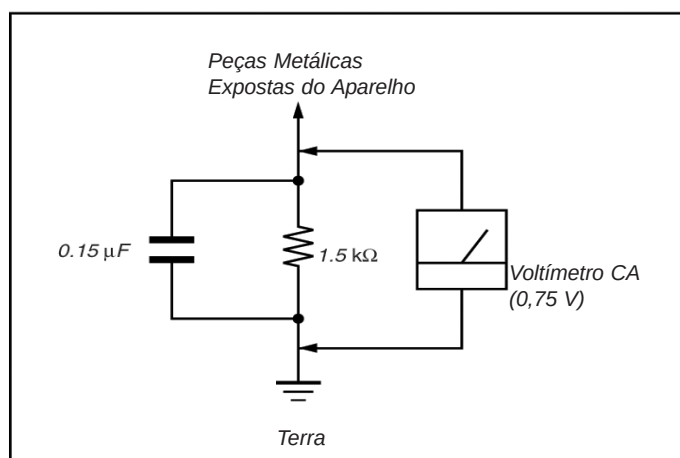


Figura A. Utilização de um voltímetro para verificar fugas em AC.

FUNÇÃO DE AUTO-DIAGNÓSTICO

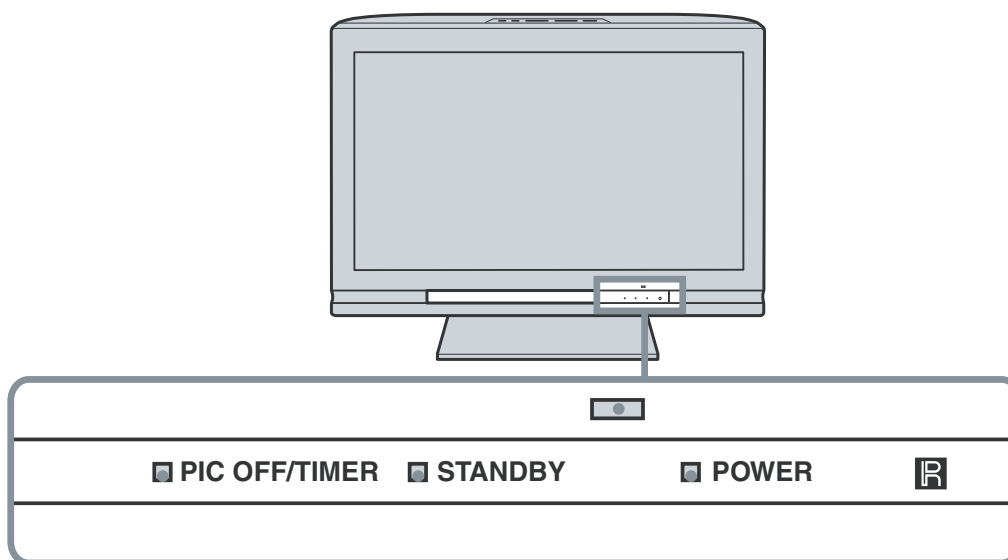


Este modelo possui a função de auto-diagnóstico. Se ocorrer um erro, o led de STANDBY LED começará a piscar automaticamente. O número de vezes que o LED pisca indica a provável causa do problema. A definição dos indicadores (n.º de piscadas) do led STANDBY LED está listado no manual de instruções para referência do usuário. Se ocorrer uma falha que não pode ser reproduzida, o controle remoto pode ser utilizado para verificar uma lista das falhas ocorridas e a frequência em que elas ocorreram pois tudo fica gravado na memória do aparelho.

1. Indicador de Teste do Diagnóstico

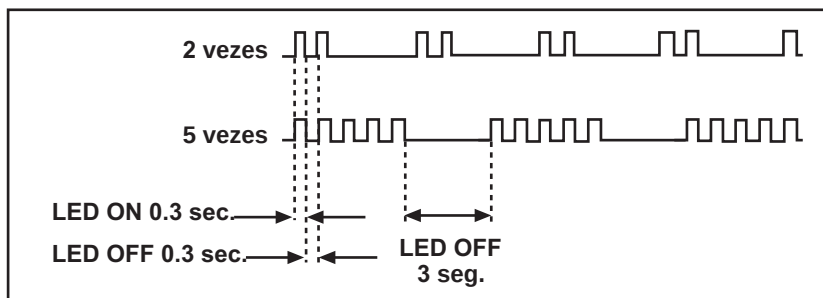
Quando um erro ocorre, o led de STANDBY LED começa a piscar, indicando a provável causa do erro. Se mais de um erro ocorrer, será indicado o que primeiro ocorreu.

Botões de Controle



Descrição das indicações do led

LED	Tipo do LED	Descrição
POWER LED	LED Verde	* Acende quando a TV está ligada
STANDBY LED	LED Vermelho	* Acende quando a TV está em modo STANDBY. * Se o LED piscar continuamente, pode indicar a necessidade de reparo do aparelho.
PIC OFF/TIMER LED	LED Verde ou Laranja	* Acende verde quando "Picture Off" está ativado. * Acende laranja quando o timer está ativado. Quando o timer está ativo, o LED permanecerá aceso mesmo com o aparelho desligado.



Visualizando a lista de verificação do auto-diagnóstico

1. A TV deve estar em modo standby. (Power off)
2. Pressione as seguintes teclas sequencialmente no controle remoto.

[DISPLAY] → Channel [5] → Volume [-] → [POWER].

A lista é exibida.



Este item diferencia o acesso aos ajustes de serviço.

O resultado dos seguintes itens de diagnóstico são exibidos na tela. Se não tiver ocorrido erro, a indicação será "0".

SELF CHECK		PAGE 1
002	MAIN_POWER	01
003	DC_ALERT1	00
005	PANEL_ALERT	00
006	BACKLIGHT	00
013	BACKLIGHT_BALANCE	00
00001 00027 00009 00000		

← 1 é indicado quando ocorre algum erro

← 0 é indicado quando nenhum erro ocorreu

3. Pressione o cana [1] no controle remoto para ir à pág. 2 da lista de verificação do auto-diagnóstico.

SELF CHECK		PAGE 2
007	TEMP	00
008	SP_PROT	00
011	TRIDENT_IC	00
012	HFR_ERROR	00
012	TCON_ERROR	00
00001 00027 00009 00000		

4. Pressione o canal [4] no controle remoto para voltar à pág. 1 da lista de verificação.

NOTA: Se o texto do menu de serviço não estiver completamente visível, pressione [HOME] no controle remoto para atualizar.

5. Para sair desse modo, desligue o aparelho..

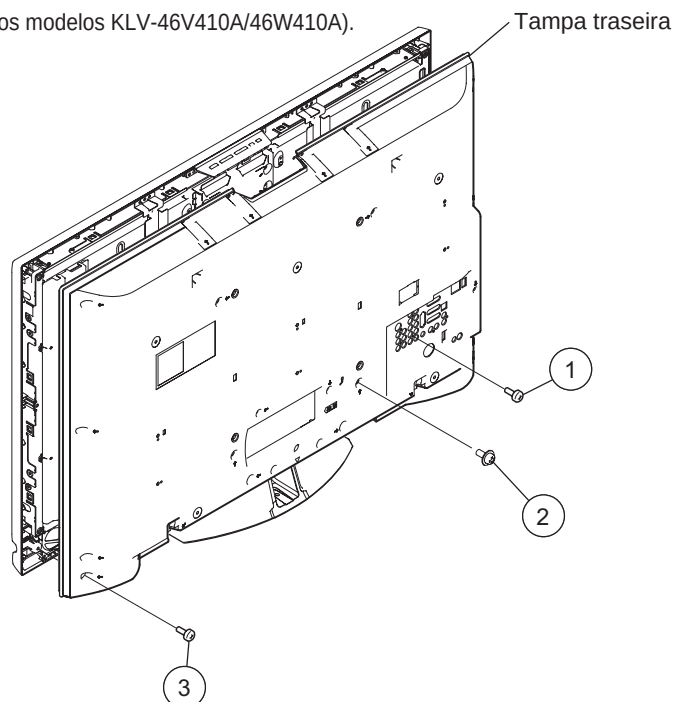
Limpando os dados da lista de auto-diagnóstico

1. No modo de serviço, pressione [8] → Channel [0].

SEÇÃO 1 : DESMONTAGEM

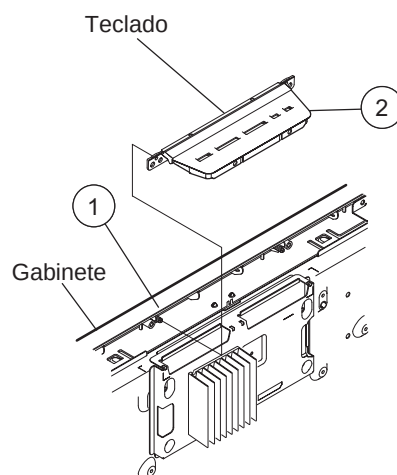
1-1. REMOÇÃO DA TAMPA TRASEIRA

- ① Remova 1 parafuso próximo aos terminais.
- ② Remova 6 parafusos
- ③ Remova 19 parafusos (para os modelos KLV-40V410A/40W410A).
Remova 21 parafusos (para os modelos KLV-46V410A/46W410A).



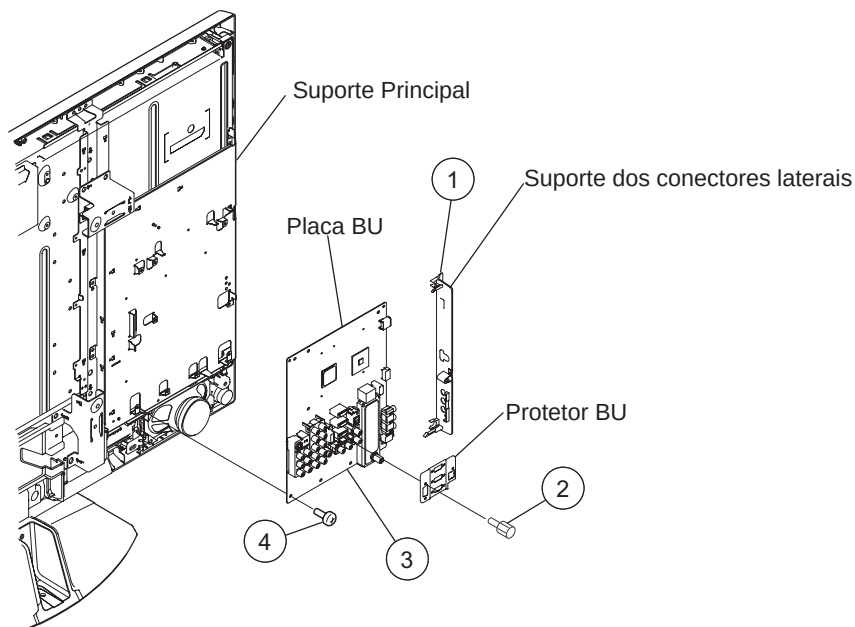
1-2. REMOÇÃO DO TECLADO

- ① Remova o teclado do gabinete.
- ② Solte o conector.



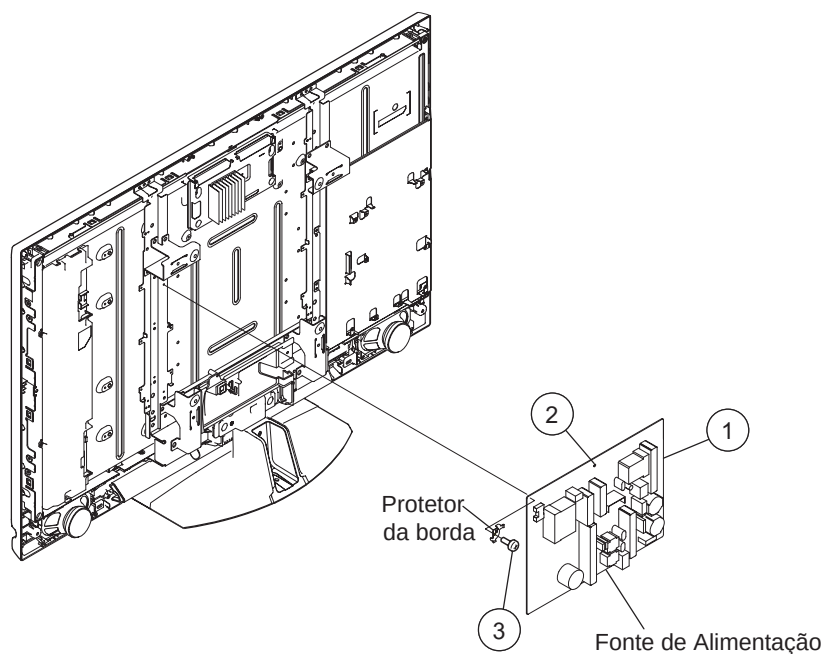
1-3. SUPORTE DOS CONECTORES LATERAIS, PLACA BU E PROTETOR

- ① Solte a trava e deslize o suporte dos conectores laterais da placa BU.
- ② Remova 2 parafusos HEX.
- ③ Desconecte 6 conectores
- ④ Remova 9 parafusos.



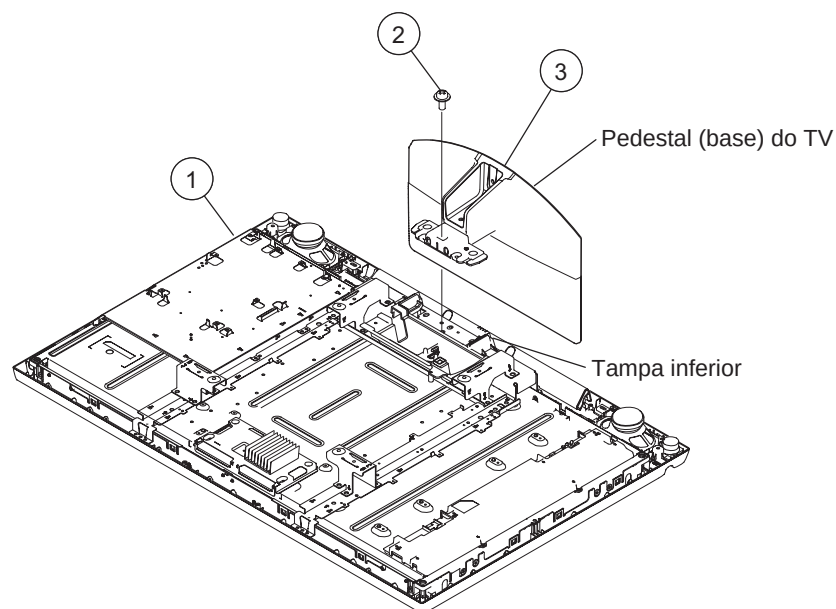
1-4. REMOÇÃO DA FONTE DE ALIMENTAÇÃO (PLACA IP5Z)

- ① Desconecte 5 conectores.
- ② Remova 6 parafusos.
- ③ Solte as 4 travas da placa



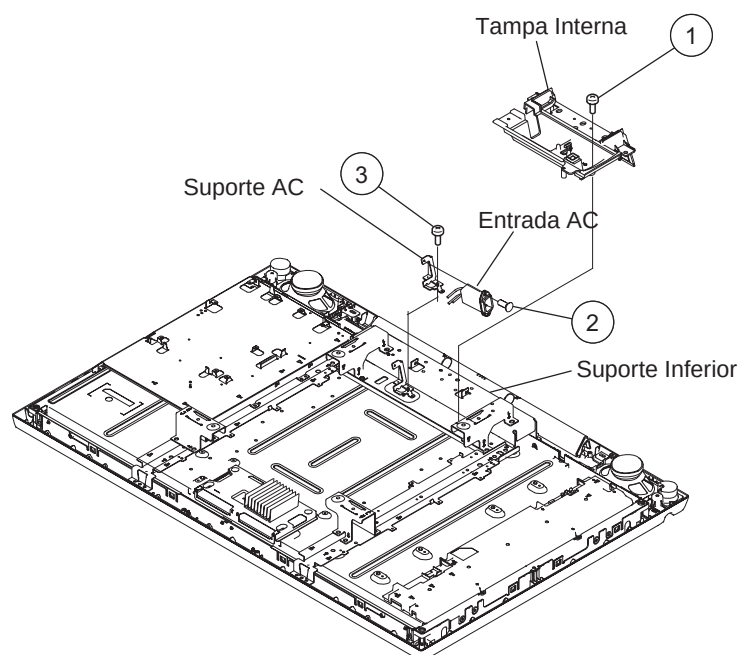
1-5. REMOÇÃO DA BASE DO TV (PEDESTAL)

- ① Coloque o TV com a tela virada para baixo sobre uma superfície macia.
- ② Remova 4 parafusos.
- ③ Deslize e retire o pedestal da unidade.



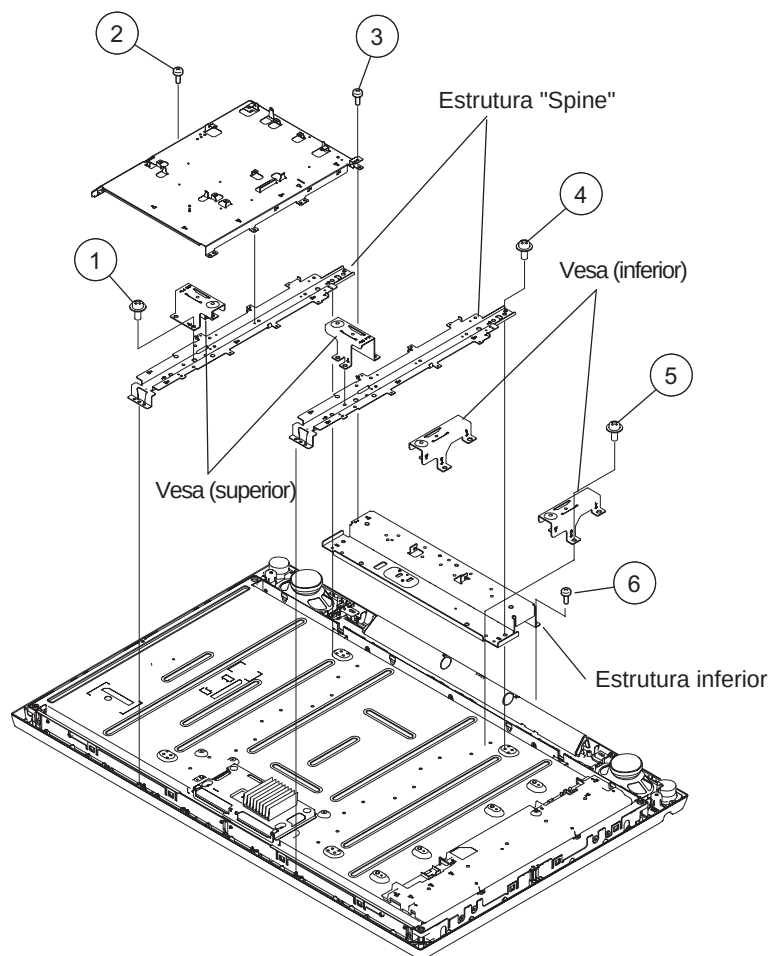
1-6. REMOÇÃO DA TAMPA INTERNA E ENTRADA AC

- ① Remova 1 parafuso.
- ② Remova 2 parafusos.
- ③ Remova 1 parafuso



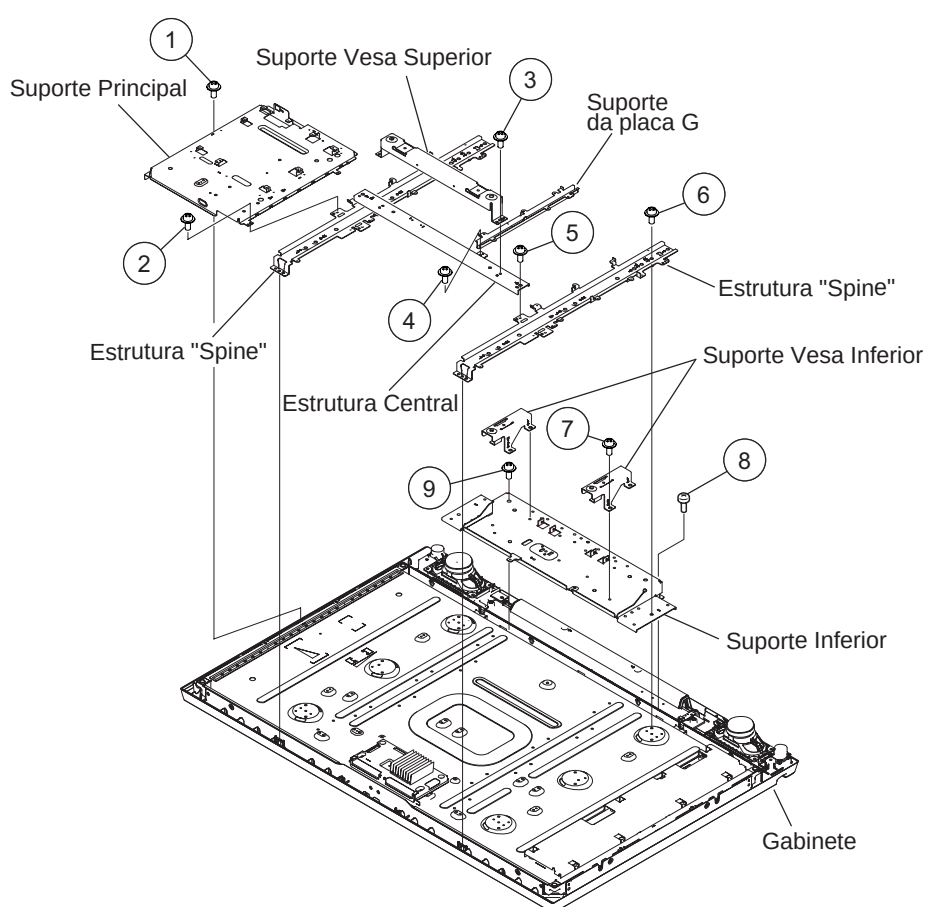
1-7. REMOÇÃO DE QUADROS ESTRUTURAIS E SUPORTES (KLV-40V410A/40W410A)

- ① Remova 4 parafusos dos suportes Vesa superiores.
- ② Remova 1 parafuso do suporte principal e gabinete.
- ③ Remova 4 parafusos do suporte principal.
- ④ Remova 6 parafusos das estruturas "spine".
- ⑤ Remova 4 parafusos dos suportes Vesa inferiores.
- ⑥ Remova 4 parafusos da estrutura inferior.



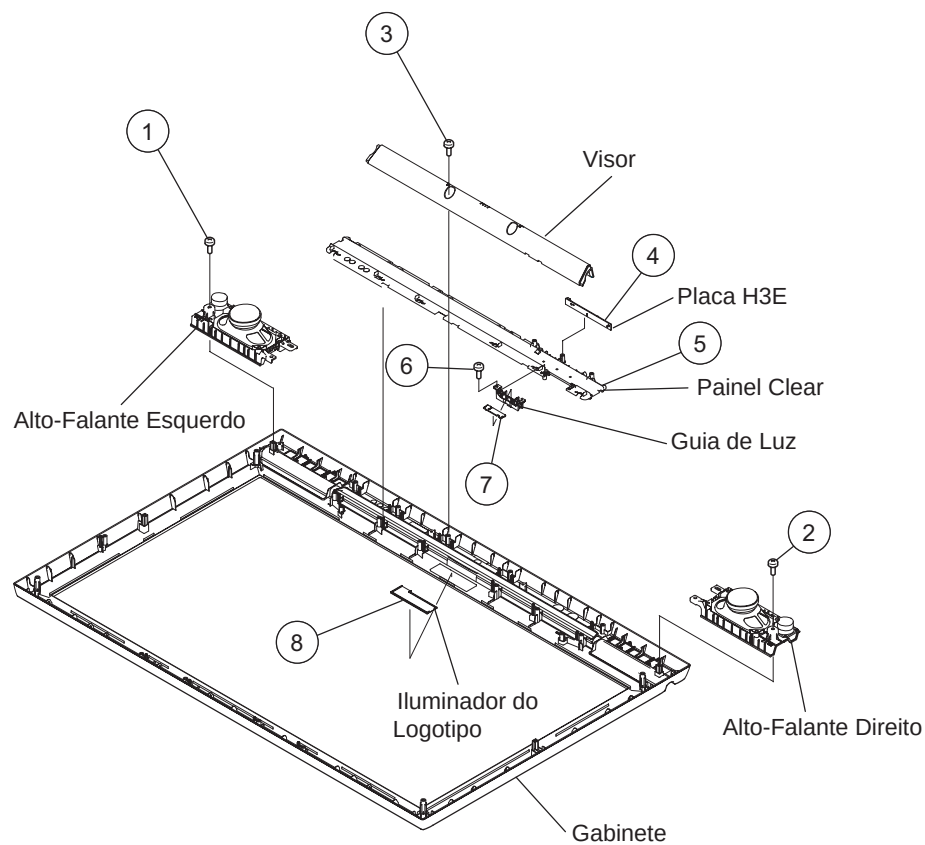
1-8. REMOÇÃO DE QUADROS ESTRUTURAIS E SUPORTES (KLV-46V410A/46W410A)

- ① Remova 1 parafuso do suporte principal.
- ② Remova 3 parafusos do suporte principal e estrutura "spine".
- ③ Remova 2 parafusos do suporte Vesa superior.
- ④ Remova 2 parafusos do suporte da placa G.
- ⑤ Remova 2 parafusos da estrutura central.
- ⑥ Remova 10 parafusos das estruturas "spine".
- ⑦ Remova 4 parafusos de ambos os suportes Vesa inferiores.
- ⑧ Remova 4 parafusos do suporte inferior.
- ⑨ Remova 1 parafuso do suporte inferior.



1-9 REMOÇÃO DOS FALANTES, GUIA DE LUZ, VISOR E PLACAS H3E E H4

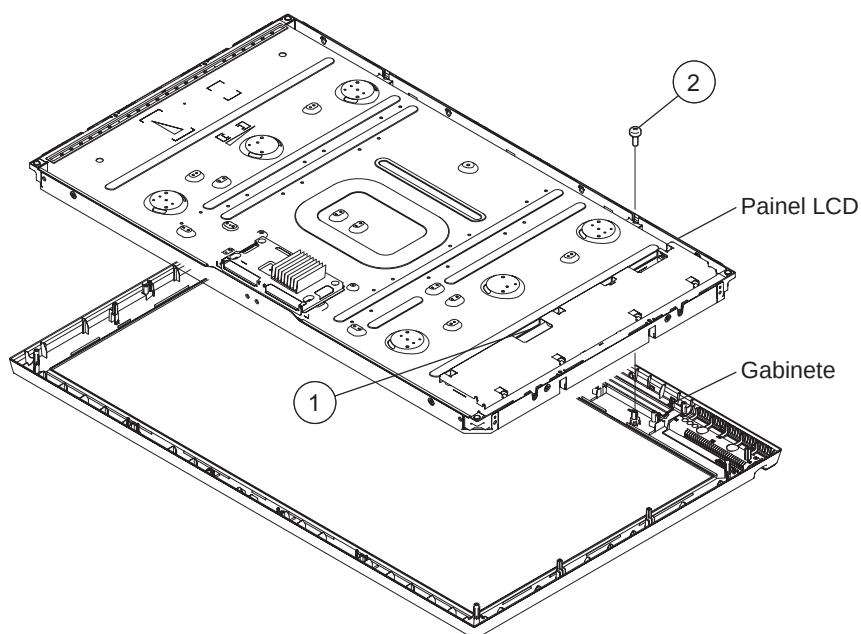
- ① Deslize e remova o alto-falante esquerdo do gabinete.
- ② Deslize e remova o alto-falante direito do gabinete.
- ③ Remova os 2 parafusos da barra inferior.
- ④ Desconecte 1 conector e deslize a placa H3E do painel Clear.
- ⑤ Libere as travas e remova-o do gabinete.
- ⑥ Remova 1 parafuso e libere as travas do painel Clear.
- ⑦ Desconecte 1 conector e deslize a placa H4 da guia de luz.
- ⑧ Desconecte 1 conector e remova o iluminador do logotipo do gabinete (apenas para os modelos KLV-40W410A/46W410A).



1-10. REMOÇÃO DO PAINEL LCD

NOTA: O cabo LVDS só pode ser instalado de uma única forma. Há uma fita colorida no cabo indicando qual lado deve ser conectado ao TCON e qual deve ser conectado à placa BU.

- ① Desconecte 2 conectores.
- ② Remova 2 parafusos.



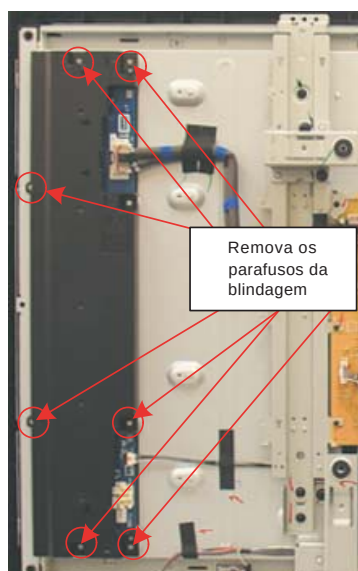
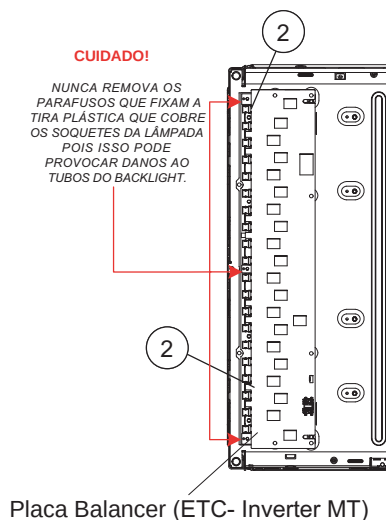
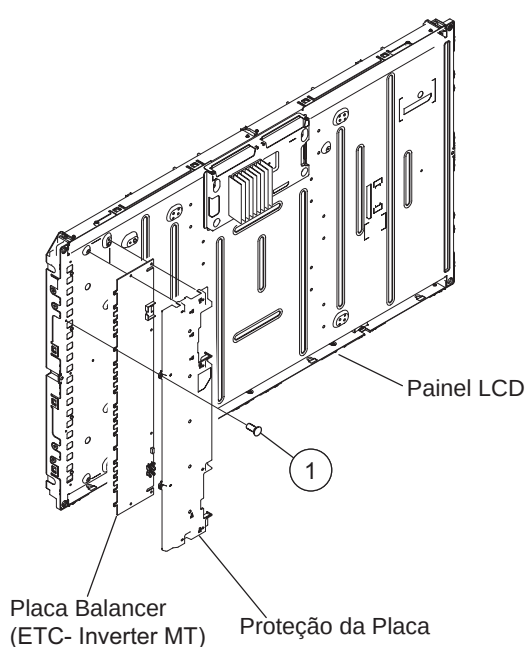
1-10-1. LIMPANDO O PAINEL LCD

CUIDADO: Ao limpar o TV, desligue-o da tomada para evitar qualquer possibilidade de choque elétrico.

- ① Limpe o gabinete da TV com um pano seco macio.
- ② Limpe a tela LCD com um pano macio.
 - Manchas difíceis devem ser removidas com um pano macio levemente embebido em uma solução de água morna e detergente neutro.
 - Se estiver utilizando um tecido quimicamente tratado, siga as instruções da embalagem.
 - Nunca use solventes fortes como thinner, álcool ou benzina na limpeza.
 - É recomendado aspirar o pó acumulado nas entradas de ventilação para garantir a correta ventilação do interior do aparelho.

1-11. REMOÇÃO DA PLACA BALANCER (ETC-INVERTER MT)

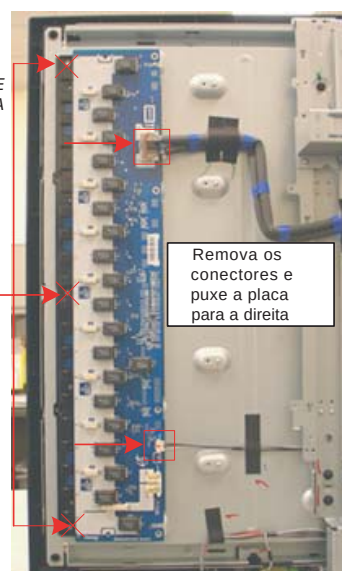
- ① Remova 8 parafusos (KLV-40V410A/40W410A).
Remova 7 parafusos (KLV-46V410A/46W410A).
- ② Puxe a placa, desencaixando-a do soquete da lâmpada.



REMOÇÃO DA BLINDAGEM

ATENÇÃO!

NUNCA REMOVA OS PARAFUSOS QUE FIXAM A TIRA PLÁSTICA QUE COBRE OS SOQUETES DA LÂMPADA POIS ISSO PODE PROVOCAR DANOS AO TUBOS DO BACKLIGHT.



SEÇÃO 2: AJUSTES DE SERVIÇO

2-1. VISUALIZANDO OS DADOS AJUSTADOS

Não existem ajustes necessários para este modelo. Todos os dados já foram ajustados para oferecer a melhor imagem aos nossos consumidores. As seções a seguir servem somente para informação.

2-2. ACESSANDO O MODO DE SERVIÇO

1. A TV deve estar em modo STANDBY (desligada).
2. Pressione as teclas abaixo em sequência, com o intervalo de aproximadamente 1 segundo entre uma e outra:

[DISPLAY] → Channel [5] → Volume [+] → [POWER].



É exibida a tela inicial do modo de serviço.

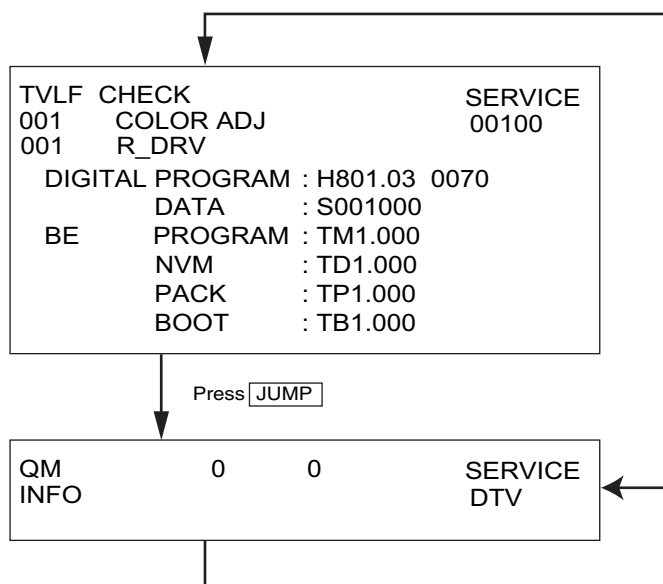
TVLF	CHECK	SERVICE
001	COLOR ADJ	00100
001	R_DRV	
DIGITAL PROGRAM : H801.03 0070		
	DATA : S001000	
BE	PROGRAM : TM1.000	
	NVM : TD1.000	
	PACK : TP1.000	
	BOOT : TB1.000	

2-3. VISUALIZANDO OS MENUS DE SERVIÇO

Utilize o controle remoto para visualizar as opções do modo de serviço BE.

1. Para mostrar o menu de serviço da categoria que você deseja ajustar, pressione **JUMP** no controle remoto.
(Para obter a lista completa, vá até o menu de serviço).

NOTA: Se o texto do menu de serviço não estiver completamente visível, pressione **HOME** no controle remoto para atualizar a tela.



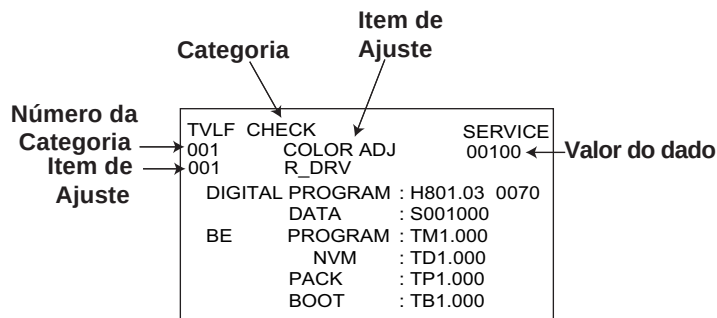
2-4. USANDO O CONTROLE REMOTO PARA VISUALIZAR OS DADOS DE SERVIÇO

Use os botões do controle remoto para acessar o modo de serviço, seus itens e ajustar os valores dos dados.

1. Acessando o modo de serviço

Pressione as teclas abaixo em sequência, com o intervalo de aproximadamente 1 segundo entre uma e outra:

[DISPLAY] → Channel [5] → Volume [+] → [POWER].



A tela mostra a primeira categoria selecionada no menu de serviço.

NOTA: Se o texto não estiver completamente visível no menu de serviço pressione o botão [HOME] no controle remoto para atualizar a tela.

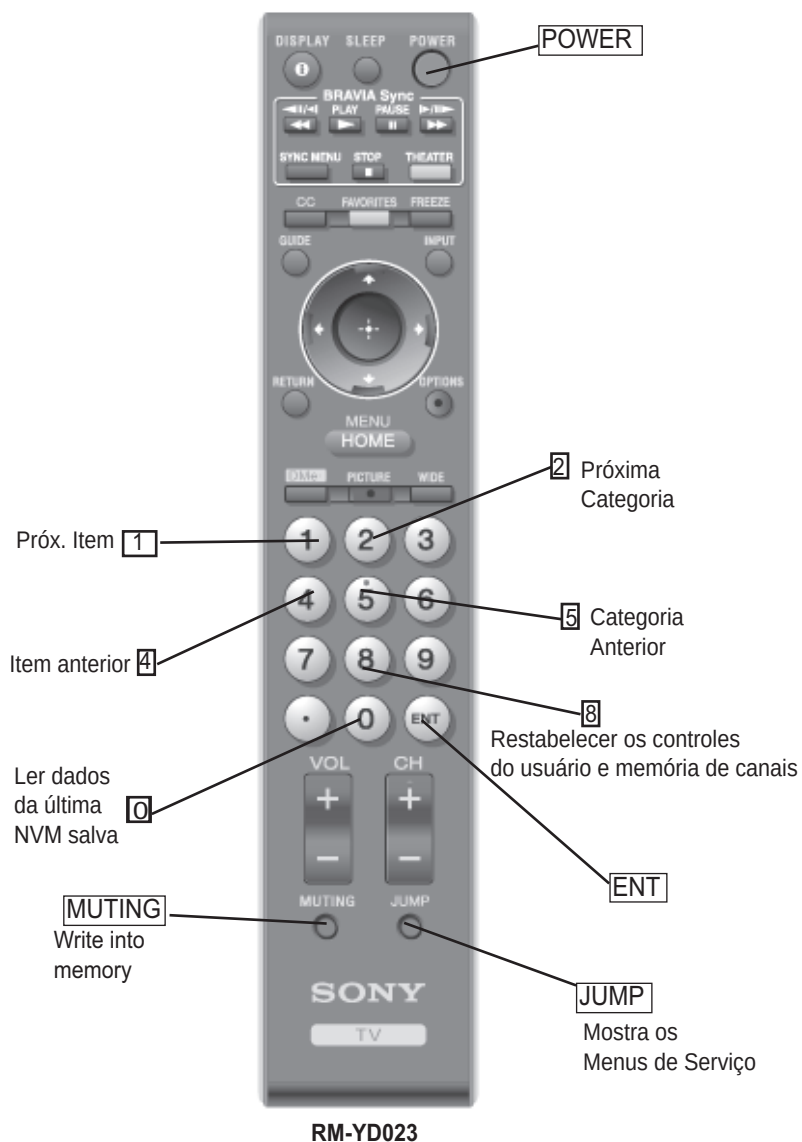
2. Para mudar a categoria pressione [2] ou [5] no controle remoto.

Nota: Pressionar [2] ou [5] apenas muda as categorias que o menu de serviço está exibindo.

Para mudar a categoria em um dos menus de serviço, pressione o botão [JUMP] até que o menu correto seja exibido.

3. Para mudar o item de ajuste pressione [1] ou [4] no controle remoto.

4. Para sair do modo de serviço, desligue o TV.



2-5. VOLTANDO AOS PADRÕES DE FÁBRICA

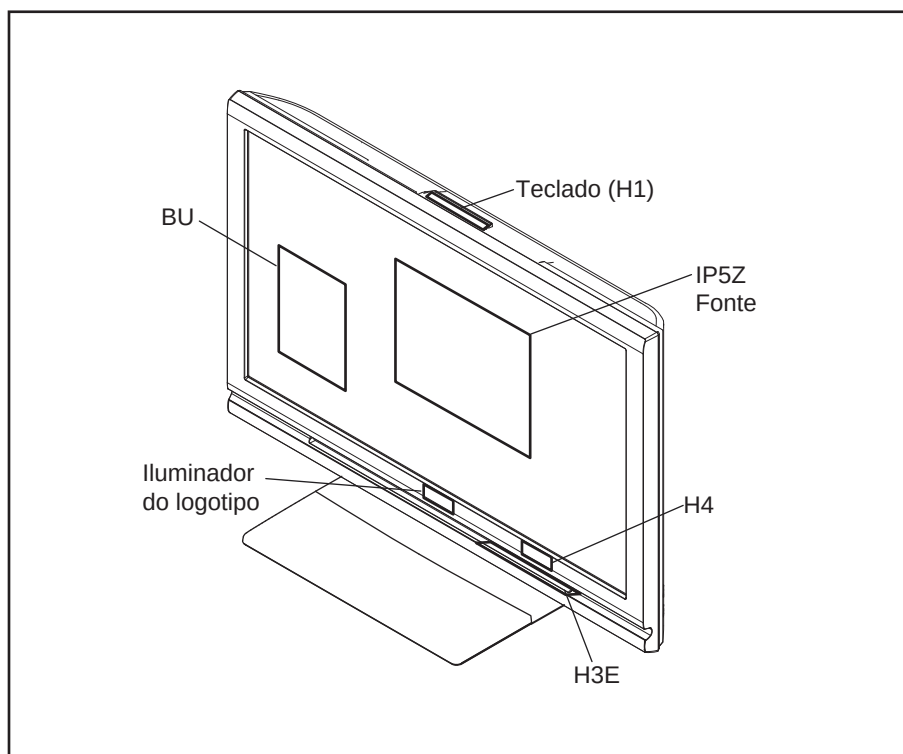
Utilize as instruções a seguir para ajustar o aparelho às condições iniciais de fábrica.

1. Mantenha pressionado [▲] no controle remoto e aperte também o botão POWER no painel frontal do TV.

O Aparelho vai reiniciar e vai exibir a tela de ajustes iniciais. Isso pode levar alguns minutos.

SEÇÃO 3: DIAGRAMAS

3-1. LOCALIZAÇÃO DAS PLACAS DE CIRCUITO



3-2. INFORMAÇÃO SOBRE PLACAS DE CIRCUITO IMPRESSO E DIAGRAMAS ESQUEMÁTICOS

Todos os capacitores estão em μF a menos que especificados. pF : μF 50V ou menos não são indicados, exceto para eletrolíticos e os de tântalo.

Todos os eletrólitos são de 50V, a menos que especificados.

Todos os resistores estão em ohms. $\text{k}\Omega=1000\Omega$, $\text{M}\Omega=1000\text{k}\Omega$

Especificação do resistor, caso não haja nenhuma outra indicação, conforme a seguir:

Tamanho : 5 mm

Potência : 1/4 W

1/4 W para resistor comum, 1/10 W e 1/16 W para resistor tipo chip.

: resistor anti-chama

: resistor fusível

Δ : componente interno

: descrição do painel e ajuste de reparo

$\perp$: ponto de aterramento

: ponto de terra no chassi

Todos os resistores variáveis e ajustáveis têm a característica curva B, a menos que especificados.

As medidas se referem ao sinal de barras coloridas na entrada.

As medidas foram tomadas com um multímetro digital de $10\text{M}\Omega$.

As medidas DC estão em relação ao terra, a menos que especificadas.

Variações de tensão são consideradas normais, desde que observadas dentro de uma faixa de tolerância.

As tensões são dadas em volts (V).

S : Impossibilidade de medição.

: Linha B+

: B-line. (valor atual medido pode ser diferente).

: Fluxo de sinal (RF)

Números circulosados se referem à formas de onda.

Os componentes identificados com o símbolo Δ são críticos para a segurança. Somente os substitua pela peça com o código especificado nesse manual.

O símbolo indica fusível de operação rápida e "e" exibido do lado componente da placa. Somente substitua esse fusível por um exatamente igual.

NOTA: Os componentes indicados no quadro vermelho ou com o símbolo contém informação confidencial. Devem ser adotadas instruções específicas quando estes componentes forem trocados ou ajustados. Veja o apêndice A "Componentes Chave Codificados" no final deste manual.

INFORMAÇÕES DE REFERÊNCIA

RESISTOR

: RN METAL FILM

: RC SOLID

: FPRD NONFLAMMABLE CARBON

: FUSE NONFLAMMABLE FUSIBLE

: RW NONFLAMMABLE WIREWOUND

: RS NONFLAMMABLE METAL OXIDE

: RB NONFLAMMABLE CEMENT

: ※ ADJUSTMENT RESISTOR

CAPACITOR

: TA TANTALUM

: PS STYROL

: PP POLYPROPYLENE

: PT MYLAR

: MPS METALIZED POLYESTER

: MPP METALIZED POLYPROPYLENE

: ALB BIPOLAR

: ALT HIGH TEMPERATURE

: ALR HIGH RIPPLE

INDUTOR

: LF-8L MICRO INDUCTOR

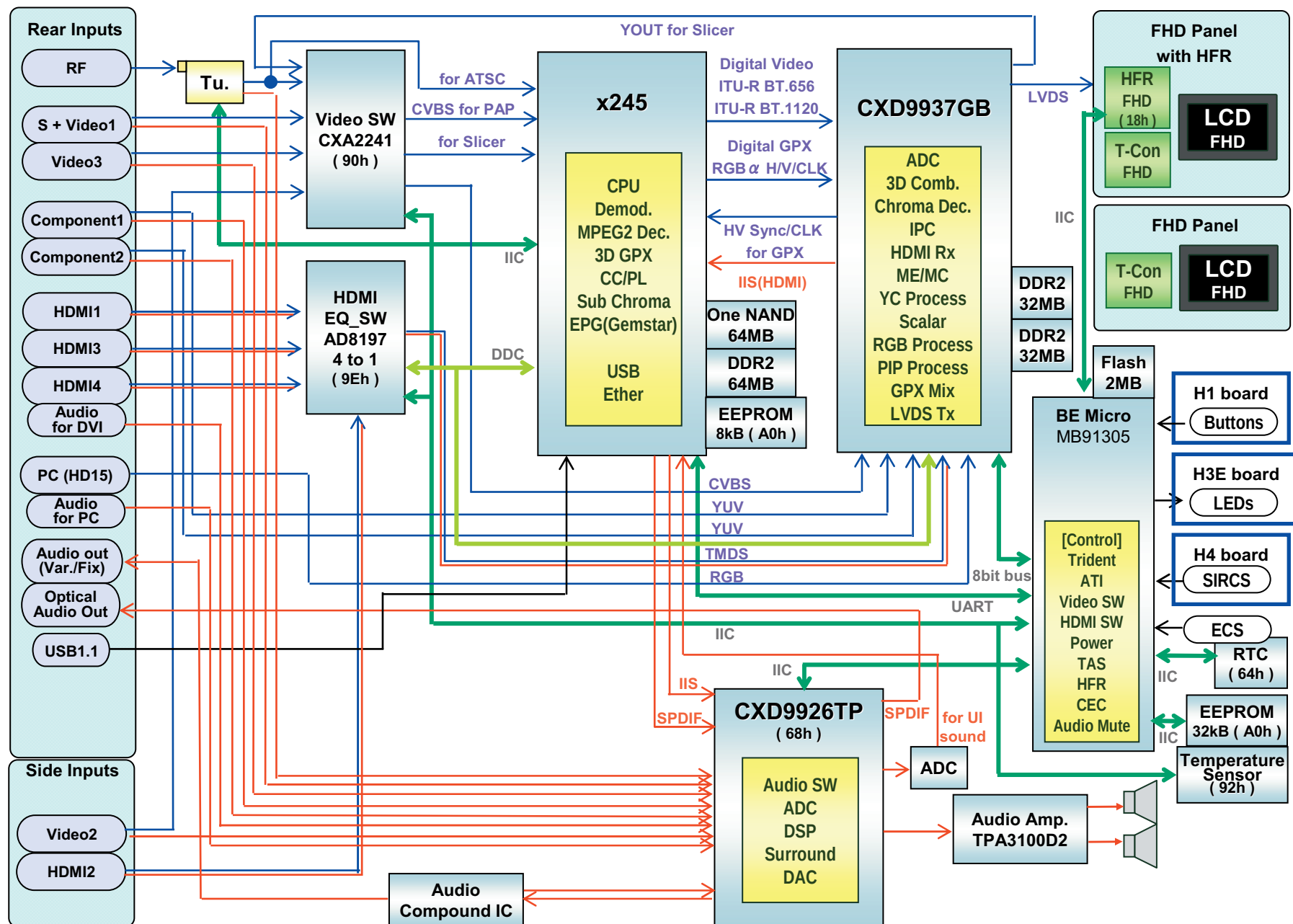
Terminal name of semiconductors in silk screen printed circuit (※)

	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector Base Emitter	
2	Transistor		Collector Base Emitter	
3	Diode		Cathode Anode	
4	Diode		Cathode Anode (NC)	
5	Diode		Cathode Anode (NC)	
6	Diode		Common Anode Cathode	
7	Diode		Common Anode Cathode	
8	Diode		Common Anode Anode	
9	Diode		Common Anode Anode	
0	Diode		Common Cathode Cathode	
!i	Diode		Common Cathode Cathode	
!TM	Diode		Anode Anode Cathode Cathode	
!£	Transistor (FET)		Drain Source Gate	
!Ç	Transistor (FET)		Drain Source Gate	
!?	Transistor (FET)		□ Source □ Drain □ Gate	
!§	Transistor		□ Emitter □ Collector □ Base	
!¶	Transistor		C2(B1)E1 E2(B2)C1	
!•	Transistor		C1(B2)E2 E1(B1)C2	
!a	Transistor		C1 B2 E2 E1 B1 C2	
@°	Transistor		C1 B2 E2 E1 B1 C2	
@ı	Transistor		E2 B1 E1 C2 C1(B2)	
@TM	Transistor		(B2) B1 E1 E2 C1 C2	
@£	Transistor		(B2) E2 E1 B1 C2 C1	
—	Discrete semiconductot			

(Chip semiconductors that are not actually used are included.)

Ver.1.6

3-3. DIAGRAMA EM BLOCOS



3-4. DIAGRAMAS ESQUEMÁTICOS E INFORMAÇÕES DE SUPORTE
DIAGRAMA ESQUEMÁTICO DA PLACA BU (1 DE 12)

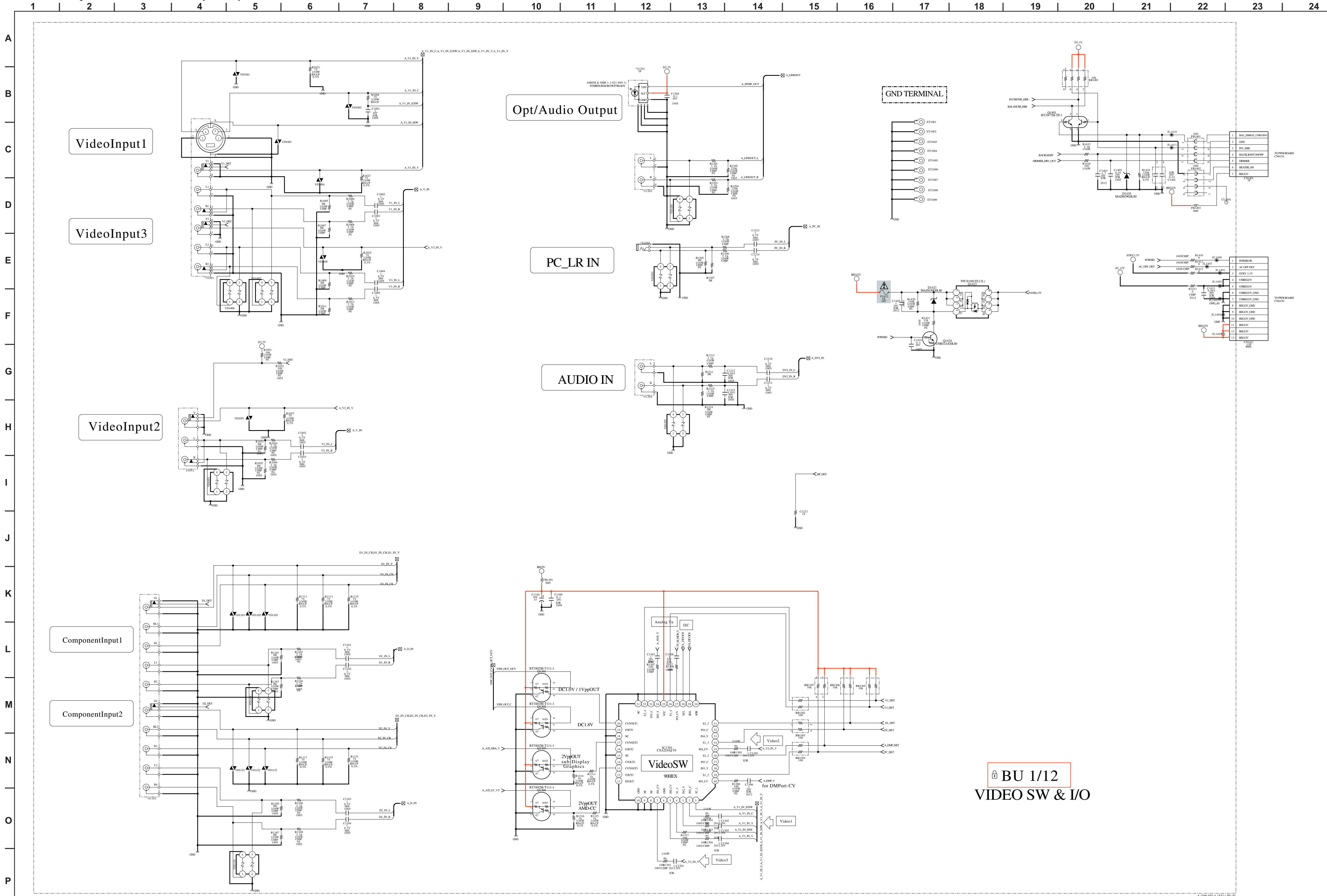




DIAGRAMA ESQUEMÁTICO DA PLACA BU (3 DE 12)

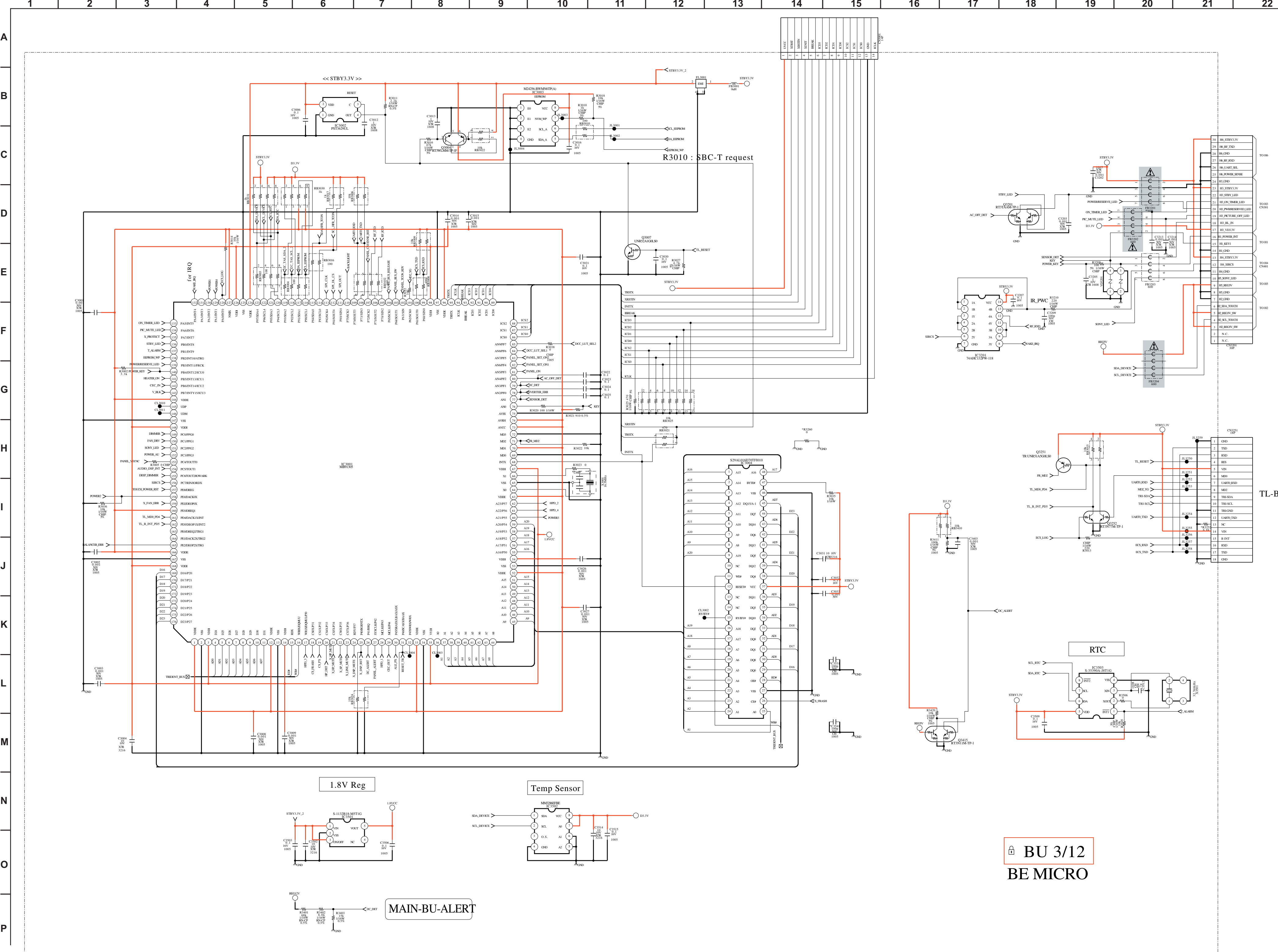
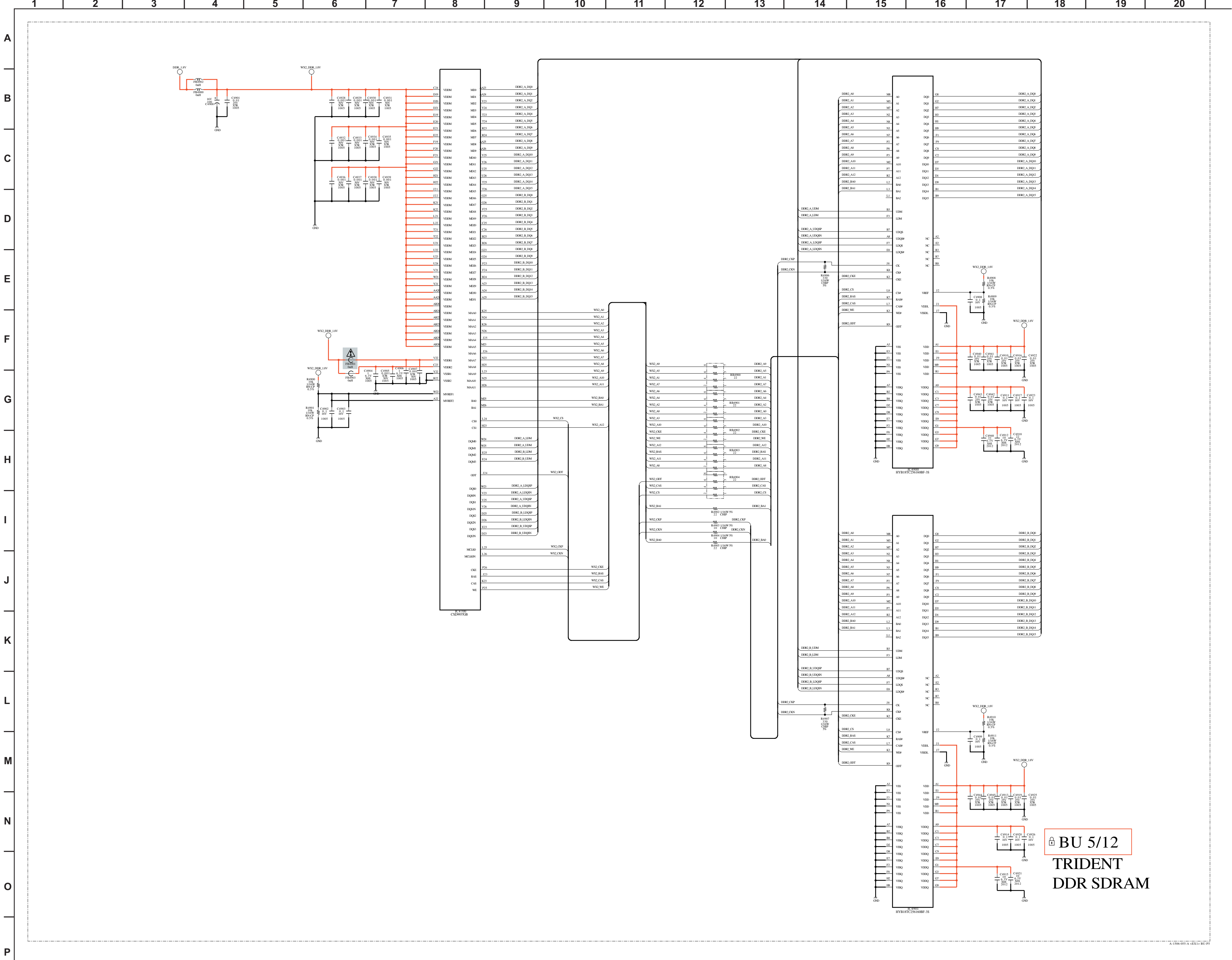




DIAGRAMA ESQUEMÁTICO DA PLACA BU (5 DE 12)



BU 5/12
TRIDENT
DDR SDRAM

DIAGRAMA ESQUEMÁTICO DA PLACA BU (6 DE 12)

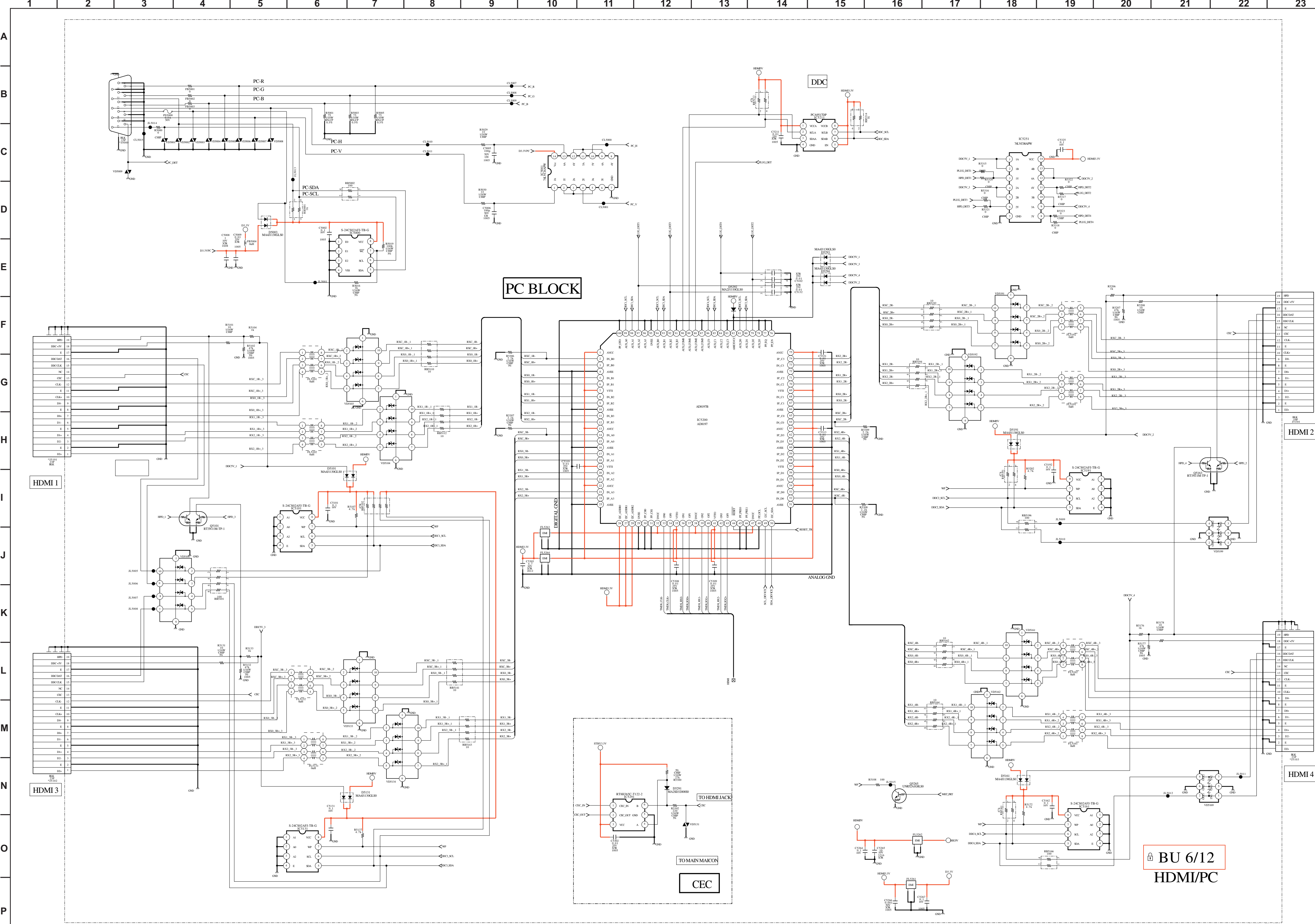




DIAGRAMA ESQUEMÁTICO DA PLACA BU (8 DE 12)

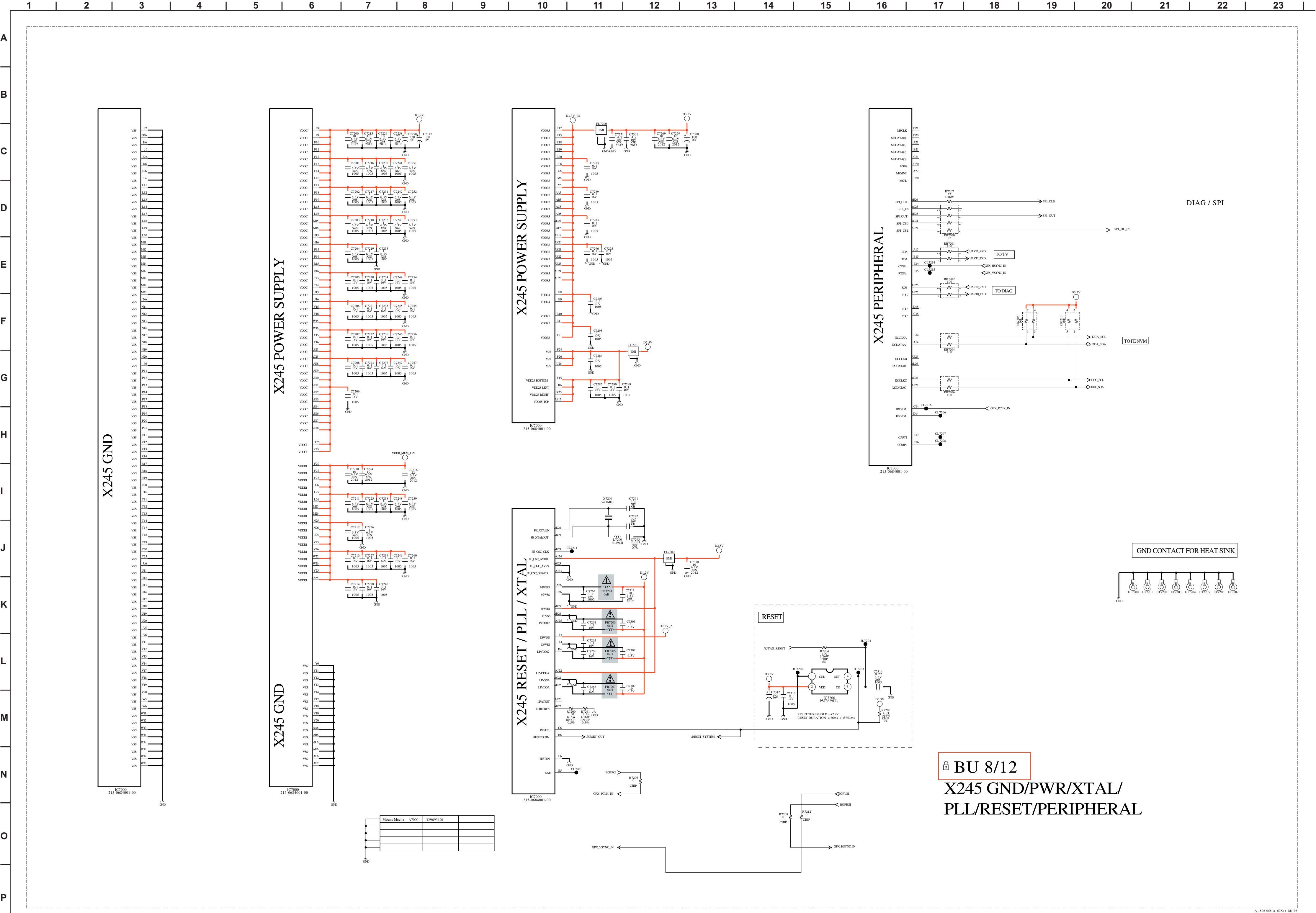
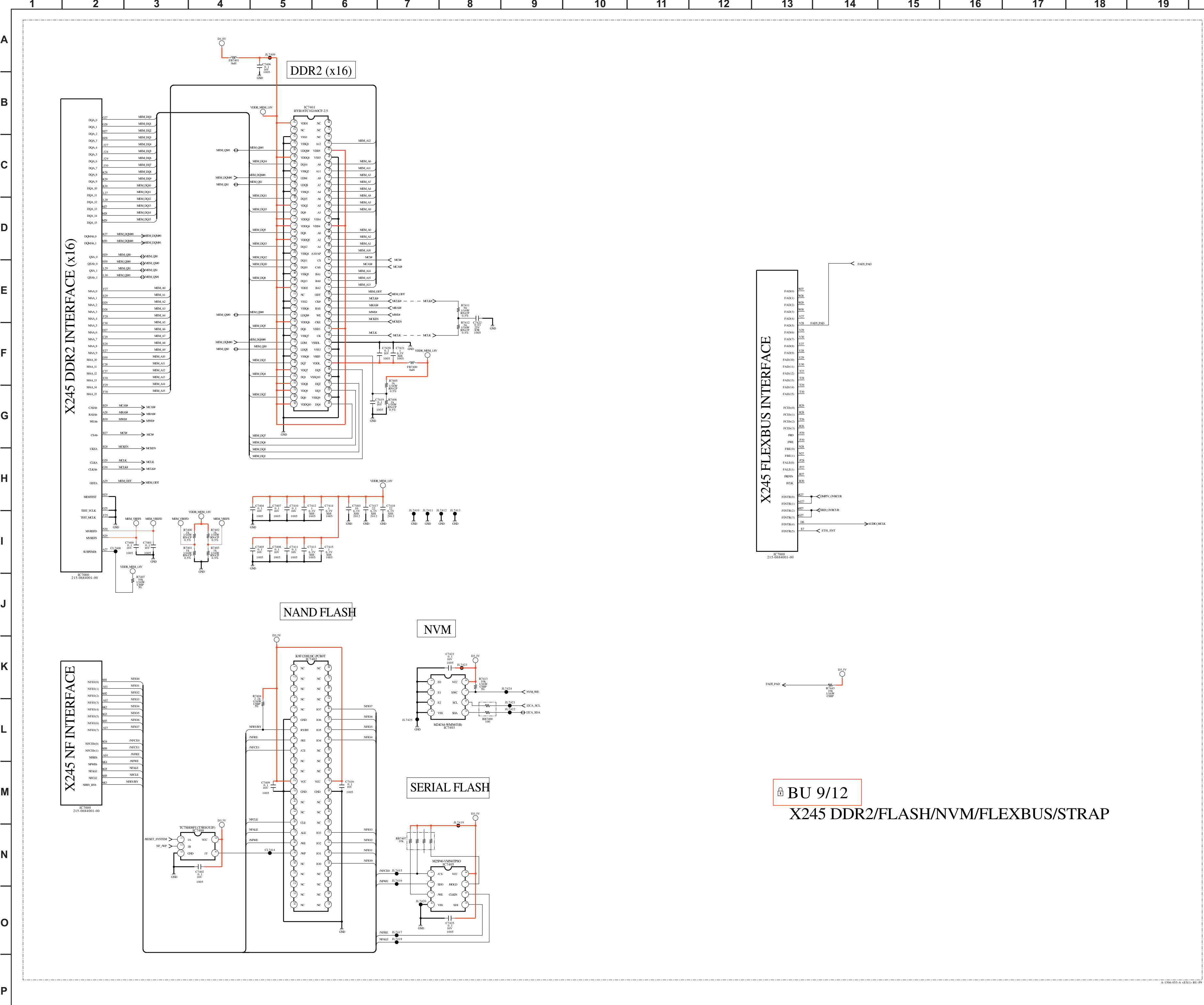


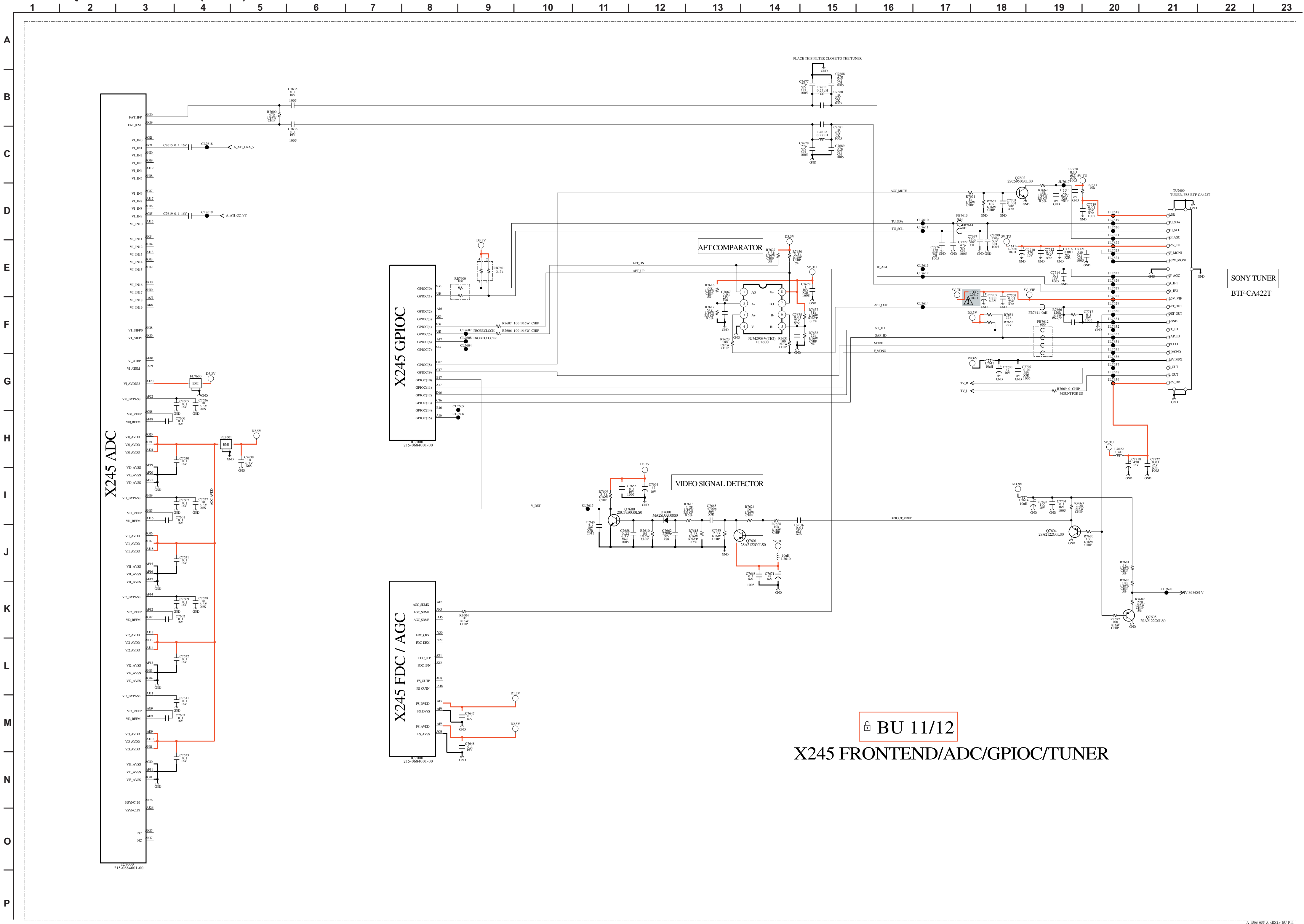
DIAGRAMA ESQUEMÁTICO DA PLACA BU (9 DE 12)

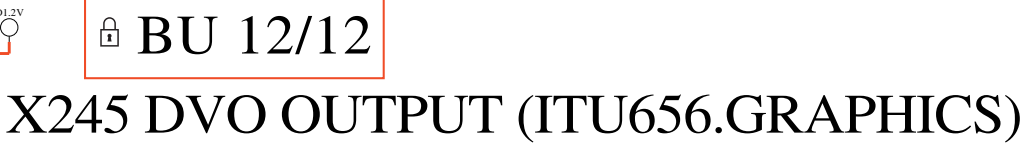


BU 9/12
X245 DDR2/FLASH/NVM/FLEXBUS/STRAP



DIAGRAMA ESQUEMÁTICO DA PLACA BU (11 DE 12)





LADO COMPONENTE

LADO CONDUTOR

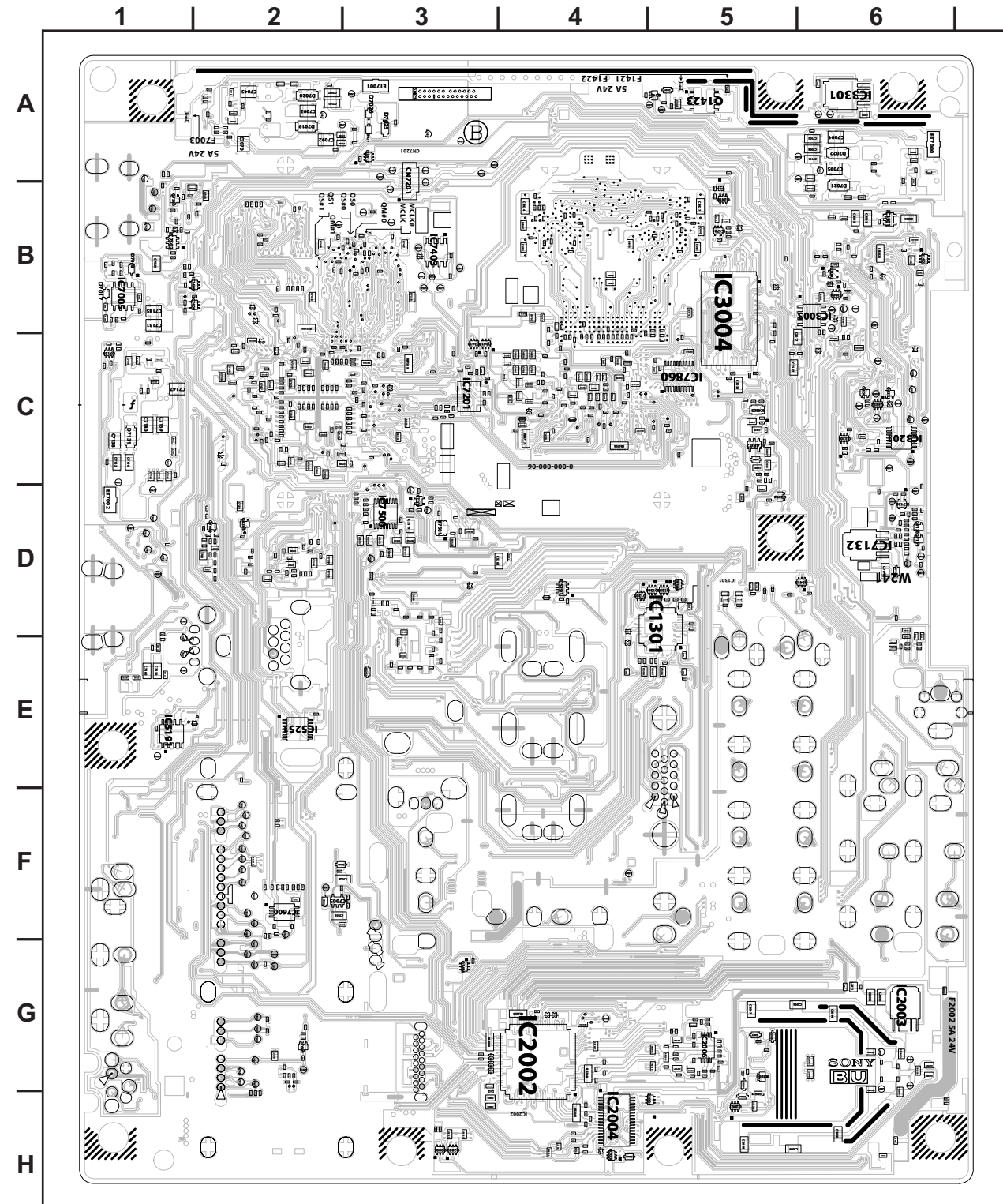
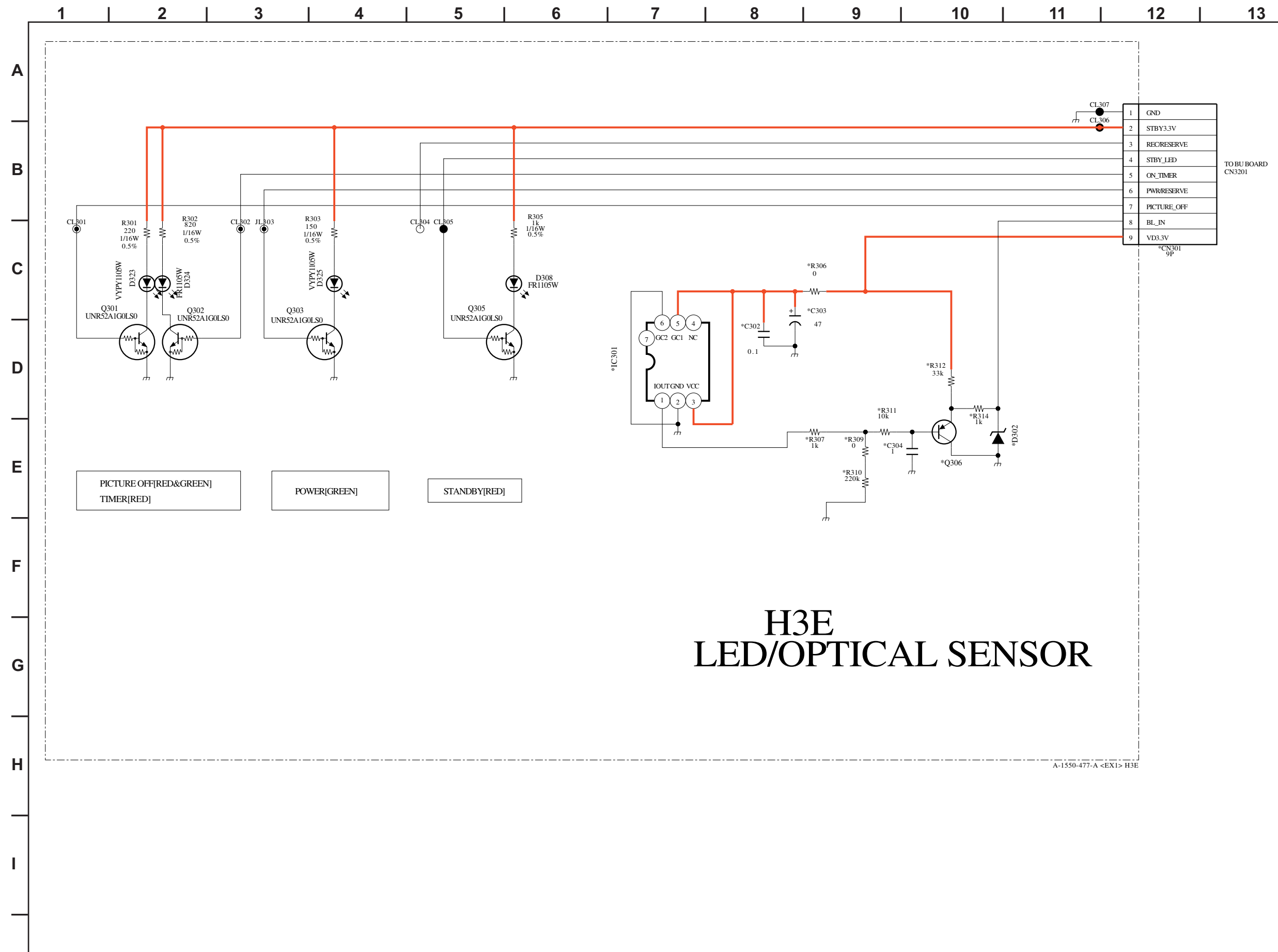


DIAGRAMA ESQUEMÁTICO PLACA HE3



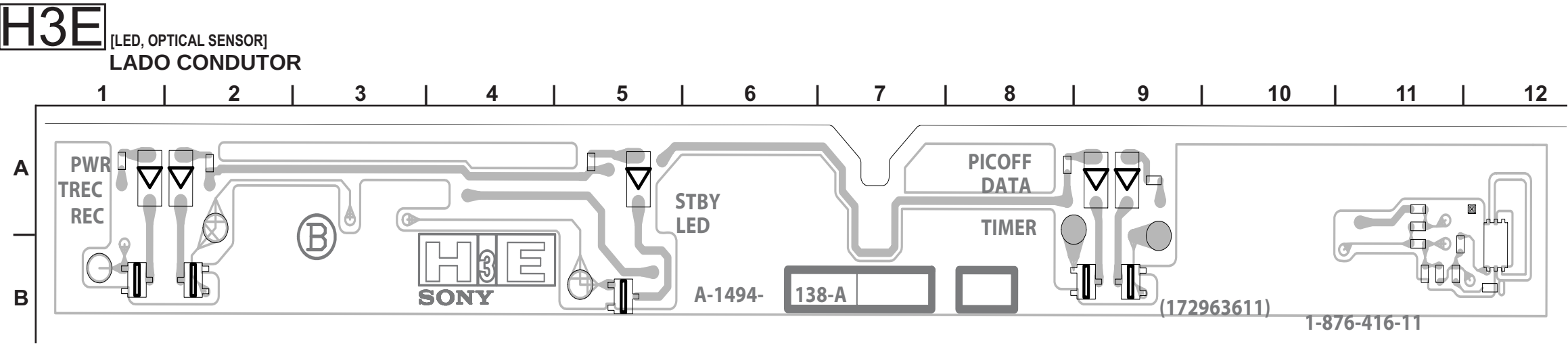
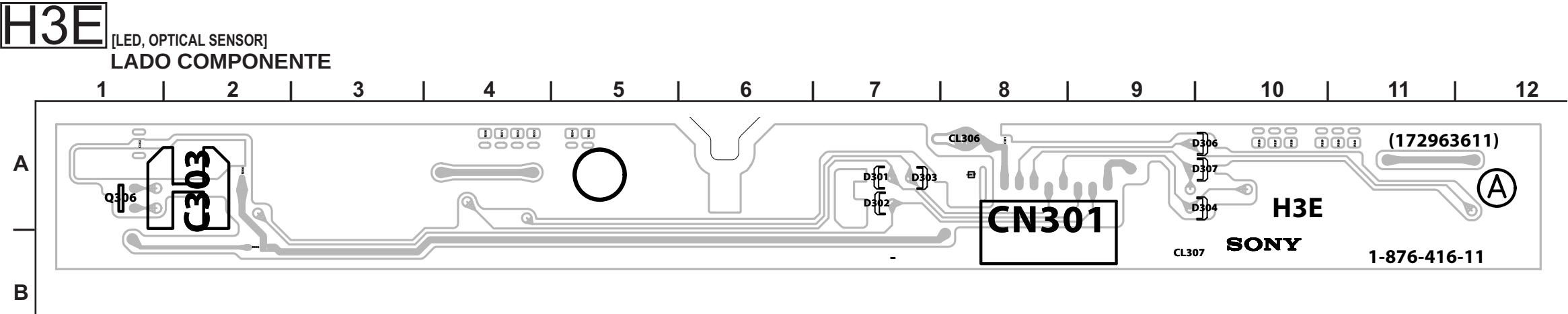
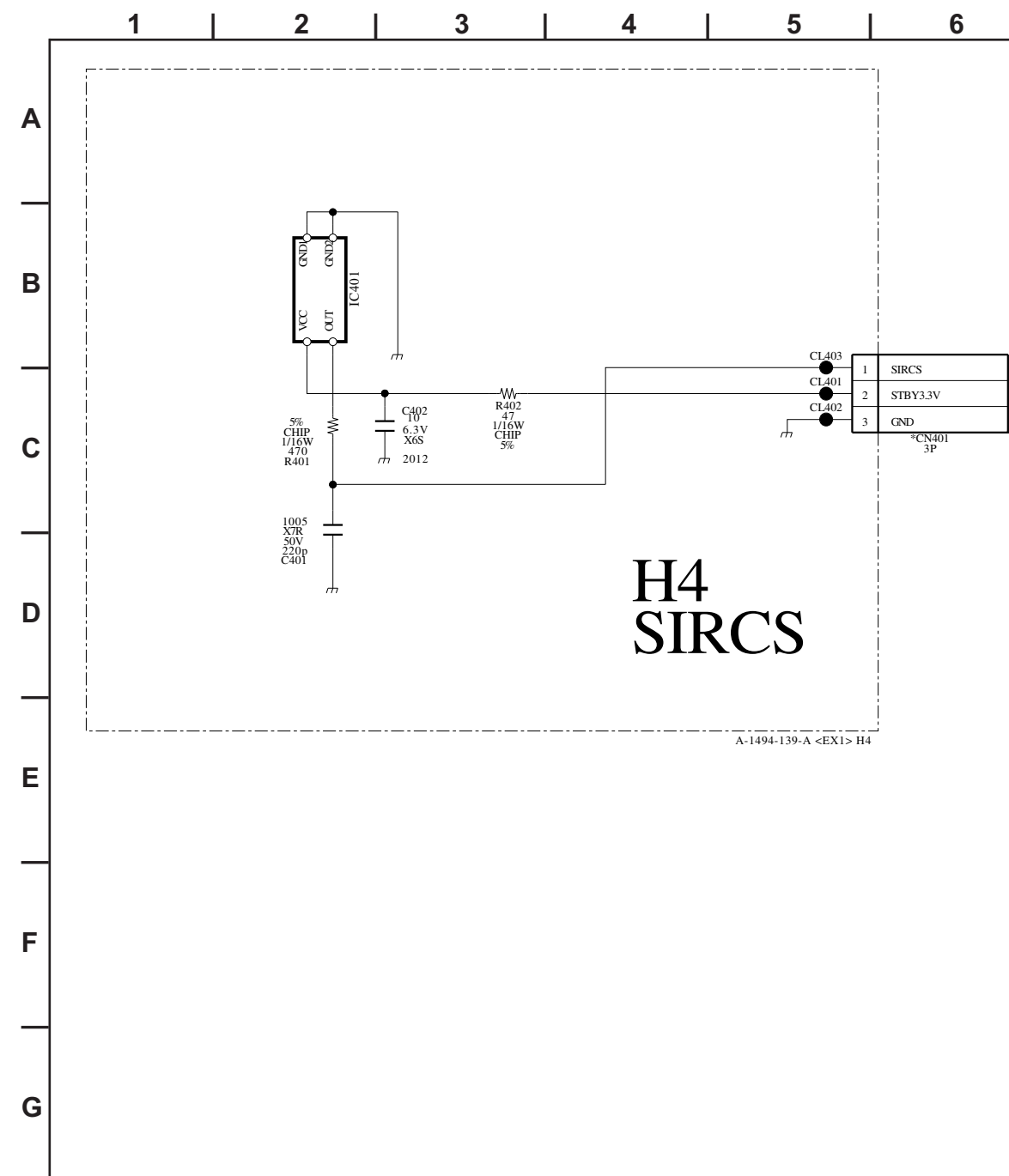


DIAGRAMA ESQUEMÁTICO DA PLACA H4



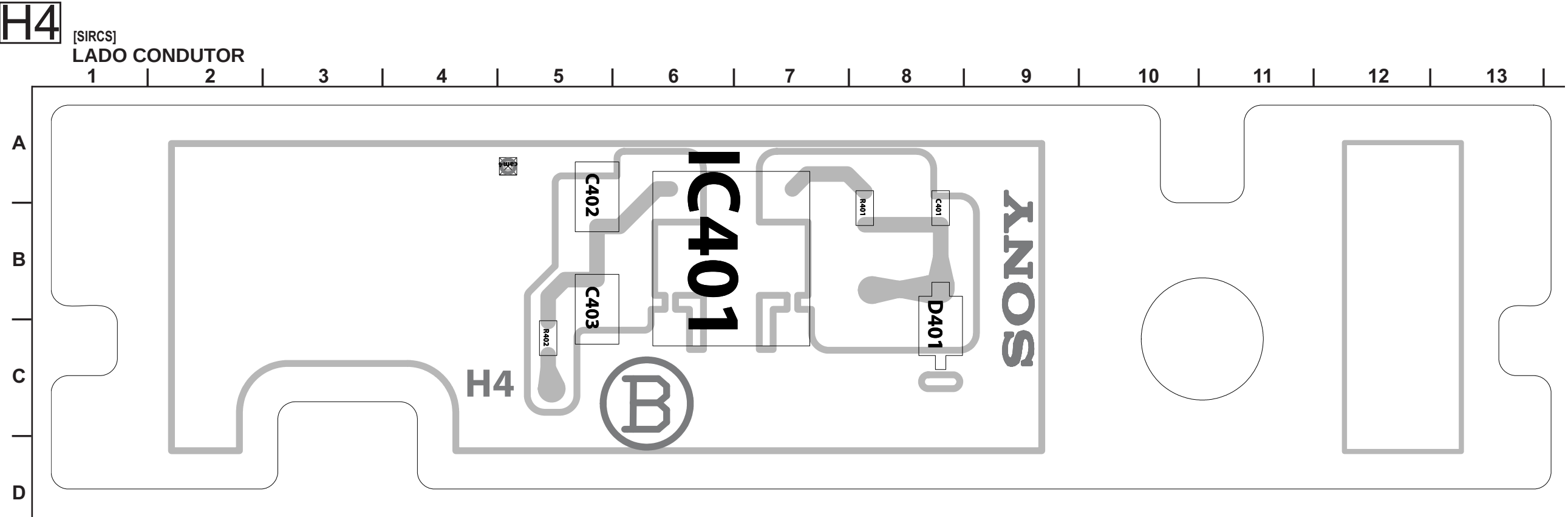
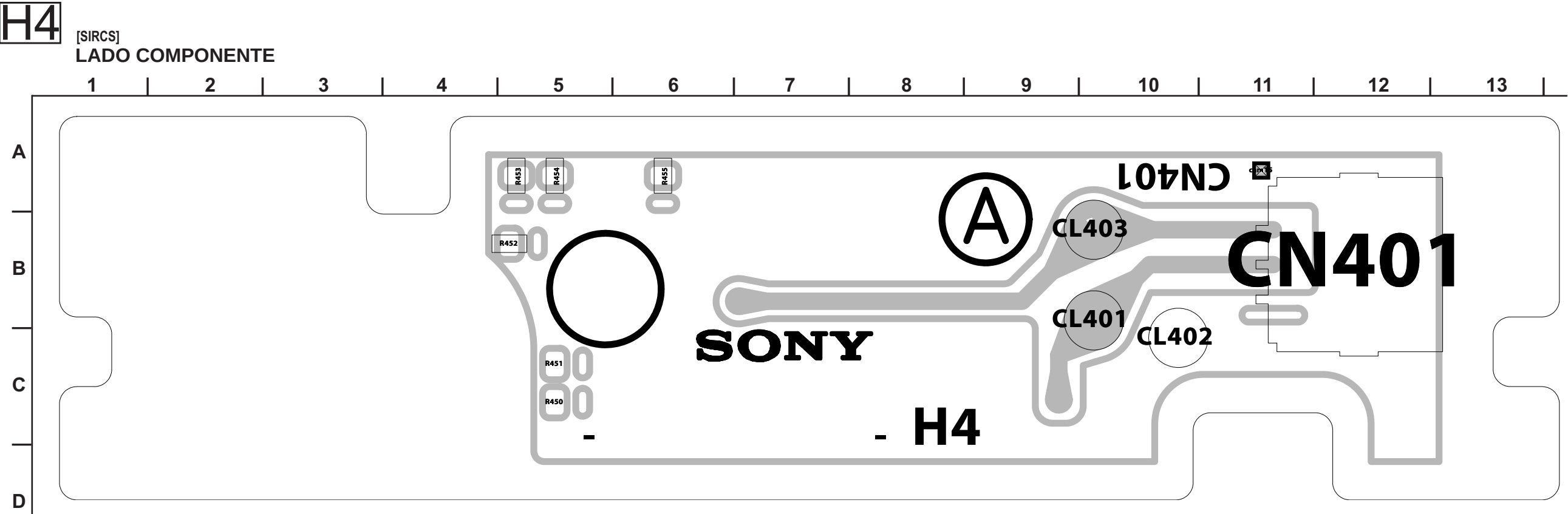
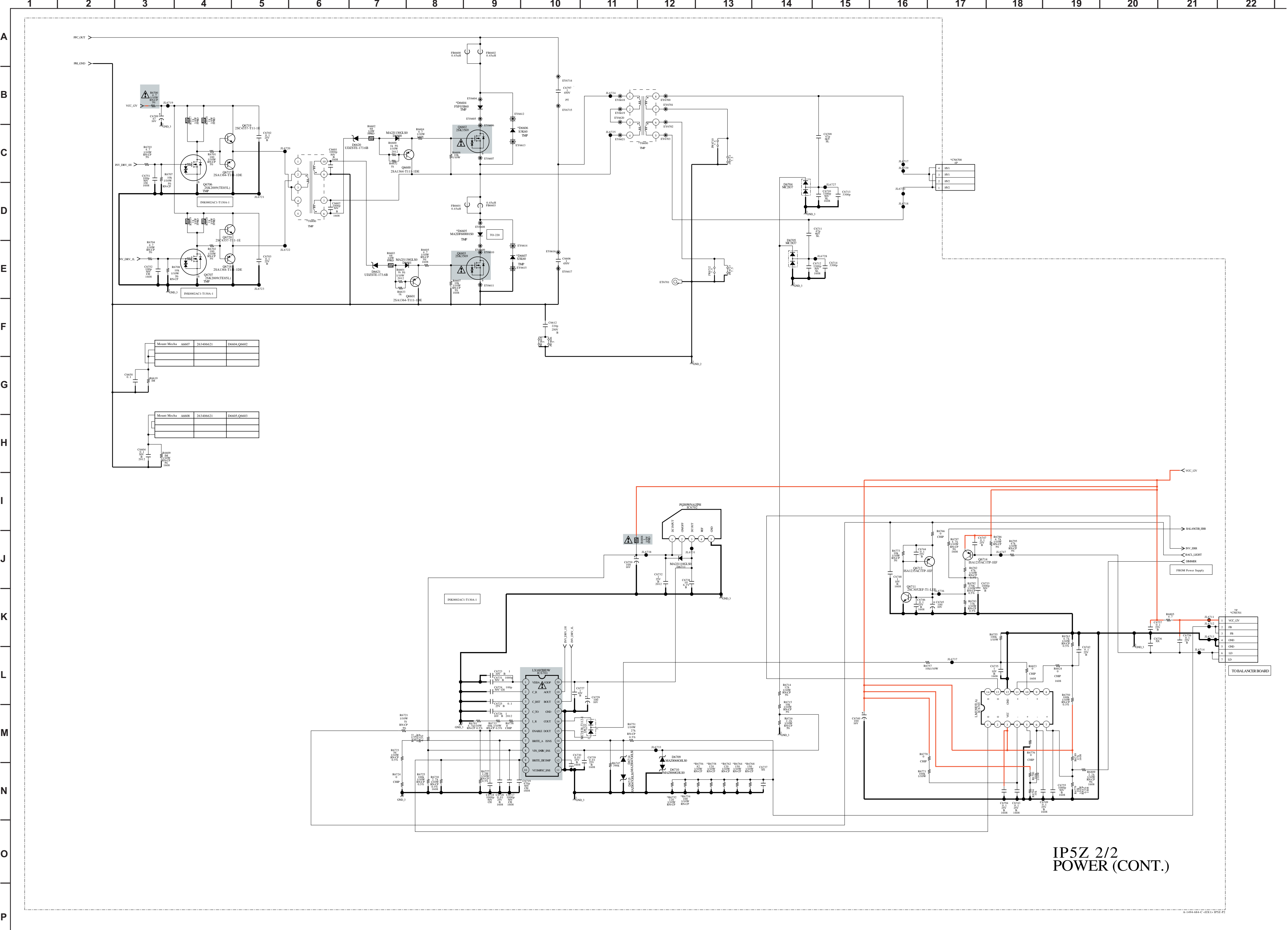
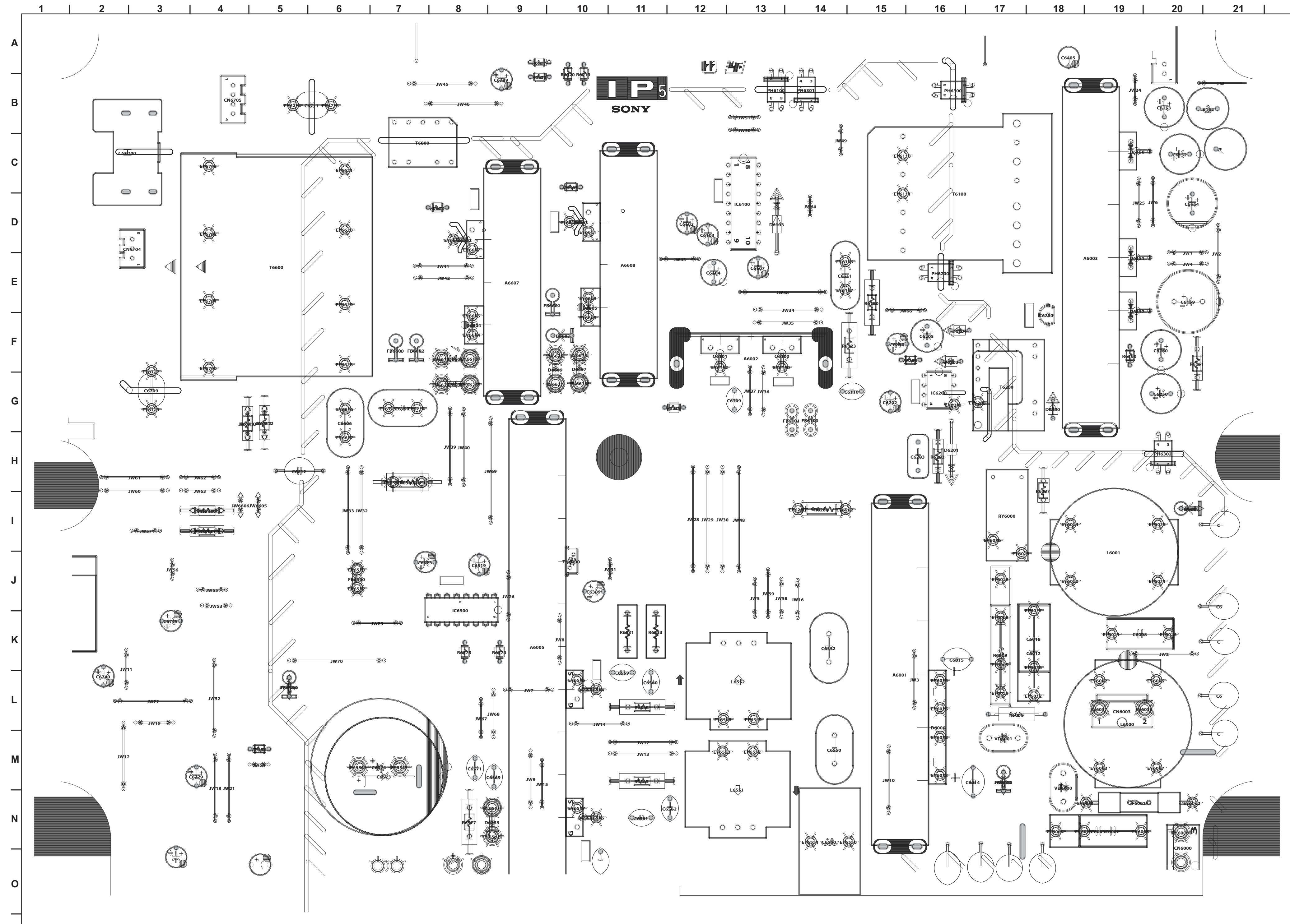




DIAGRAMA ESQUEMÁTICO DA PLACA IP5Z (2 DE 2) (KLV-40V410A/40W410A)



IP5Z 2/2
POWER (CONT.)



IP5Z

[POWER]
LADO CONDUCTOR (KLV-40V410A/40W410A)

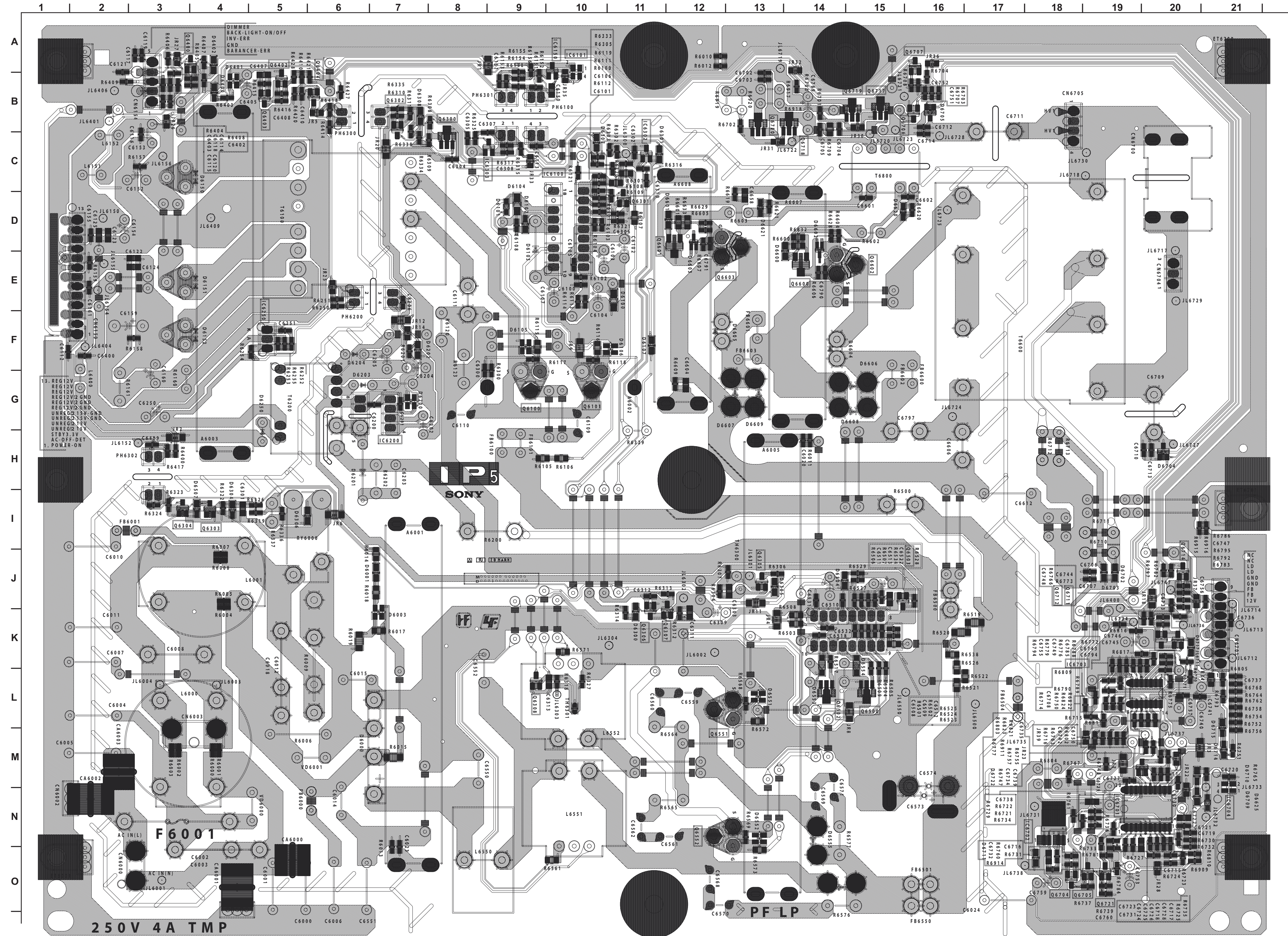
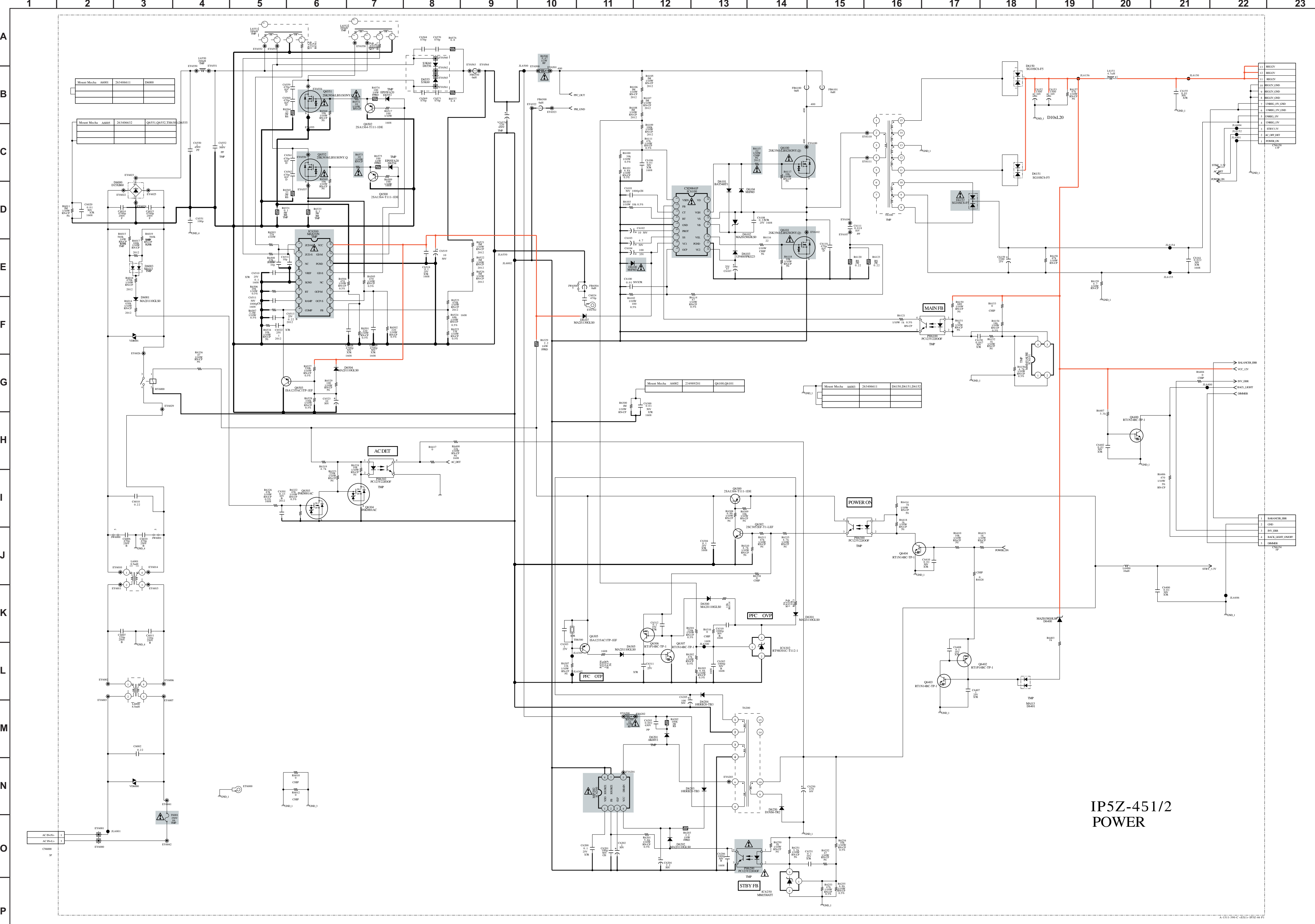
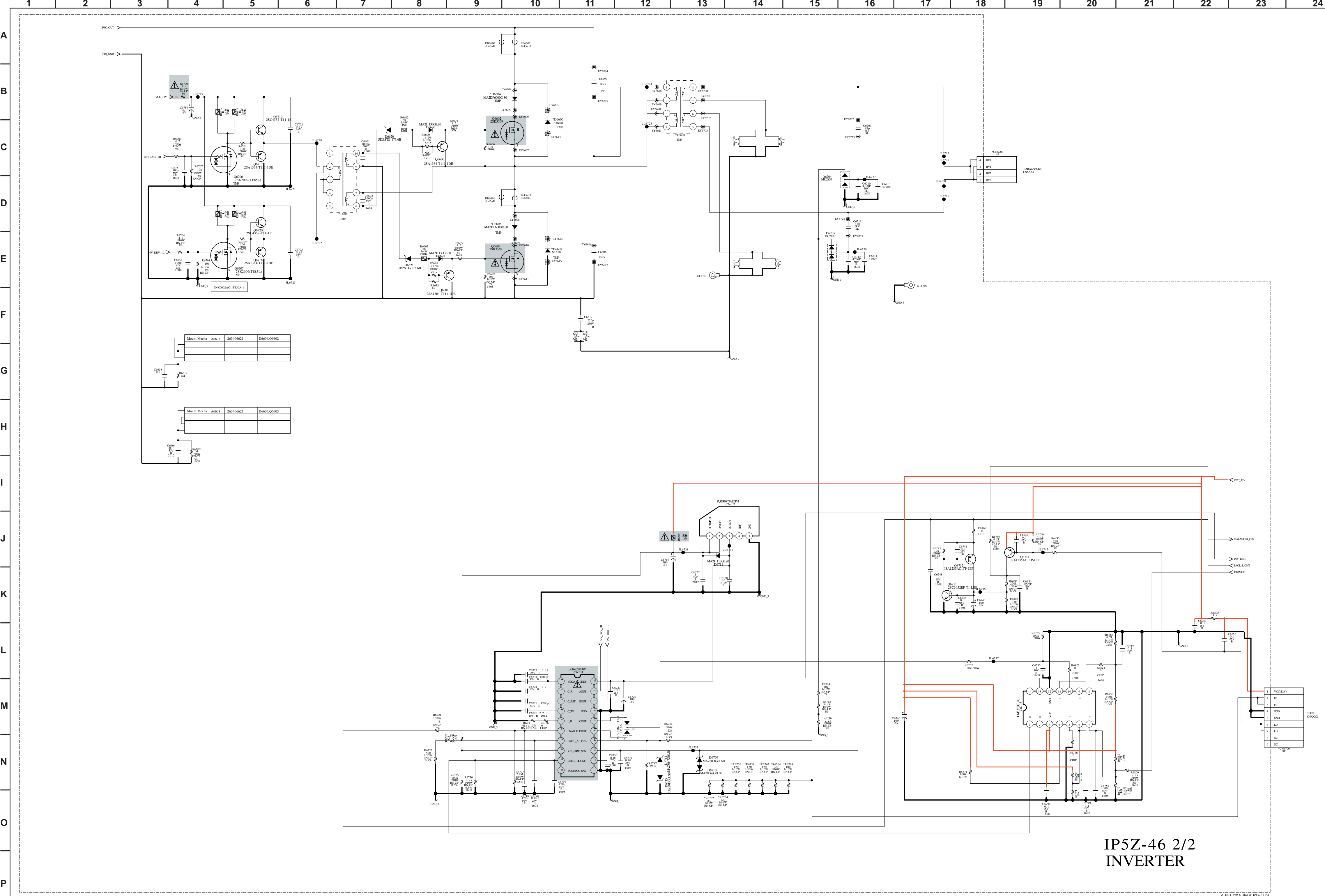


DIAGRAMA ESQUEMÁTICO DA PLACA IP5Z (1 DE 2) (KLV-46V410A/46W410A)



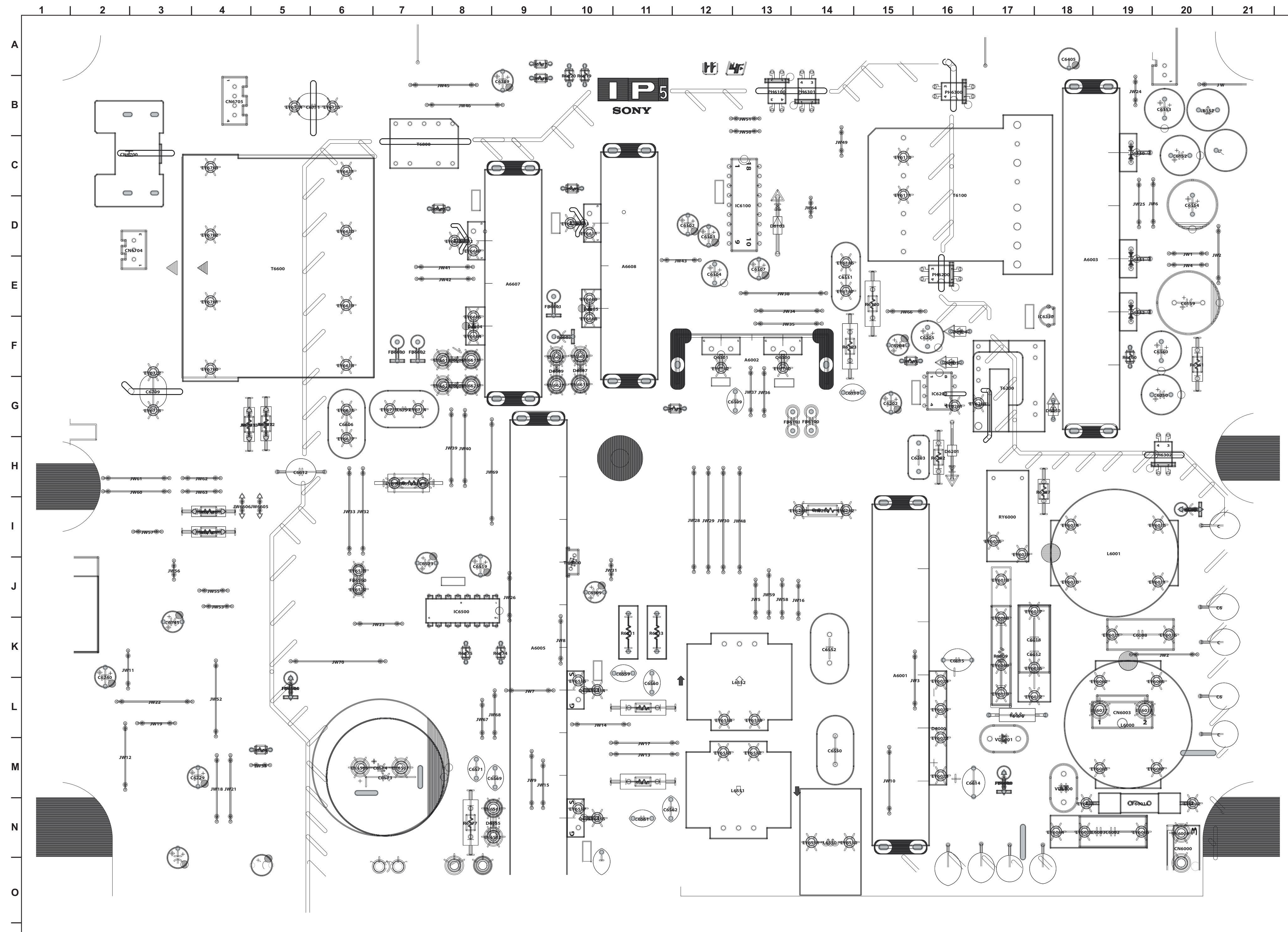
IP5Z-451/2
POWER

DIAGRAMA ESQUEMÁTICO DA PLACA IP5Z (2 DE 2) (KLV-46V410A/46W410A)



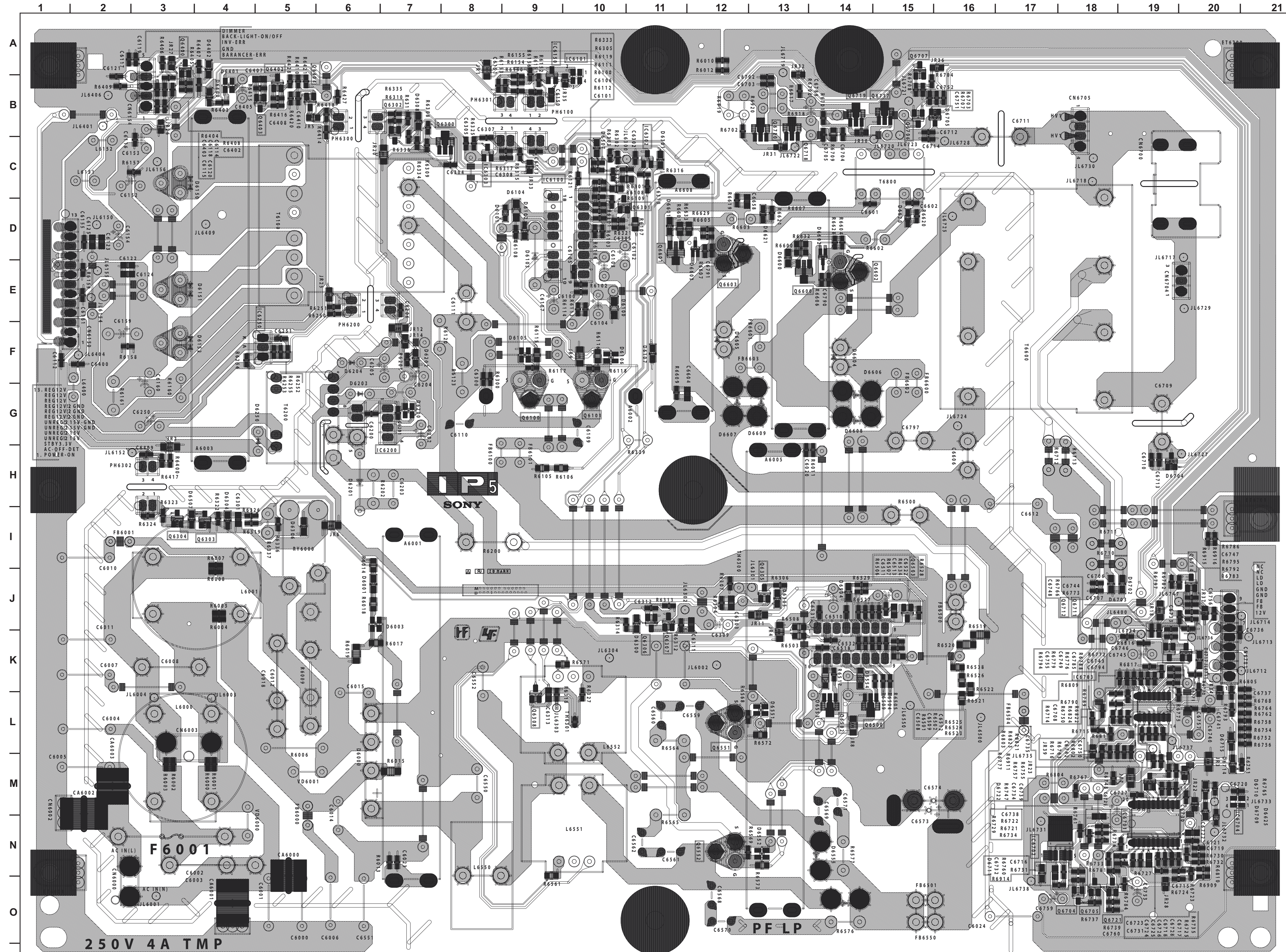
IP5Z-46 2/2
INVERTER

LADO COMPONENTE (KLV-46V410A/46W410A)



IP5Z

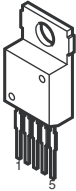
[POWER, INVERTER]
LADO CONDUTOR (KLV-46V410A/46W410A)



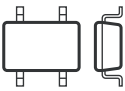
3-5. SEMICONDUCTORES

IC

BA00AST-V5

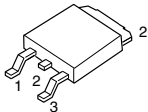


BA05FP-E2
BA09FP-E2
S-1111B33MC-NYSTFG
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

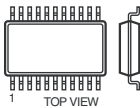


5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2

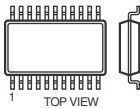


BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR



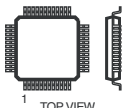
8Pin SOP

CD4052BNSR
FMS6418AM16X



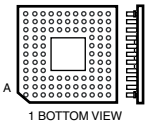
16Pin SOP

CXA2188Q-T4



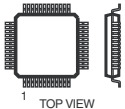
40Pin QFP

EM6A9320BI-5MG



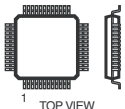
144Pin PGA

HD6433692A39FXV
HD64F3694FXV-DA4
TPA3004D2PHPR



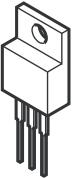
48Pin QFP

HD64F2378-12681-01

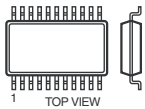


144Pin QFP

L88M05T-FA-TL



M52347FP-TE

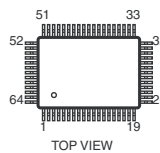


20Pin SOP

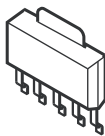
MM1431ATT



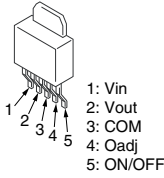
NJW1149AFH1



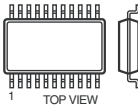
PQ1CY1032ZP



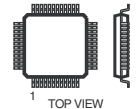
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RV5C387A-E2-FB

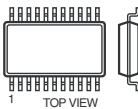


SIH9993CTG100



100Pin QFP

SN74LV132APWR
SN74LVC14APWR



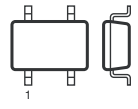
14Pin SOP

STR-A6169



8Pin DIP

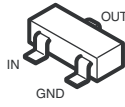
TK11819MTL



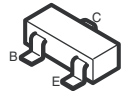
6Pin CHIP

TRANSISTOR

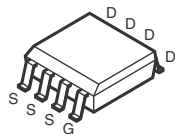
DTC114EU
DTC114EUAFT106



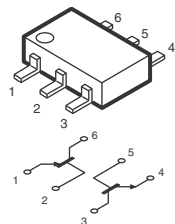
DTC114EUA-T106
DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
2SC4617R
2SC4617TL-QR
2SD2114K
2SD601A-Q-TX



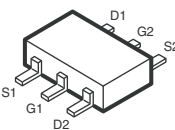
FDS6690A



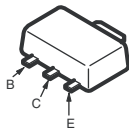
HN1B01FU-TE85R



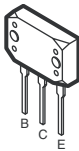
SSM6N15FU(TE85R)



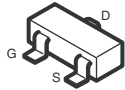
2SB1122-S
2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E



2SD2114KT146

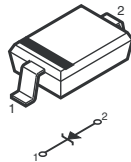


2SK2158-T2B

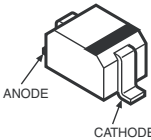


DIODE

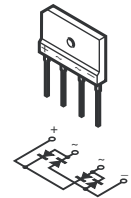
BAS316-115
EP05FA20
MM3Z10VT1
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1



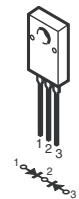
BAT54HT1
DTZ10B
HZU5.6GTRF
MA113-(TX)
MMDL914T1
RD5.6SB-T1
UDZ-TE-17-18B
UDZ-TE-17-6.2B
UDZ-TE-17-6.8B



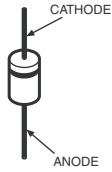
D10SBS4
D10SBS4F
D2SB60A-F04
D4SB60L



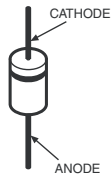
D10SC6M



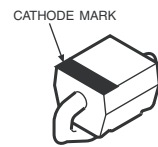
D1NL40-TA2
D1NL40-TR2
ERA22-08



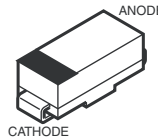
D1NS6
D1NS6-TR
ERA22-06AVRBT
UF4005PKG23
10ERB20-TB3
1N5404TU



EC10QS-04
EC10QS04-TE12L5



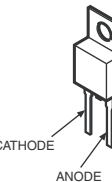
EC21QS03L-TE12L
P6SMBJ30A-5
PTZ-TE25-3.9B



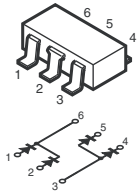
ERA22-08KFLB



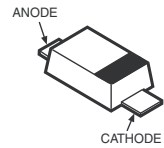
FSF05A60



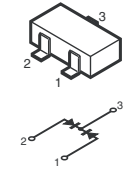
HN1D03FU-TE85L
HN1D03FU-TE85R



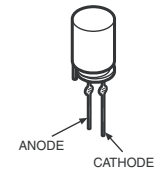
M1FM3



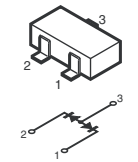
MA132WK
MA132WK-TX
MA151WK-TX
1SS184



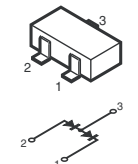
UDZSTE-1710B



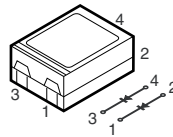
UMZ16NT106



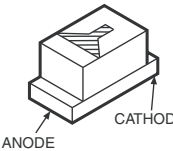
1PS302



SML-020MVT-T86



SML-310LTT86



SEÇÃO 4: VISTAS EXPLODIDAS

Componentes não identificados por seu respectivo código de peça não são mantidos em estoque por não fazerem parte da rotina de serviço.

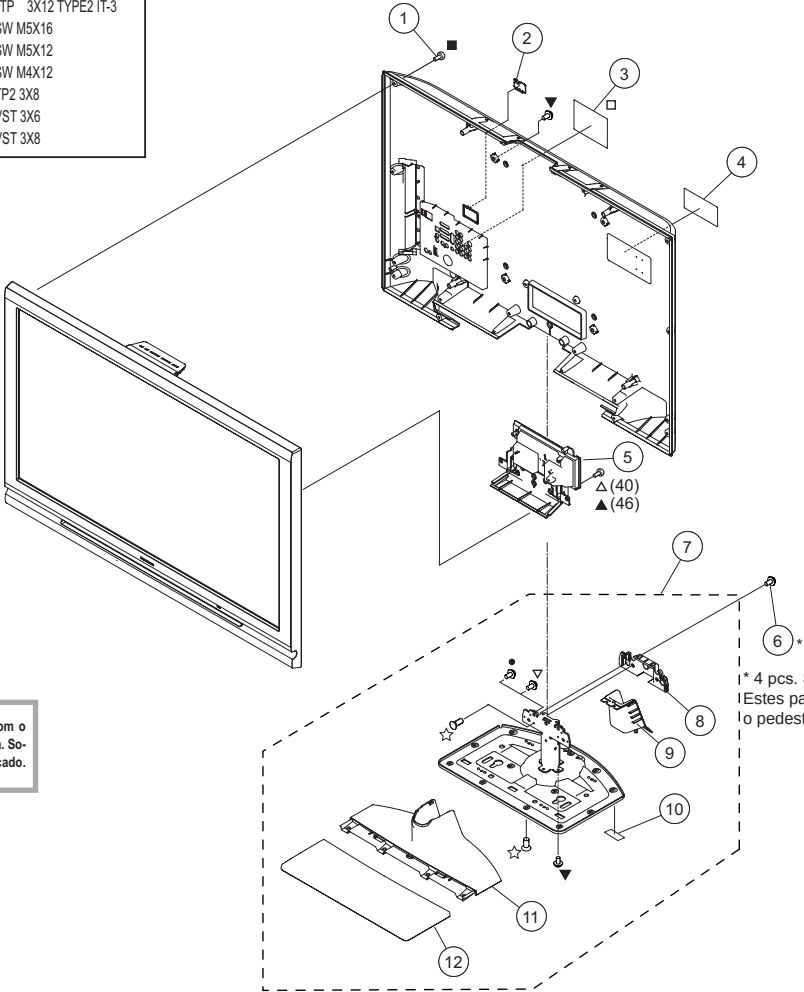
As peças que pertencem à blocos montados são indicadas por n° de referência na coluna da direita da lista de peças e dentro das linhas pontilhadas dos diagramas.

* Itens marcados com o asterisco "*" não são mantidos em estoque por serem raramente solicitados. Evite atrasos antecipando os pedidos para estes itens.

NOTA: Os componentes indicados no quadro vermelho ou com o símbolo  contêm informação confidencial. Devem ser adotadas instruções específicas quando estes componentes forem trocados ou ajustados. Veja o apêndice A "Componentes Chave Codificados" no final deste manual.

4-1. TAMPA TRASEIRA E PEDESTAL (BASE) MONTADOS

- 2-580-640-01 SCREW, +BVTP2 4X16
- 7-685-648-79 SCREW +BVTP 3X12 TYPE2 IT-3
- ▼ 2-580-608-01 SCREW, +PSW M5X16
- ▽ 2-580-607-01 SCREW, +PSW M5X12
- 2-580-602-01 SCREW, +PSW M4X12
- ☆ 2-580-644-01 SCREW, +KTP2 3X8
- △ 2-580-628-01 SCREW, +BVST 3X6
- ▲ 2-580-629-01 SCREW, +BVST 3X8



NOTA: Os componentes identificados com o símbolo  são críticos para a segurança. Somente os substitua pelo código especificado.

REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	3-452-657-01	TAMPA TRASEIRA 40EM/AM (APENAS KLV-40V410A/40W410A)		6	2-580-608-01	SCREW, +PSW M5X16 (Estes parafusos servem para fixar o pedestal (base) à TV) Por questão de segurança, a Sony recomenda que você utilize somente os parafusos fornecidos com a TV.	
1	3-452-658-01	TAMPA TRASEIRA (46) (APENAS KLV-46V410A/46W410A)		* 7	A-1539-062-A	PEDESTAL COMPLETO [8-12]	
2	3-196-465-11	TAMPA ECS		7	A-1539-103-A	PEDESTAL COMPLETO [8-12]	
3	3-298-457-31	ETIQUETA TERMINAL TRASEIRA (40V)					
4	3-452-155-01	ETIQUETA DE INFORMAÇÃO (40AM) (APENAS KLV-40V410A)		9	3-290-811-02	TAMPA USER (ML) (APENAS KLV-40V410A/40W410A)	
4	3-452-156-01	ETIQUETA DE INFORMAÇÃO (46) (APENAS KLV-46V410A)		9	3-290-831-01	TAMPA USER (L) (APENAS KLV-46V410A/46W410A)	
* 4	3-874-210-01	ETIQUETA DE INFORMAÇÃO (40W) (APENAS KLV-40W410A)		10	3-295-631-01	PÉ DO PEDESTAL (15X20)	
* 4	3-874-211-01	ETIQUETA DE INFORMAÇÃO (46W) (APENAS KLV-46W410A)		11	3-452-148-01	TAMPA TRASEIRA DO PEDESTAL (ML) (APENAS KLV-40V410A/40W410A)	
* 5	3-290-804-02	TAMPA (L2)		11	3-290-914-01	TAMPA (NECK) (APENAS KLV-46V410A/46W410A)	
				12	3-290-912-01	TAMPA DO PEDESTAL (ML-AM) (APENAS KLV-40V410A/40W410A)	
				12	3-290-915-01	TAMPA DO PEDESTAL (L) (APENAS KLV-46V410A/46W410A)	

* 4 pcs. SCREW +PSW M5x16
Estes parafusos servem para fixar o pedestal (base) ao TV.

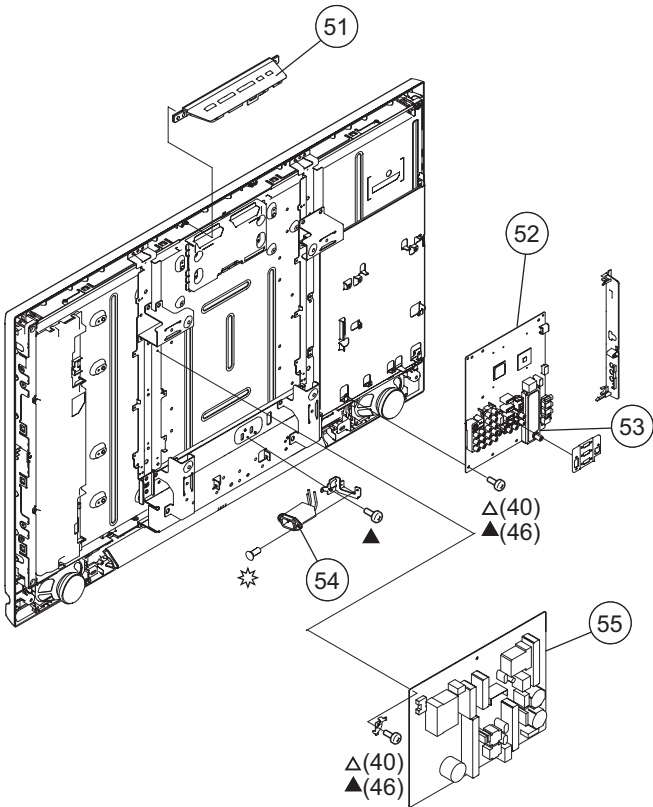
NOTA: Os componentes identificados com o símbolo  são críticos para a segurança. Somente os substitua pelo código especificado.

NOTA: Os componentes indicados no quadro vermelho ou com o símbolo  contém informação confidencial. Devem ser adotadas instruções específicas quando estes componentes forem trocados ou ajustados. Veja o apêndice A "Componentes Chave Codificados" no final deste manual.

KLV-40V410A/40W410A/46V410A/46W410A

4-2. CHASSIS

	2-580-629-01	SCREW, +BVST 3X8
	2-580-628-01	SCREW, +BVST 3X6
	2-596-649-01	+KTT 3X10 (S TYPE)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	1-480-706-11	TECLADO (CONTÉM PLACA H1)		53	8-597-661-00	SINTONIZADOR FSS BTF-CA422T	
 52		PLACA BU COMPLETA		 54	1-821-909-11	CONECTOR AC INLET	
				55		PLACA IP5Z COMPLETA (APENAS KLV-40V410A/40W410A)	
				55		PLACA IP5Z COMPLETA (APENAS KLV-46V410A/46W410A)	

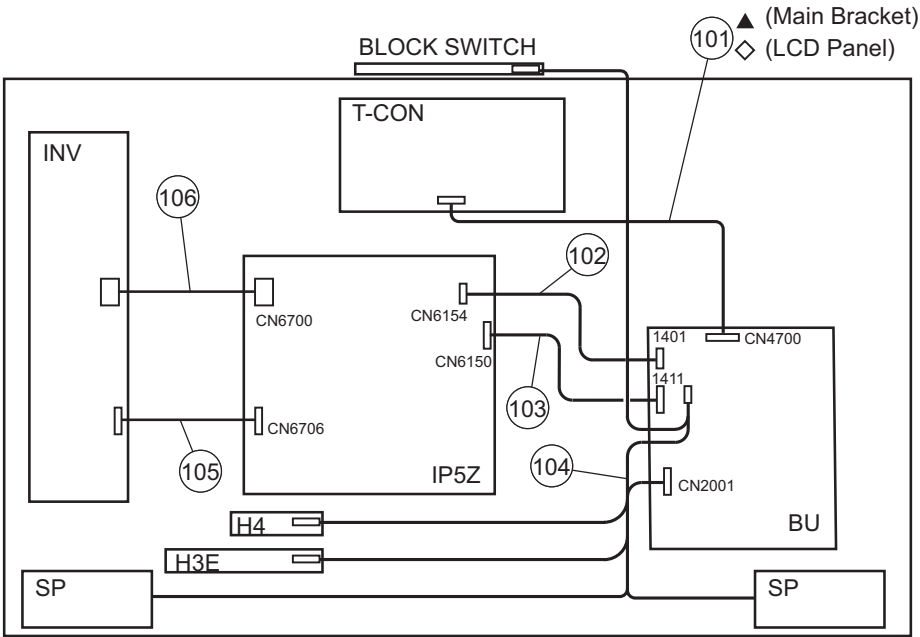
NOTA: Os componentes identificados com o símbolo ▲ são críticos para a segurança. Somente os substitua pelo código especificado.

NOTA: Os componentes indicados no quadro vermelho ou com o símbolo ⓘ contêm informação confidencial. Devem ser adotadas instruções específicas quando estes componentes forem trocados ou ajustados. Veja o apêndice A "Componentes Chave Codificados" no final deste manual.

KLV-40V410A/40W410A/46V410A/46W410A

4-3. CONECTORES (KLV-40V410A/46V410A)

▲	2-580-629-01	SCREW, +BVST 3X8
◇	2-580-591-01	SCREW, +PSW M3X5



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
101	1-835-269-11	CABO CONECTOR MONTADO (LVDS) (APENAS KLV-40V410A)		104	1-910-043-89	CABO CONECTOR MONTADO 30P (APENAS KLV-40V410A)	
101	1-835-270-11	CABO CONECTOR MONTADO (LVDS) (APENAS KLV-46V410A)		104	1-910-043-93	CABO CONECTOR MONTADO 30P (APENAS KLV-46V410A)	
102	1-910-043-88	CABO CONECTOR MONTADO 5P (APENAS KLV-40V410A)		105	1-910-043-86	CABO CONECTOR MONTADO 7P (APENAS KLV-40V410A)	
102	1-910-043-92	CABO CONECTOR MONTADO 5P (APENAS KLV-46V410A)		105	1-910-043-94	CABO CONECTOR MONTADO 9P (APENAS KLV-46V410A)	
103	1-910-043-87	CABO CONECTOR MONTADO 13P (APENAS KLV-40V410A)		* 106	1-835-147-11	CABO CONECTOR MONTADO (MDF61) (APENAS KLV-40V410A)	
103	1-910-043-91	CABO CONECTOR MONTADO 13P (APENAS KLV-46V410A)		* 106	1-835-148-11	CABO CONECTOR MONTADO (MDF61) (APENAS KLV-46V410A)	

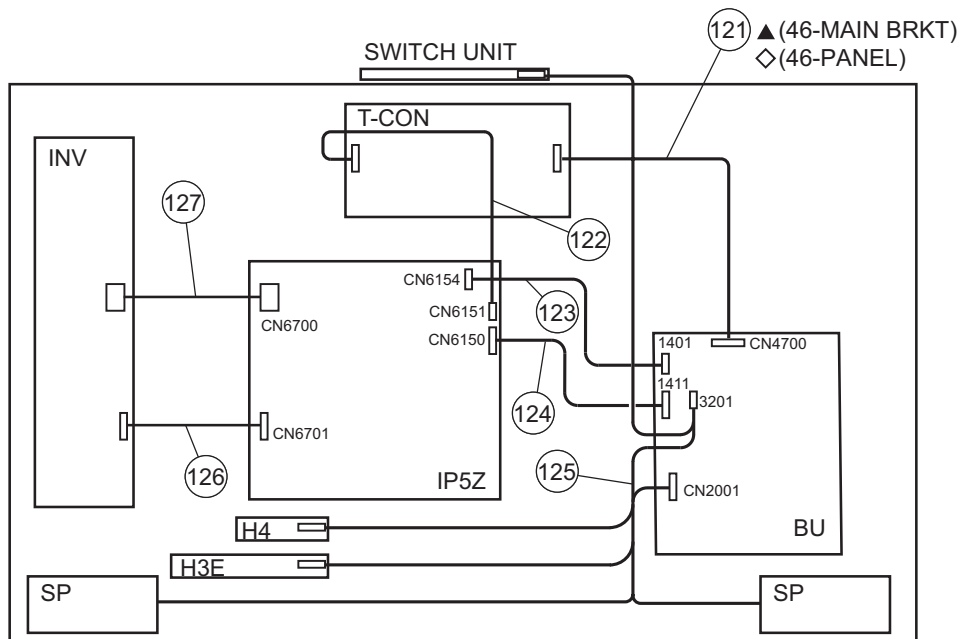
NOTA: Os componentes identificados com o símbolo ▲ são críticos para a segurança. Somente os substitua pelo código especificado.

NOTA: Os componentes indicados no quadro vermelho ou com o símbolo ⓘ contêm informação confidencial. Devem ser adotadas instruções específicas quando estes componentes forem trocados ou ajustados. Veja o apêndice A "Componentes Chave Codificados" no final deste manual.

KLV-40V410A/40W410A/46V410A/46W410A

4-4. CONECTORES (KLV-40W410A/46W410A)

▲	2-580-629-01	SCREW, +BVST 3X8
◇	2-580-591-01	SCREW, +PSW M3X5



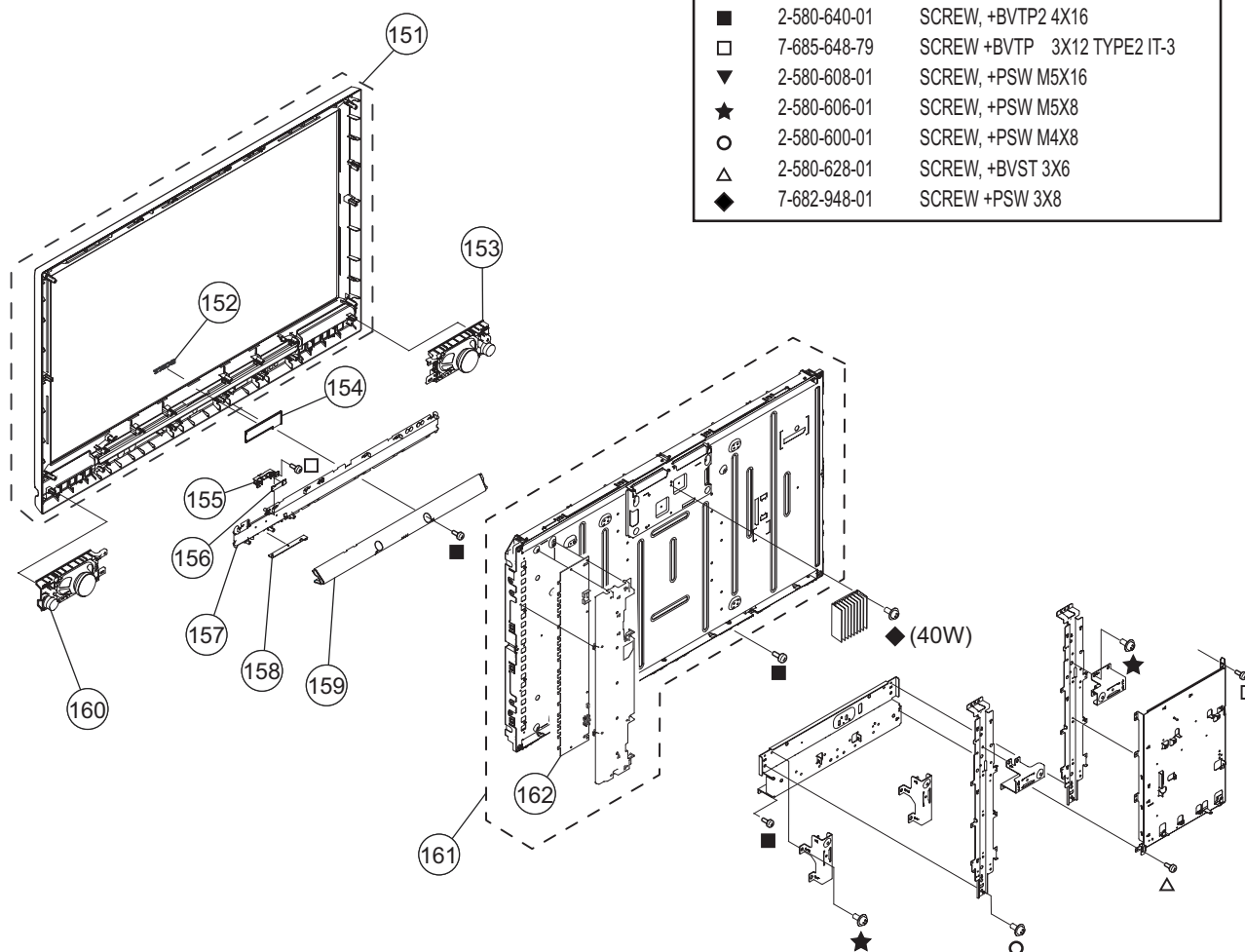
REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
121	1-835-261-11	CABO CONECTOR MONTADO (LVDS)		125	1-910-044-20	CABO CONECTOR MONTADO 30P	
		(APENAS KLV-40W410A)				(APENAS KLV-40W410A)	
121	1-835-262-11	CABO CONECTOR MONTADO (LVDS)		125	1-910-044-21	CABO CONECTOR MONTADO 30P	
		(APENAS KLV-46W410A)				(APENAS KLV-46W410A)	
122	1-910-044-14	CABO CONECTOR MONTADO 4P		126	1-910-043-86	CABO CONECTOR MONTADO 7P	
		(APENAS KLV-40W410A/46W410A)				(APENAS KLV-40W410A)	
123	1-910-043-88	CABO CONECTOR MONTADO 5P		126	1-910-043-94	CABO CONECTOR MONTADO 9P	
		(APENAS KLV-40W410A)			(APENAS KLV-46W410A)		
123	1-910-043-92	CABO CONECTOR MONTADO 5P	* 126	1-835-147-11	CONECTOR MONTADO (MDF61)		
		(APENAS KLV-46W410A)			(APENAS KLV-40W410A)		
124	1-910-043-87	CABO CONECTOR MONTADO 13P	* 126	1-835-148-11	CONECTOR MONTADO (MDF61)		
		(APENAS KLV-40W410A)			(APENAS KLV-46W410A)		
124	1-910-043-91	CABO CONECTOR MONTADO 13P					
		(APENAS KLV-46W410A)					

NOTA: Os componentes identificados com o símbolo  são críticos para a segurança. Somente os substitua pelo código especificado.

NOTA: Os componentes indicados no quadro vermelho ou com o símbolo  contém informação confidencial. Devem ser adotadas instruções específicas quando estes componentes forem trocados ou ajustados. Veja o apêndice A "Componentes Chave Codificados" no final deste manual.

KLV-40V410A/40W410A/46V410A/46W410A

4-5. GABINETE MONTADO E PAINEL LCD (KLV-40V410A/40W410A)



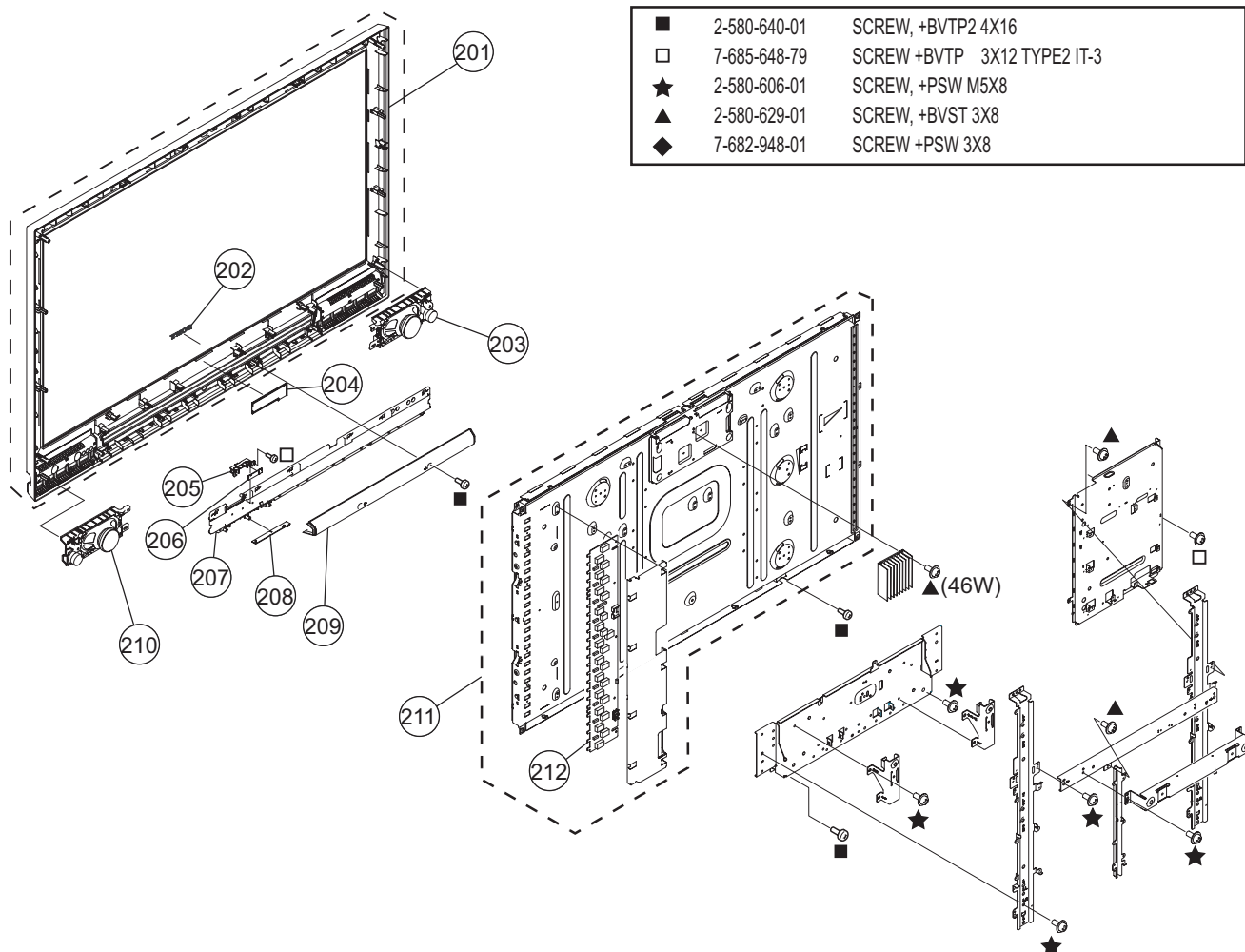
REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
151	3-876-527-01	GABINETE (40AM) MONTADO (APENAS KLV-40V410A)	[152]	158		PLACA H3E MONTADA	
151	3-290-869-11	GABINETE FRONTAL (40W) (APENAS KLV-40W410A)		159	3-290-805-01	SUPORE INFERIOR (ML)	
152	4-103-642-21	EMBLEMA SONY No. 8 (APENAS KLV-40V410A)		160	Y-8286-525-A	ALTO-FALANTE MONTADO (APENAS KLV-40V410A)	
153	Y-8286-525-A	ALTO-FALANTE MONTADO (APENAS KLV-40V410A)		160	Y-8286-527-A	ALTO-FALANTE MONTADO (APENAS KLV-40W410A)	
153	1-826-888-11	ALTO-FALANTE MONTADO (APENAS KLV-40W410A)		161	1-802-652-12	PAINEL LCD (40 FHD TFT) (APENAS KLV-40V410A)	[162]
154	1-480-680-12	ILUMINADOR DO LOGOTIPO (APENAS KLV-40W410A)		161	1-802-674-13	PAINEL LCD (40 FHD TFT) (APENAS KLV-40W410A)	[162]
155	3-290-800-01	GUIA DE LUZ		162		PLACA BALANCER (ETC-INVERTER MT) (APENAS KLV-40V410A)	
156		PLACA H4 MONTADA		162		PLACA BALANCER (ETC-INVERTER MT) (APENAS KLV-40W410A)	
157	3-290-802-01	VISOR (40)					

NOTA: Os componentes identificados com o símbolo  são críticos para a segurança. Somente os substitua pelo código especificado.

NOTA: Os componentes indicados no quadro vermelho ou com o símbolo  contém informação confidencial. Devem ser adotadas instruções específicas quando estes componentes forem trocados ou ajustados. Veja o apêndice A "Componentes Chave Codificados" no final deste manual.

KLV-40V410A/40W410A/46V410A/46W410A

4-6. GABINETE MONTADO E PAINEL LCD (KLV-46V410A/46W410A)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
201	A-1539-102-A	GABINETE MONTADO (46) (APENAS KLV-46V410A)	[202]	208		PLACA H3E MONTADA	
201	A-1543-532-A	GABINETE MONTADO (46) (APENAS KLV-46W410A)		209	3-290-824-11	TAMPA INFERIOR 46 (L)	
202	2-635-749-11	EMBLEMA SONY No. 9 (APENAS KLV-46V410A)		* 210	Y-8286-526-A	ALTO FALANTE MONTADO (46V)	
203	Y-8286-526-A	ALTO-FALANTE MONTADO (APENAS KLV-46V410A)		210	Y-8286-528-A	ALTO FALANTE MONTADO (46W)	
203	Y-8286-528-A	ALTO-FALANTE MONTADO (APENAS KLV-46W410A)		211	1-802-650-14	PAINEL LCD (46 FHD TFT) (APENAS KLV-46V410A)	[212]
204	1-480-680-11	ILUMINADOR DO LOGOTIPO (APENAS KLV-40W410A)		211	1-802-673-13	PAINEL LCD (46 FHD TFT) (APENAS KLV-46W410A)	[212]
205	3-290-800-01	GUIA DE LUZ		212		PLACA BALANCER (ETC-INVERTER MT)	
206		PLACA H4 MONTADA					
207	3-290-821-01	VISOR (46)					

4-7. LEGENDA DOS PARAFUSOS

KLV-40V410A/40W410A

	P/N	DISCRIPTION	LOCATION	TOTAL
■	2-580-640-01	SCREW, +BVTP2 4X16	REAR COVER-19 UNDER BAR-2 LCD-PNL-2 BOTTOM FRAME-4	27
□	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	TERMINAL-1 MIAN BRKT-1 LIGHT GUIDE-1 (BEZEL-2 40V410A ONLY)	3 (5)
▼	2-580-608-01	SCREW, +PSW M5X16	REAR COVER-6 STAND PLATE-4 TABLE-TOP STAND TO TV-4	14
▽	2-580-607-01	SCREW, +PSW M5X12	STAND NECK-5	5
●	2-580-602-01	SCREW, +PSW M4X12	STAND NECK-2	2
☆	2-580-644-01	SCREW, +KTP2 3X8	STAND PLATE-14 EDGE COVER-2	16
★	2-580-606-01	SCREW, +PSW M5X8	VESA-8	8
○	2-580-600-01	SCREW, +PSW M4X8	SPINE-6	6
▲	2-580-629-01	SCREW, +BVST 3X8	(none)	0
△	2-580-628-01	SCREW, +BVST 3X6	IP5Z-6 AC BRKT-1 LVDS-2 MAIN BRKT-4 BU-9 UNDER COVER-1	23
✱	2-580-626-01	SCREW, SP 4-40 UNC	BU SHLD-2	2
⊙	2-596-649-01	+KTT 3X10 (S TYPE)	AC INLET-2	2
◆	7-682-948-01	SCREW, +PSW 3X8	PNL HEAT SINK-3 (40W410A ONLY)	3
◇	2-580-591-01	SCREW, +PSW M3X5	(none)	0
★	7-685-103-19	SCREW +P 2X5 TYPE2 NON-SLIT	H1-5	5

KLV-46V410A/46W410A

	P/N	DISCRIPTION	LOCATION	TOTAL
■	2-580-640-01	SCREW, +BVTP2 4X16	REAR COVER-21 UNDER BAR-2 LCD-PNL-2 BOTTOM FRAME-4	29
□	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	TERMINAL-1 MIAN BRKT-1 LIGHT GUIDE-1 (BEZEL-4 46V410A ONLY)	3 (7)
▼	2-580-608-01	SCREW, +PSW M5X16	REAR COVER-6 STAND PLATE-4 TABLE-TOP STAND TO TV-4	14
▽	2-580-607-01	SCREW, +PSW M5X12	STAND NECK-5	5
●	2-580-602-01	SCREW, +PSW M4X12	STAND NECK-2	2
☆	2-580-644-01	SCREW, +KTP2 3X8	STAND PLATE-14 EDGE COVER-2	16
★	2-580-606-01	SCREW, +PSW M5X8	SPINE-10 CENTER FRAME-2 VESA TOP-2 VESA BOTTOM-4 BOTTOM FRAME TO PNL-1	19
○	2-580-600-01	SCREW, +PSW M4X8	EARTH LEAD-1-(46V410A ONLY)	1
▲	2-580-629-01	SCREW, +BVST 3X8	IP5Z-6 AC BRKT-1 LVDS-1 MAIN BRKT-3 BU-9 UNDER COVER-1 G SUPPORT-2	23
△	2-580-628-01	SCREW, +BVST 3X6	(none)	0
✱	2-580-626-01	SCREW, SP 4-40 UNC	BU SHLD-2	2
⊙	2-596-649-01	+KTT 3X10 (S TYPE)	AC INLET-2	2
◆	7-682-948-01	SCREW, +PSW 3X8	PNL HEAT SINK-3 (46W410A ONLY)	3
◇	2-580-591-01	SCREW, +PSW M3X5	LVDS-1	1
★	7-685-103-19	SCREW +P 2X5 TYPE2 NON-SLIT	H1-5	5

SEÇÃO 5: LISTA DE PEÇAS ELÉTRICAS

BU

NOTA: Os componentes identificados com o símbolo  são críticos para a segurança. Somente os substitua pelo código especificado.

* Itens marcados com o asterisco "*" não são mantidos em estoque por serem raramente solicitados. Evite atrasos antecipando os pedidos para estes itens.

NOTA: Os componentes indicados no quadro vermelho ou com o símbolo  contêm informação confidencial. Devem ser adotadas instruções específicas quando estes componentes forem trocados ou ajustados. Veja o apêndice A "Componentes Chave Codificados" no final deste manual.

RESISTORES

- Todos os resistores estão em ohms.
- F : anti-chama.
- Todos os resistores variáveis e ajustáveis têm a característica curva B, a menos que diferentemente especificados.

Ao solicitar peças pelo código, por favor mencione também o nome da placa.

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
BU						C1305	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
						C1306	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
						C1307	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
						C1308	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
						C1309	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
						C1310	1-100-766-21	ELECT CHIP	47µF	20%	16V
						C1401	1-114-353-11	CAP, CERAMIC	0.01MF	X7R (1410)	
						C1403	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
					C1405	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V	
					C1411	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	
					C1420	1-100-912-11	CERAMIC CHIP	1µF	10%	25V	
					C1421	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	
					C2001	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	
					C2003	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V	
					C2004	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V	
					C2006	1-114-354-11	CAP, CERAMIC	0.1MF	X7R (1410)		
					C2008	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	
					C2009	1-135-366-11	ELECT CHIP	100µF	20%	16V	
					C2010	1-114-354-11	CAP, CERAMIC	0.1MF	X7R (1410)		
					C2011	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V	
					C2013	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	
					C2015	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V	
					C2016	1-135-366-11	ELECT CHIP	100µF	20%	16V	
					C2018	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	
					C2019	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	
					C2021	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	
					C2022	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	
					C2023	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	
					C2024	1-114-354-11	CAP, CERAMIC	0.1MF	X7R (1410)		
					C2025	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V	
					C2026	1-112-781-11	CERAMIC CHIP	1µF	10%	10V	
					C2027	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	

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	CAPACITOR				
C1001	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C1002	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1003	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1004	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1005	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1052	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1053	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1101	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1102	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1103	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1104	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1204	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C1210	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1211	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1212	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C1213	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1214	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1215	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C1223	1-218-953-11	RES-CHIP	1K	5%	1/16W
C1301	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C1302	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C1303	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C1304	1-100-912-11	CERAMIC CHIP	1µF	10%	25V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2028	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C2077	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2029	1-114-354-11	CAP, CERAMIC	0.1MF	X7R (1410)		C2078	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C2030	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C2080	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V
C2031	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2081	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V
C2032	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C2082	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V
C2033	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2083	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V
C2034	1-135-366-11	ELECT CHIP	100μF	20%	16V	C2084	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2035	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2085	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2036	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C2088	1-114-193-11	ELECT CHIP	470μF	20%	25V
C2037	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2089	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2038	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2090	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2039	1-114-354-11	CAP, CERAMIC	0.1MF	X7R (1410)		C2091	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2040	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2092	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2041	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2093	1-114-193-11	ELECT CHIP	470μF	20%	25V
C2042	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V	C2096	1-165-818-91	CERAMIC CHIP	0.68μF	10%	25V
C2043	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V	C2097	1-165-818-91	CERAMIC CHIP	0.68μF	10%	25V
C2044	1-114-410-21	CERAMIC CHIP	680pF	2%	50V	C2098	1-165-818-91	CERAMIC CHIP	0.68μF	10%	25V
C2046	1-114-410-21	CERAMIC CHIP	680pF	2%	50V	C2099	1-165-818-91	CERAMIC CHIP	0.68μF	10%	25V
C2047	1-114-410-21	CERAMIC CHIP	680pF	2%	50V	C2100	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C2048	1-114-410-21	CERAMIC CHIP	680pF	2%	50V	C2101	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C2049	1-114-214-81	CERAMIC CHIP	470pF	5%	50V	C2125	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2050	1-114-214-81	CERAMIC CHIP	470pF	5%	50V	C2126	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C2051	1-114-214-81	CERAMIC CHIP	470pF	5%	50V	C2127	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C2052	1-114-214-81	CERAMIC CHIP	470pF	5%	50V	C2128	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2053	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C2129	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2054	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C3001	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2055	1-112-065-11	CERAMIC CHIP	4.7μF	10%	16V	C3002	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2056	1-112-065-11	CERAMIC CHIP	4.7μF	10%	16V	C3003	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2057	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C3004	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C2059	1-114-214-81	CERAMIC CHIP	470pF	5%	50V	C3006	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2060	1-114-214-81	CERAMIC CHIP	470pF	5%	50V	C3008	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2061	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C3009	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2062	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C3012	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C2063	1-114-214-81	CERAMIC CHIP	470pF	5%	50V	C3013	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C2064	1-114-214-81	CERAMIC CHIP	470pF	5%	50V	C3014	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2065	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C3015	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2066	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C3016	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2067	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C3021	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2068	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C3022	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2069	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C3023	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2070	1-114-193-11	ELECT CHIP	470μF	20%	25V	C3024	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2071	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C3025	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2072	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C3026	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2073	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C3027	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2076	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C3030	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3031	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4728	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C3032	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4734	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3033	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4739	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C3202	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4740	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3203	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4741	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3205	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C4744	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C3207	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4746	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3209	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4748	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3213	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4749	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3214	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4750	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3403	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4751	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3502	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4752	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3503	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4753	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3506	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4754	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V
C3509	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4756	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3512	1-162-912-11	CERAMIC CHIP	7pF	0.50pF	50V	C4758	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3514	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4760	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3515	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4762	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3531	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4764	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3541	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4765	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4700	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4766	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4701	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V	C4767	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4702	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4769	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4703	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4776	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4704	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4777	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4705	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4780	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V
C4706	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4784	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V
C4707	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4785	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V
C4708	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V	C4786	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V
C4709	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4787	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V
C4710	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4788	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V
C4711	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4900	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4712	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4901	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4713	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4902	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4714	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4903	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4715	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4904	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C4716	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4905	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4717	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4906	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C4719	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C4907	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4720	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4908	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4721	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4909	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4722	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4910	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4723	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4911	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4724	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4912	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4725	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V	C4913	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4914	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5266	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4915	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5267	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4916	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C5302	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4917	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5303	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C4918	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V	C5308	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4919	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C5309	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4920	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5313	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4921	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5319	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4922	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C5321	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4923	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5325	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4925	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7028	1-112-065-11	CERAMIC CHIP	4.7μF	10%	16V
C4926	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7030	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4928	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7037	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4929	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7038	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4930	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7042	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C4931	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7043	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C4932	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7045	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C4933	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7046	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C4934	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7047	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C4935	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7048	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4936	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7049	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4937	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7050	1-164-878-11	CERAMIC CHIP	150pF	5%	50V
C4938	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7051	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C4939	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7052	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V
C4940	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7053	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C4941	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7054	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4942	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7055	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4943	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7056	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V
C4944	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7057	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V
C4945	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7058	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V
C4948	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V	C7059	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C5002	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7060	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5005	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7061	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5006	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7062	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V
C5008	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7063	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V
C5009	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7064	1-164-938-11	CERAMIC CHIP	0.0015μF	10%	50V
C5101	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7065	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5102	1-114-353-11	CAP, CERAMIC	0.01MF	X7R (1410)		C7066	1-100-904-11	CERAMIC CHIP	330pF	10%	50V
C5131	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7067	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C5132	1-114-353-11	CAP, CERAMIC	0.01MF	X7R (1410)		C7068	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C5162	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7069	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C5192	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7070	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C5211	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7071	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C5264	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7072	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C5265	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C7073	1-112-781-11	CERAMIC CHIP	1μF	10%	10V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7074	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7136	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7075	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7137	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7076	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7138	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V
C7077	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7139	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7078	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7140	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7079	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7141	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7080	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7142	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V
C7081	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7143	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V
C7082	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7144	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7083	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7145	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7084	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C7146	1-100-904-11	CERAMIC CHIP	330pF	10%	50V
C7085	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C7147	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7086	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7148	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C7087	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7149	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C7092	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7150	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7093	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7151	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7094	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7152	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C7095	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7153	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C7096	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7154	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7097	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C7155	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7098	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C7158	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7099	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7159	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7100	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7160	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7101	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C7161	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7102	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C7162	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7103	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7163	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7104	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7164	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7105	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7165	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7106	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7166	1-100-767-21	ELECT CHIP	220μF	20%	16V
C7107	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7167	1-100-767-21	ELECT CHIP	220μF	20%	16V
C7108	1-100-767-21	ELECT CHIP	220μF	20%	16V	C7168	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7109	1-100-767-21	ELECT CHIP	220μF	20%	16V	C7174	1-100-767-21	ELECT CHIP	220μF	20%	16V
C7110	1-100-767-21	ELECT CHIP	220μF	20%	16V	C7175	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C7112	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7176	1-114-183-11	ELECT CHIP	1000μF	20%	6.3V
C7114	1-100-767-21	ELECT CHIP	220μF	20%	16V	C7177	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7115	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7179	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7116	1-100-767-21	ELECT CHIP	220μF	20%	16V	C7180	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7117	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C7182	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7118	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7183	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7120	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7184	1-100-767-21	ELECT CHIP	220μF	20%	16V
C7121	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7200	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7130	1-135-366-11	ELECT CHIP	100μF	20%	16V	C7201	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7131	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7202	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7132	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7203	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7135	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7204	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7205	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7250	1-112-786-11	ELECT CHIP	330μF	20%	4V
C7206	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7251	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7207	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7252	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7208	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7253	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7209	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7254	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7210	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7255	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7211	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7256	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7212	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7257	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7213	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7258	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V
C7214	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7259	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7215	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7260	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7216	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7261	1-164-850-11	CERAMIC CHIP	10pF	0.50pF	50V
C7217	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7262	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7218	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7264	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7219	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7265	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7220	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7266	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7221	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7268	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7222	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7269	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7223	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7271	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C7224	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7273	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7225	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7275	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7226	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7279	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7227	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7283	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7228	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7284	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7229	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7285	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7230	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7289	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7231	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7290	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7232	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7291	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7233	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7292	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7234	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7293	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7235	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7296	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7236	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7298	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7237	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7299	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7238	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7300	1-135-366-11	ELECT CHIP	100μF	20%	16V
C7239	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7301	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C7240	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7303	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7241	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7305	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7242	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7307	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7243	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7309	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7244	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7310	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7245	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7311	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7246	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7312	1-100-767-21	ELECT CHIP	220μF	20%	16V
C7247	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7313	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7248	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7314	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V
C7249	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7316	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7317	1-112-786-11	ELECT CHIP	330μF	20%	4V	C7601	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7400	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7602	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7401	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7603	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7402	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7605	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7403	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7607	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7404	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7609	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7405	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7611	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7406	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7615	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7407	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7619	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7408	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7626	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7409	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7627	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7410	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7628	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7411	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7630	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7412	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7631	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7413	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7632	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7414	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7633	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7415	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7635	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7416	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7636	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7417	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V	C7638	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7418	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V	C7647	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7419	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7648	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7420	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7649	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C7421	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7655	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7422	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7658	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V
C7423	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7661	1-100-766-21	ELECT CHIP	47μF	20%	16V
C7425	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7662	1-112-775-11	CERAMIC CHIP	0.0022μF	10%	50V
C7504	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7665	1-112-776-11	CERAMIC CHIP	0.0047μF	10%	50V
C7505	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7667	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7506	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7668	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7513	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C7671	1-100-766-21	ELECT CHIP	47μF	20%	16V
C7514	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7675	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7515	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7676	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7516	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7677	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7517	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7678	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7518	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7679	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C7519	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C7680	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7520	1-135-366-11	ELECT CHIP	100μF	20%	16V	C7681	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7521	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7688	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7525	1-135-366-11	ELECT CHIP	100μF	20%	16V	C7689	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7530	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C7697	1-112-001-81	CERAMIC CHIP	270pF	5%	50V
C7535	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7698	1-135-366-11	ELECT CHIP	100μF	20%	16V
C7539	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7699	1-112-001-81	CERAMIC CHIP	270pF	5%	50V
C7560	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C7700	1-100-766-21	ELECT CHIP	47μF	20%	16V
C7566	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7703	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7600	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7704	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C7705	1-114-183-11	ELECT CHIP	1000µF 20% 6.3V	 D2003	6-501-732-01	DIODE	MAZ8056G0LS0
C7707	1-112-777-11	CERAMIC CHIP	0.01µF 10% 25V	D2005	6-501-732-01	DIODE	MAZ8056G0LS0
C7709	1-112-777-11	CERAMIC CHIP	0.01µF 10% 25V	D4701	8-719-071-34	DIODE	RB521S-30-TE61
C7710	1-100-769-21	ELECT CHIP	470µF 20% 16V	D5003	6-502-318-01	DIODE	MA4J1130GLS0
C7712	1-112-777-11	CERAMIC CHIP	0.01µF 10% 25V	D5101	6-502-318-01	DIODE	MA4J1130GLS0
C7713	1-114-332-11	CERAMIC CHIP	22µF 10% 6.3V	D5131	6-502-318-01	DIODE	MA4J1130GLS0
C7714	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V	D5161	6-502-318-01	DIODE	MA4J1130GLS0
C7716	1-100-905-11	CERAMIC CHIP	0.001µF 10% 50V	D5191	6-502-318-01	DIODE	MA4J1130GLS0
C7717	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V	* D5291	6-502-150-01	DIODE	MA2SD320G8S0
C7718	1-100-769-21	ELECT CHIP	470µF 20% 16V	D5292	6-501-817-01	DIODE	MA2J1110GLS0
C7719	1-112-777-11	CERAMIC CHIP	0.01µF 10% 25V	D5293	6-502-318-01	DIODE	MA4J1130GLS0
C7721	1-164-862-11	CERAMIC CHIP	33pF 5% 50V	D5294	6-502-318-01	DIODE	MA4J1130GLS0
C7722	1-112-777-11	CERAMIC CHIP	0.01µF 10% 25V	D7017	6-501-717-01	DIODE	MAZ8039G0LS0
C7726	1-164-866-11	CERAMIC CHIP	47pF 5% 50V	D7018	6-501-817-01	DIODE	MA2J1110GLS0
C7727	1-164-866-11	CERAMIC CHIP	47pF 5% 50V	D7101	6-501-740-01	DIODE	MAZ8068G0LS0
C7728	1-112-777-11	CERAMIC CHIP	0.01µF 10% 25V	D7132	6-501-657-01	DIODE	MA24D5000BS0
C7802	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V	D7500	8-719-053-07	DIODE	SML-310MTT86
C7803	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V	* D7600	6-502-150-01	DIODE	MA2SD320G8S0
C7804	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V	FUSE			
C7850	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V	 F1422	1-576-933-21	FUSE	5A 24V
C7851	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V	 F2000	1-576-913-11	FUSE	1.6A 36V
C7852	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V	 F2001	1-576-933-21	FUSE	5A 24V
C7853	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V	 F7003	1-576-933-21	FUSE	5A 24V
C7854	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V	 F7005	1-576-913-11	FUSE	1.6A 36V
C7855	1-112-781-11	CERAMIC CHIP	1µF 10% 10V				
C7860	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V	 F7006	1-576-913-11	FUSE	1.6A 36V
C7861	1-112-781-11	CERAMIC CHIP	1µF 10% 10V	FERRITE BEAD			
CONNECTOR				FB1301	1-400-180-21	FERRITE	0µH
* CN1401	1-819-475-11	HEADER ASSEMBLY FOR PWB		FB1401	1-500-922-11	FERRITE	0µH
CN1411	1-819-797-11	HEADER ASSEMBLY FOR PWB		FB1402	1-500-922-11	FERRITE	0µH
* CN2001	1-819-461-11	HEADER ASSEMBLY FOR PWB		FB1403	1-400-180-21	FERRITE	0µH
CN3001	1-779-331-51	CONNECTOR, FFC/FPC	14P	FB2000	1-400-089-21	FERRITE	0µH
* CN3201	1-820-235-11	HEADER ASSEMBLY	30P	FB2001	1-400-089-21	FERRITE	0µH
CN3251	1-779-936-51	CONNECTOR, FFC/FPC	18P	FB2002	1-400-089-21	FERRITE	0µH
CN7507	1-819-866-11	CONNECTOR, USB (A)		FB2003	1-400-089-21	FERRITE	0µH
CN7850	1-816-113-21	CONNECTOR	15P	FB3001	1-400-180-21	FERRITE	0µH
DIODE				 FB3201	1-500-922-11	FERRITE	0µH
D1410	6-501-717-01	DIODE	MAZ8039G0LS0	 FB3202	1-500-922-11	FERRITE	0µH
D1421	6-501-774-01	DIODE	MAZ8150G0LS0	FB3203	1-500-922-11	FERRITE	0µH
 D2000	6-501-732-01	DIODE	MAZ8056G0LS0	 FB3204	1-500-922-11	FERRITE	0µH
 D2001	6-501-732-01	DIODE	MAZ8056G0LS0	FB4703	1-400-180-21	FERRITE	0µH
 D2002	6-501-732-01	DIODE	MAZ8056G0LS0	FB4706	1-400-180-21	FERRITE	0µH

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
FB4707	1-400-180-21	FERRITE	0μH	FL5192	1-456-844-11	INDUCTOR	0μH
FB4708	1-400-180-21	FERRITE	0μH	FL5261	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FB4710	1-469-669-21	FERRITE	0μH	FL5262	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FB4900	1-400-180-21	FERRITE	0μH	FL5263	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
 FB4901	1-400-462-21	FERRITE	0μH	FL5264	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FB4902	1-400-180-21	FERRITE	0μH	FL7200	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FB4903	1-400-462-21	FERRITE	0μH	FL7201	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FB5001	1-216-864-11	SHORT CHIP		FL7202	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FB5002	1-216-864-11	SHORT CHIP		FL7500	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FB5003	1-216-864-11	SHORT CHIP		FL7600	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FB5004	1-400-180-21	FERRITE	0μH	FL7601	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FB7007	1-469-669-21	FERRITE	0μH	IC			
 FB7201	1-400-180-21	FERRITE	0μH	IC2000	6-706-489-01	IC	TC7SH32FU(T5RSOYJF)
 FB7203	1-400-180-21	FERRITE	0μH	 IC2005	6-710-904-01	IC	TPA3100D2PHPR
 FB7205	1-400-180-21	FERRITE	0μH	IC3001	6-708-219-01	IC	MB91305PMC-G-BNDE1
 FB7207	1-400-180-21	FERRITE	0μH	IC3002	6-703-175-01	IC	PST3629UL
FB7400	1-400-180-21	FERRITE	0μH	IC3003	6-710-121-01	IC	M24256-BWMN6TP(A)
FB7401	1-400-180-21	FERRITE	0μH	IC3004	6-708-050-01	IC	S29AL016D70TFI010
FB7510	1-400-089-21	FERRITE	0μH	IC3201	6-712-419-01	IC	74AHC132PW-118
FB7511	1-400-089-21	FERRITE	0μH	IC3501	6-709-512-01	IC	S-1132B18-M5T1G
FB7512	1-400-179-21	FERRITE	0μH	IC3502	6-711-999-01	IC	MM3286EFBE
FB7513	1-400-179-21	FERRITE	0μH	IC3503	6-709-517-01	IC	S-35390A-J8T1G
FB7611	1-400-834-11	FERRITE	0μH	IC4701	8-759-592-44	IC	TC7S204FU(TE85R)
FB7612	1-500-922-11	FERRITE	0μH	IC4704	6-706-482-01	IC	TC7SH00FU(T5RSOYJF)
FB7613	1-400-834-11	FERRITE	0μH	IC4900	6-711-262-01	IC	HYB18TC256160BF-3S
FB7614	1-400-834-11	FERRITE	0μH	IC4901	6-711-262-01	IC	HYB18TC256160BF-3S
 FB7850	1-400-834-11	FERRITE	0μH	IC5000	6-710-820-01	IC	S-24CS02AFJ-TB-G
FB7860	1-400-834-11	FERRITE	0μH	IC5001	6-708-132-01	IC	74LVC14APW
FILTER				IC5101	6-710-820-01	IC	S-24CS02AFJ-TB-G
FL3001	1-234-939-21	FILTER, EMI REMOVAL (SMD)		IC5131	6-710-820-01	IC	S-24CS02AFJ-TB-G
FL4700	1-234-939-21	FILTER, EMI REMOVAL (SMD)		IC5161	6-710-820-01	IC	S-24CS02AFJ-TB-G
FL4701	1-234-939-21	FILTER, EMI REMOVAL (SMD)		IC5191	6-710-820-01	IC	S-24CS02AFJ-TB-G
FL4702	1-234-939-21	FILTER, EMI REMOVAL (SMD)		IC5200	6-712-678-01	IC	AD8197B-ASTZ
FL4703	1-234-939-21	FILTER, EMI REMOVAL (SMD)		IC5211	6-708-758-01	IC	PCA9517DP.118
FL4705	1-234-939-21	FILTER, EMI REMOVAL (SMD)		IC5251	8-759-564-91	IC	74LVC08APW
FL4706	1-234-939-21	FILTER, EMI REMOVAL (SMD)		IC7000	6-713-003-01	IC	215-0684004-00
FL4707	1-234-939-21	FILTER, EMI REMOVAL (SMD)		IC7005	6-703-708-01	IC	LM2903DT
FL5101	1-456-844-11	INDUCTOR	0μH	 IC7006	6-709-075-01	IC	TPS5124DBTRG4
FL5102	1-456-844-11	INDUCTOR	0μH	 IC7007	6-709-075-01	IC	TPS5124DBTRG4
FL5131	1-456-844-11	INDUCTOR	0μH	IC7130	6-703-175-01	IC	PST3629UL
FL5132	1-456-844-11	INDUCTOR	0μH	 IC7131	6-709-075-01	IC	TPS5124DBTRG4
FL5161	1-456-844-11	INDUCTOR	0μH	IC7132	6-704-407-01	IC	PQ1C241H2ZPH
FL5162	1-456-844-11	INDUCTOR	0μH				
FL5191	1-456-844-11	INDUCTOR	0μH				

NOTA: Os componentes identificados com o símbolo  são críticos para a segurança. Somente os substitua pelo código especificado.



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
IC7200	6-703-175-01	IC	PST3629UL	TRANSISTOR			
IC7400	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)	Q1401	6-551-551-01	TRANSISTOR	RT3N77M-TP-1
IC7403	6-702-688-01	IC	M24C64-WMN6T(B)	Q1423	6-550-369-01	TRANSISTOR	TPC8109(TE12L)
IC7405	6-808-090-01	IC	M25P40-VMN6TPSO	Q1424	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
IC7500	6-710-840-01	IC	AK5358AET-E2	Q2000	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
 IC7501	6-711-288-01	IC	MIC2005-0.5YM6TR	Q2004	6-551-943-01	TRANSISTOR	RT3XBBM-T111-1
IC7600	8-759-338-95	IC	NJM2903V(TE2)	Q2007	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
IC7860	6-712-502-01	IC	74ALVC574PW-118	Q3004	6-551-321-01	TRANSISTOR	RT3WLMM-TP-1F
JACK				Q3007	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
J1051	1-821-115-11	PHONO JACK	(RIGHT ANGLE)	Q3201	6-551-939-01	TRANSISTOR	RT3TAAM-TP-1
J1101	1-821-881-11	PHONO JACK	10P	Q3251	6-551-824-01	TRANSISTOR	UNR51A5G0LS0
J1201	1-821-844-11	OPTICAL OUT CONNECTOR		Q3252	6-551-551-01	TRANSISTOR	RT3N77M-TP-1
J1203	1-821-826-11	JACK (SMALL TYPE)		Q3415	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
J5000	1-821-013-11	D SUB CONNECTOR		Q5101	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
COIL				Q5163	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
L2001	1-400-179-21	FERRITE	0μH	Q5265	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
L2002	1-469-555-21	INDUCTOR	10μH	Q7012	6-709-438-01	TRANSISTOR	FDS6986AS
L2004	1-457-429-11	INDUCTOR	22μH	 Q7013	6-709-438-01	TRANSISTOR	FDS6986AS
L2005	1-457-429-11	INDUCTOR	22μH	 Q7014	6-709-438-01	TRANSISTOR	FDS6986AS
L2006	1-457-429-11	INDUCTOR	22μH	 Q7015	6-709-438-01	TRANSISTOR	FDS6986AS
L2007	1-457-429-11	INDUCTOR	22μH	Q7101	6-551-776-01	TRANSISTOR	2SC5950G0LS0
L7002	1-400-325-11	INDUCTOR	5.6μH	Q7130	6-551-776-01	TRANSISTOR	2SC5950G0LS0
L7003	1-424-922-21	INDUCTOR	10μH	Q7131	6-551-776-01	TRANSISTOR	2SC5950G0LS0
L7004	1-400-281-11	INDUCTOR	10μH	Q7132	6-709-438-01	TRANSISTOR	FDS6986AS
L7005	1-400-325-11	INDUCTOR	5.6μH	Q7133	6-551-580-01	TRANSISTOR	FDQ7238AS
L7006	1-416-740-11	INDUCTOR	10μH	Q7600	6-551-776-01	TRANSISTOR	2SC5950G0LS0
L7130	1-400-281-11	INDUCTOR	10μH	Q7601	6-551-775-01	TRANSISTOR	2SA2122G0LS0
L7131	1-400-193-11	INDUCTOR	3.3μH	Q7602	6-551-776-01	TRANSISTOR	2SC5950G0LS0
L7132	1-481-081-11	INDUCTOR	47μH	Q7604	6-551-775-01	TRANSISTOR	2SA2122G0LS0
L7500	1-456-984-11	INDUCTOR	0μH	Q7605	6-551-775-01	TRANSISTOR	2SA2122G0LS0
L7610	1-469-555-21	INDUCTOR	10μH	RESISTOR			
L7611	1-412-972-31	INDUCTOR	0.27μH	R1004	1-211-990-11	METAL CHIP	75 0.50% 1/10W
L7612	1-412-972-31	INDUCTOR	0.27μH	R1005	1-218-989-11	RES-CHIP	1M 5% 1/16W
L7613	1-469-555-21	INDUCTOR	10μH	R1006	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
L7614	1-469-555-21	INDUCTOR	10μH	R1007	1-218-989-11	RES-CHIP	1M 5% 1/16W
 L7617	1-469-555-21	INDUCTOR	10μH	R1008	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
L7620	1-469-555-21	INDUCTOR	10μH	R1009	1-218-989-11	RES-CHIP	1M 5% 1/16W
L7622	1-469-555-21	INDUCTOR	10μH	R1010	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
IC LINK				R1011	1-218-989-11	RES-CHIP	1M 5% 1/16W
PS5000	1-576-646-11	FUSE	0.5A 50V	R1012	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
				R1021	1-211-990-11	METAL CHIP	75 0.50% 1/10W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1023	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R1315	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R1025	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R1316	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R1051	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1317	1-218-941-81	RES-CHIP	100	5%	1/16W
R1052	1-218-941-81	RES-CHIP	100	5%	1/16W	R1410	1-218-990-81	SHORT CHIP			
R1053	1-218-989-11	RES-CHIP	1M	5%	1/16W	R1411	1-218-990-81	SHORT CHIP			
R1054	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R1412	1-216-864-11	SHORT CHIP			
R1055	1-218-989-11	RES-CHIP	1M	5%	1/16W	R1413	1-216-295-91	SHORT CHIP			
R1056	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R1415	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1057	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R1416	1-218-941-81	RES-CHIP	100	5%	1/16W
R1101	1-218-989-11	RES-CHIP	1M	5%	1/16W	R1418	1-208-947-11	METAL CHIP	330K	0.50%	1/16W
R1102	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R1420	1-218-983-11	RES-CHIP	330K	5%	1/16W
R1103	1-218-989-11	RES-CHIP	1M	5%	1/16W	R1421	1-218-971-11	RES-CHIP	33K	5%	1/16W
R1104	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2006	1-218-990-81	SHORT CHIP			
R1105	1-218-989-11	RES-CHIP	1M	5%	1/16W	R2008	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1106	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2009	1-218-990-81	SHORT CHIP			
R1107	1-218-989-11	RES-CHIP	1M	5%	1/16W	R2022	1-218-945-11	RES-CHIP	220	5%	1/16W
R1108	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2023	1-218-945-11	RES-CHIP	220	5%	1/16W
R1111	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R2024	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1113	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R2025	1-218-990-81	SHORT CHIP			
R1115	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R2032	1-220-199-81	RES-CHIP	24K	5%	1/16W
R1117	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R2035	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1119	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R2044	1-218-977-11	RES-CHIP	100K	5%	1/16W
R1121	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R2065	1-218-990-81	SHORT CHIP			
R1201	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2066	1-218-990-81	SHORT CHIP			
R1202	1-218-981-91	RES-CHIP	220K	5%	1/16W	R2093	1-218-941-11	RES-CHIP	100	5%	1/16W
R1203	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2102	1-218-990-81	SHORT CHIP			
R1204	1-218-981-91	RES-CHIP	220K	5%	1/16W	R2103	1-218-990-81	SHORT CHIP			
R1205	1-218-989-11	RES-CHIP	1M	5%	1/16W	R2109	1-218-990-81	SHORT CHIP			
R1206	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2110	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1207	1-218-989-11	RES-CHIP	1M	5%	1/16W	R2113	1-218-990-81	SHORT CHIP			
R1208	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2115	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1211	1-218-989-11	RES-CHIP	1M	5%	1/16W	R3002	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R1212	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3005	1-218-990-81	SHORT CHIP			
R1214	1-218-989-11	RES-CHIP	1M	5%	1/16W	R3010	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1215	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R3011	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R1301	1-218-941-81	RES-CHIP	100	5%	1/16W	R3012	1-218-941-81	RES-CHIP	100	5%	1/16W
R1302	1-218-941-81	RES-CHIP	100	5%	1/16W	R3013	1-218-945-11	RES-CHIP	220	5%	1/16W
R1303	1-218-941-81	RES-CHIP	100	5%	1/16W	R3014	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1304	1-218-941-81	RES-CHIP	100	5%	1/16W	R3016	1-218-973-11	RES-CHIP	47K	5%	1/16W
R1305	1-218-941-81	RES-CHIP	100	5%	1/16W	R3018	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1306	1-218-941-81	RES-CHIP	100	5%	1/16W	R3020	1-218-941-81	RES-CHIP	100	5%	1/16W
R1307	1-218-941-81	RES-CHIP	100	5%	1/16W	R3021	1-208-886-81	METAL CHIP	910	0.50%	1/16W
R1308	1-218-941-81	RES-CHIP	100	5%	1/16W	R3022	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1313	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3023	1-218-990-81	SHORT CHIP			
R1314	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3025	1-218-949-11	RES-CHIP	470	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3027	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R4902	1-218-933-11	RES-CHIP	22	5%	1/16W
R3035	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4903	1-218-929-11	RES-CHIP	10	5%	1/16W
R3036	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4904	1-218-929-11	RES-CHIP	10	5%	1/16W
R3038	1-218-990-81	SHORT CHIP				R4905	1-218-933-11	RES-CHIP	22	5%	1/16W
R3205	1-218-941-81	RES-CHIP	100	5%	1/16W	R4906	1-218-947-11	RES-CHIP	330	5%	1/16W
R3210	1-218-945-11	RES-CHIP	220	5%	1/16W	R4907	1-218-947-11	RES-CHIP	330	5%	1/16W
R3252	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R4908	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R3260	1-216-864-11	SHORT CHIP				R4909	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R3401	1-208-931-11	METAL CHIP	68K	0.50%	1/16W	R4910	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R3402	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R4911	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R3403	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R5000	1-216-864-11	SHORT CHIP			
R3411	1-218-977-11	RES-CHIP	100K	5%	1/16W	R5001	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R3420	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5003	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R3505	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5005	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R3506	1-218-990-81	SHORT CHIP				R5016	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4701	1-218-937-11	RES-CHIP	47	5%	1/16W	R5019	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4702	1-218-937-11	RES-CHIP	47	5%	1/16W	R5029	1-218-933-11	RES-CHIP	22	5%	1/16W
R4703	1-218-937-11	RES-CHIP	47	5%	1/16W	R5030	1-218-933-11	RES-CHIP	22	5%	1/16W
R4704	1-218-937-11	RES-CHIP	47	5%	1/16W	R5101	1-218-929-11	RES-CHIP	10	5%	1/16W
R4705	1-218-937-11	RES-CHIP	47	5%	1/16W	R5102	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4706	1-218-937-11	RES-CHIP	47	5%	1/16W	R5104	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4707	1-218-989-11	RES-CHIP	1M	5%	1/16W	R5107	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4709	1-216-864-11	SHORT CHIP				R5108	1-218-941-81	RES-CHIP	100	5%	1/16W
R4710	1-218-990-81	SHORT CHIP				R5131	1-218-929-11	RES-CHIP	10	5%	1/16W
R4713	1-216-864-11	SHORT CHIP				R5132	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4714	1-218-937-11	RES-CHIP	47	5%	1/16W	R5133	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4716	1-216-864-11	SHORT CHIP				R5137	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4717	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5172	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4718	1-216-864-11	SHORT CHIP				R5176	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4720	1-218-990-81	SHORT CHIP				R5177	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4726	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R5178	1-218-929-11	RES-CHIP	10	5%	1/16W
R4727	1-400-177-21	FERRITE	0μH			R5202	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4729	1-218-937-11	RES-CHIP	47	5%	1/16W	R5206	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4730	1-218-937-11	RES-CHIP	47	5%	1/16W	R5207	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4731	1-218-937-11	RES-CHIP	47	5%	1/16W	R5208	1-218-929-11	RES-CHIP	10	5%	1/16W
R4732	1-216-864-11	SHORT CHIP				R5300	1-218-970-11	RES-CHIP	27K	5%	1/16W
R4733	1-400-177-21	FERRITE	0μH			R5302	1-218-945-11	RES-CHIP	220	5%	1/16W
R4738	1-216-864-11	SHORT CHIP				R5306	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4747	1-218-933-11	RES-CHIP	22	5%	1/16W	R5307	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4748	1-218-933-11	RES-CHIP	22	5%	1/16W	R5308	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4749	1-218-933-11	RES-CHIP	22	5%	1/16W	R5309	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4750	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5315	1-218-990-81	SHORT CHIP			
R4818	1-218-990-81	SHORT CHIP				R5316	1-218-990-81	SHORT CHIP			
R4900	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R5317	1-218-990-81	SHORT CHIP			
R4901	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R5318	1-218-990-81	SHORT CHIP			



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5320	1-218-990-81	SHORT CHIP				R7102	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R5321	1-218-990-81	SHORT CHIP				R7103	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R5322	1-218-990-81	SHORT CHIP				R7104	1-218-990-81	SHORT CHIP			
R5323	1-218-990-81	SHORT CHIP				R7105	1-218-990-81	SHORT CHIP			
R7052	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7106	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7053	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7107	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7060	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7108	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7061	1-216-818-11	METAL CHIP	560	5%	1/10W	R7109	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7062	1-208-936-11	METAL CHIP	110K	0.50%	1/16W	R7114	1-218-949-11	RES-CHIP	470	5%	1/16W
R7063	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7118	1-216-864-11	SHORT CHIP			
R7064	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7130	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7065	1-208-955-11	METAL CHIP	680K	0.50%	1/16W	R7131	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7069	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7132	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7070	1-208-721-11	METAL CHIP	39K	0.50%	1/16W	R7133	1-218-990-81	SHORT CHIP			
R7071	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R7134	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7072	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R7136	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7073	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7138	1-218-937-11	RES-CHIP	47	5%	1/16W
R7074	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R7140	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7075	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R7141	1-208-939-11	METAL CHIP	150K	0.50%	1/16W
R7076	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R7142	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7077	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R7143	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7078	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R7144	1-218-978-11	RES-CHIP	120K	5%	1/16W
R7079	1-208-947-11	METAL CHIP	330K	0.50%	1/16W	R7145	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7080	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R7146	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7081	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R7147	1-218-941-81	RES-CHIP	100	5%	1/16W
R7082	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7148	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7083	1-218-941-81	RES-CHIP	100	5%	1/16W	R7149	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7084	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7150	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7085	1-218-941-81	RES-CHIP	100	5%	1/16W	R7151	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7086	1-218-941-81	RES-CHIP	100	5%	1/16W	R7152	1-218-937-11	RES-CHIP	47	5%	1/16W
R7087	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7153	1-218-937-11	RES-CHIP	47	5%	1/16W
R7088	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R7154	1-218-990-81	SHORT CHIP			
R7089	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R7155	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R7090	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7156	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R7091	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7157	1-218-990-81	SHORT CHIP			
R7092	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7158	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7093	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7159	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7094	1-218-937-11	RES-CHIP	47	5%	1/16W	R7167	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7095	1-218-937-11	RES-CHIP	47	5%	1/16W	R7171	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R7096	1-218-937-11	RES-CHIP	47	5%	1/16W	R7172	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7097	1-218-937-11	RES-CHIP	47	5%	1/16W	R7173	1-216-864-11	SHORT CHIP			
R7098	1-218-990-81	SHORT CHIP				R7174	1-218-990-81	SHORT CHIP			
R7099	1-218-990-81	SHORT CHIP				R7175	1-218-990-81	SHORT CHIP			
R7100	1-208-709-11	METAL CHIP	12K	0.50%	1/16W	R7176	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7101	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7200	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7204	1-218-941-81	RES-CHIP	100	5%	1/16W	R7616	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7205	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R7617	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7206	1-218-990-81	SHORT CHIP				R7618	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7207	1-218-933-11	RES-CHIP	22	5%	1/16W	R7623	1-218-941-81	RES-CHIP	100	5%	1/16W
R7208	1-218-990-81	SHORT CHIP				R7624	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7212	1-218-990-81	SHORT CHIP				R7627	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7261	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R7628	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7400	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7630	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7401	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7631	1-218-941-81	RES-CHIP	100	5%	1/16W
R7402	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7637	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7403	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7638	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7404	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R7651	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7405	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7653	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7406	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7654	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7407	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7655	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7411	1-218-938-11	RES-CHIP	56	5%	1/16W	R7662	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7412	1-218-938-11	RES-CHIP	56	5%	1/16W	R7662	1-208-713-11	METAL CHIP	18K	0.50%	1/16W
R7413	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7663	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7443	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7666	1-218-978-11	RES-CHIP	120K	5%	1/16W
R7505	1-218-941-81	RES-CHIP	100	5%	1/16W	R7669	1-218-990-81	SHORT CHIP			
R7515	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7670	1-218-941-81	RES-CHIP	100	5%	1/16W
R7521	1-218-941-81	RES-CHIP	100	5%	1/16W	R7673	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7523	1-218-941-81	RES-CHIP	100	5%	1/16W	R7677	1-218-941-81	RES-CHIP	100	5%	1/16W
R7527	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7681	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7529	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7682	1-218-945-11	RES-CHIP	220	5%	1/16W
R7533	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7683	1-218-941-81	RES-CHIP	100	5%	1/16W
R7535	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7807	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7536	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7851	1-218-933-11	RES-CHIP	22	5%	1/16W
R7539	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7852	1-218-933-11	RES-CHIP	22	5%	1/16W
R7541	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7853	1-218-933-11	RES-CHIP	22	5%	1/16W
R7543	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7854	1-218-933-11	RES-CHIP	22	5%	1/16W
R7544	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7855	1-218-933-11	RES-CHIP	22	5%	1/16W
R7547	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R7856	1-218-933-11	RES-CHIP	22	5%	1/16W
R7550	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R7857	1-218-933-11	RES-CHIP	22	5%	1/16W
R7552	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R7858	1-218-973-11	RES-CHIP	47K	5%	1/16W
R7555	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R7859	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7567	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7860	1-218-933-11	RES-CHIP	22	5%	1/16W
R7600	1-218-949-11	RES-CHIP	470	5%	1/16W	RESISTOR BRIDGE					
R7604	1-218-953-11	RES-CHIP	1K	5%	1/16W	RB1302	1-239-674-81	RESISTOR, NETWORK 100			
R7606	1-218-941-81	RES-CHIP	100	5%	1/16W	RB1303	1-239-674-81	RESISTOR, NETWORK 100			
R7607	1-218-941-81	RES-CHIP	100	5%	1/16W	RB1304	1-239-674-81	RESISTOR, NETWORK 100			
R7609	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	RB1305	1-239-698-11	RESISTOR, NETWORK 10K			
R7610	1-218-989-11	RES-CHIP	1M	5%	1/16W	RB1306	1-239-698-11	RESISTOR, NETWORK 10K			
R7613	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W						
R7615	1-218-958-11	RES-CHIP	2.7K	5%	1/16W						



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
RB1307	1-239-698-11	RESISTOR, NETWORK 10K		RB4711	1-239-674-81	RESISTOR, NETWORK 100	
RB1401	1-234-378-21	RES, NETWORK 10K	(1005X4)	RB4716	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB2001	1-234-378-21	RES, NETWORK 10K	(1005X4)	RB4717	1-234-878-21	RES, CHIP NETWORK	1KX8 (3816)
RB2002	1-239-702-81	RESISTOR, NETWORK 22K		RB4725	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
RB2003	1-239-674-81	RESISTOR, NETWORK 100		RB4726	1-239-686-11	RESISTOR, NETWORK 1K	
RB2004	1-234-372-11	RES, NETWORK 100	(1005X4)	RB4727	1-239-694-81	RESISTOR, NETWORK 4.7K	
RB2005	1-234-882-21	RES, CHIP NETWORK	47KX8 (3816)	RB4729	1-234-377-21	RES, NETWORK 4.7K	(1005X4)
RB2006	1-234-882-21	RES, CHIP NETWORK	47KX8 (3816)	RB4900	1-234-370-21	RES, NETWORK 22	(1005X4)
RB2008	1-239-686-11	RESISTOR, NETWORK 1K		RB4901	1-234-370-21	RES, NETWORK 22	(1005X4)
RB2009	1-239-686-11	RESISTOR, NETWORK 1K		RB4902	1-234-370-21	RES, NETWORK 22	(1005X4)
RB2014	1-239-698-11	RESISTOR, NETWORK 10K		RB4903	1-234-370-21	RES, NETWORK 22	(1005X4)
RB2015	1-234-375-21	RES, NETWORK 1K	(1005X4)	RB4904	1-234-370-21	RES, NETWORK 22	(1005X4)
RB2018	1-234-378-21	RES, NETWORK 10K	(1005X4)	RB5001	1-239-686-11	RESISTOR, NETWORK 1K	
RB2019	1-239-686-11	RESISTOR, NETWORK 1K		RB5002	1-239-674-81	RESISTOR, NETWORK 100	
RB2022	1-239-710-11	RESISTOR, NETWORK 100K		RB5101	1-234-372-11	RES, NETWORK 100	(1005X4)
* RB2024	1-234-380-21	RES, NETWORK 47K	(1005X4)	* RB5102	1-234-380-21	RES, NETWORK 47K	(1005X4)
RB2025	1-239-698-11	RESISTOR, NETWORK 10K		RB5110	1-234-369-21	RES, NETWORK 10	(1005X4)
RB2026	1-239-698-11	RESISTOR, NETWORK 10K		RB5112	1-234-369-21	RES, NETWORK 10	(1005X4)
RB2029	1-234-378-21	RES, NETWORK 10K	(1005X4)	RB5141	1-234-369-21	RES, NETWORK 10	(1005X4)
RB2034	1-239-706-81	RESISTOR, NETWORK 47K		RB5143	1-234-369-21	RES, NETWORK 10	(1005X4)
RB2042	1-239-674-81	RESISTOR, NETWORK 100		RB5161	1-239-706-81	RESISTOR, NETWORK 47K	
RB3003	1-234-372-11	RES, NETWORK 100	(1005X4)	RB5162	1-234-369-21	RES, NETWORK 10	(1005X4)
RB3004	1-234-372-11	RES, NETWORK 100	(1005X4)	RB5164	1-234-369-21	RES, NETWORK 10	(1005X4)
RB3006	1-239-698-11	RESISTOR, NETWORK 10K		RB5166	1-239-674-81	RESISTOR, NETWORK 100	
RB3008	1-239-674-81	RESISTOR, NETWORK 100		RB5191	1-239-706-81	RESISTOR, NETWORK 47K	
RB3009	1-239-698-11	RESISTOR, NETWORK 10K		RB5192	1-234-369-21	RES, NETWORK 10	(1005X4)
RB3010	1-239-674-81	RESISTOR, NETWORK 100		RB5194	1-234-369-21	RES, NETWORK 10	(1005X4)
RB3015	1-239-698-11	RESISTOR, NETWORK 10K		RB5196	1-239-674-81	RESISTOR, NETWORK 100	
RB3016	1-239-674-81	RESISTOR, NETWORK 100		RB5212	1-239-706-81	RESISTOR, NETWORK 47K	
RB3017	1-239-686-11	RESISTOR, NETWORK 1K		RB5214	1-239-686-11	RESISTOR, NETWORK 1K	
RB3021	1-239-682-11	RESISTOR, NETWORK 470		RB7200	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3022	1-239-698-11	RESISTOR, NETWORK 10K		RB7201	1-239-674-81	RESISTOR, NETWORK 100	
RB3024	1-239-698-11	RESISTOR, NETWORK 10K		RB7202	1-239-674-81	RESISTOR, NETWORK 100	
RB3025	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)	RB7204	1-239-674-81	RESISTOR, NETWORK 100	
RB3030	1-234-375-21	RES, NETWORK 1K	(1005X4)	RB7206	1-239-674-81	RESISTOR, NETWORK 100	
RB3031	1-234-375-21	RES, NETWORK 1K	(1005X4)	RB7208	1-239-698-11	RESISTOR, NETWORK 10K	
RB3032	1-234-372-11	RES, NETWORK 100	(1005X4)	RB7210	1-239-698-11	RESISTOR, NETWORK 10K	
RB3301	1-234-378-21	RES, NETWORK 10K	(1005X4)	RB7400	1-239-674-81	RESISTOR, NETWORK 100	
RB3410	1-239-698-11	RESISTOR, NETWORK 10K		RB7407	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB4700	1-239-686-11	RESISTOR, NETWORK 1K		RB7511	1-234-372-11	RES, NETWORK 100	(1005X4)
RB4704	1-234-372-11	RES, NETWORK 100	(1005X4)	RB7512	1-234-372-11	RES, NETWORK 100	(1005X4)
RB4706	1-234-372-11	RES, NETWORK 100	(1005X4)	RB7600	1-239-674-81	RESISTOR, NETWORK 100	
RB4707	1-234-375-21	RES, NETWORK 1K	(1005X4)	RB7601	1-239-690-81	RESISTOR, NETWORK 2.2K	
RB4708	1-234-878-21	RES, CHIP NETWORK	1KX8 (3816)	RB7850	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)
RB4709	1-234-375-21	RES, NETWORK 1K	(1005X4)	RB7852	1-234-370-21	RES, NETWORK 22	(1005X4)



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
RB7853	1-234-370-21	RES, NETWORK 22	(1005X4)	VD5101	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
RB7854	1-234-370-21	RES, NETWORK 22	(1005X4)	VD5103	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
RB7855	1-234-370-21	RES, NETWORK 22	(1005X4)	VD5104	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
RB7856	1-234-370-21	RES, NETWORK 22	(1005X4)	VD5131	1-802-078-11	VARISTOR	(SMD)
RB7857	1-234-378-21	RES, NETWORK 10K	(1005X4)	VD5133	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
RB7858	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)	VD5134	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
RB7859	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)	VD5161	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
RB7860	1-234-372-11	RES, NETWORK 100	(1005X4)	VD5162	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
RB7861	1-234-372-11	RES, NETWORK 100	(1005X4)	VD5191	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
TUNER				VD5192	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
TU7600	8-597-661-00	TUNER, FSS BTF-CA422T		VD7506	1-802-078-11	VARISTOR	(SMD)
VARISTOR				VD7507	1-802-078-11	VARISTOR	(SMD)
VD1001	1-802-078-11	VARISTOR	(SMD)	VD7508	1-802-078-11	VARISTOR	(SMD)
VD1002	1-802-078-11	VARISTOR	(SMD)	CRYSTAL			
VD1003	1-802-078-11	VARISTOR	(SMD)	X2000	1-813-462-11	VIBRATOR, CRYSTAL	24.576MHZ
VD1004	1-802-078-11	VARISTOR	(SMD)	X3001	1-813-070-21	PIEZOELECTRIC OSCILLATOR	
VD1005	1-802-078-11	VARISTOR	(SMD)	X3501	1-579-886-21	VIBRATOR, CRYSTAL	
VD1006	1-802-493-21	VARISTOR, NETWORK (1005X2)		X4700	1-813-082-11	VIBRATOR, CRYSTAL	(24.000MHZ)
VD1007	1-802-493-21	VARISTOR, NETWORK (1005X2)		X7200	1-814-133-21	VIBRATOR, CRYSTAL	
VD1051	1-802-078-11	VARISTOR	(SMD)	H3E			
VD1052	1-802-493-21	VARISTOR, NETWORK (1005X2)		PLACA H3E MONTADA			
VD1101	1-802-078-11	VARISTOR	(SMD)	CAPACITOR			
VD1102	1-802-078-11	VARISTOR	(SMD)	C302	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V
VD1103	1-802-078-11	VARISTOR	(SMD)	C303	1-114-399-21	ELECT CHIP	47µF 20% 6.3V
VD1104	1-802-493-21	VARISTOR, NETWORK (1005X2)		C304	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
VD1121	1-802-078-11	VARISTOR	(SMD)	DIODE			
VD1122	1-802-078-11	VARISTOR	(SMD)	D302	8-719-036-94	DIODE	RD5.6SB-T1
VD1123	1-802-078-11	VARISTOR	(SMD)	D308	6-502-297-01	DIODE	FR1105W-730-TR
VD1124	1-802-493-21	VARISTOR, NETWORK (1005X2)		D322	6-502-297-01	DIODE	FR1105W-730-TR
VD1201	1-802-493-21	VARISTOR, NETWORK (1005X2)		D323	6-502-296-01	DIODE	VYPY1105W-5C43A-TR
VD1203	1-802-493-21	VARISTOR, NETWORK (1005X2)		D324	6-502-297-01	DIODE	FR1105W-730-TR
VD1205	1-802-493-21	VARISTOR, NETWORK (1005X2)		D325	6-502-296-01	DIODE	VYPY1105W-5C43A-TR
VD3201	1-802-493-21	VARISTOR, NETWORK (1005X2)		IC			
VD5001	1-802-078-11	VARISTOR	(SMD)	IC301	6-600-680-01	PHOTO DIODE	BH1690FVC-TR
VD5002	1-802-078-11	VARISTOR	(SMD)				
VD5003	1-802-078-11	VARISTOR	(SMD)				
VD5004	1-802-078-11	VARISTOR	(SMD)				
VD5005	1-802-078-11	VARISTOR	(SMD)				
VD5006	1-802-078-11	VARISTOR	(SMD)				
VD5007	1-802-078-11	VARISTOR	(SMD)				
VD5008	1-802-078-11	VARISTOR	(SMD)				
VD5009	1-802-078-11	VARISTOR	(SMD)				

H3E

H4

IP5Z

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES			
<u>TRANSISTOR</u>					IP5Z							
Q301	6-551-815-01	TRANSISTOR	UNR52A1G0LS0			PLACA IP5Z COMPLETA (KLV-40V410A/40W410A) 2-580-592-01 SCREW, +PSW M3X8						
Q302	6-551-815-01	TRANSISTOR	UNR52A1G0LS0									
Q303	6-551-815-01	TRANSISTOR	UNR52A1G0LS0									
Q304	6-551-815-01	TRANSISTOR	UNR52A1G0LS0									
Q305	6-551-815-01	TRANSISTOR	UNR52A1G0LS0									
Q306	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF			<u>CAPACITOR</u>						
<u>RESISTOR</u>												
R301	1-208-871-81	METAL CHIP	220	0.50%	1/16W	C6002	1-165-529-11	MYLAR	0.22μF	10	275V	
R302	1-208-885-11	METAL CHIP	820	0.50%	1/16W	C6006	1-112-876-51	CERAMIC	470pF	10%	250V	
R303	1-208-663-11	METAL CHIP	150	0.50%	1/16W	C6007	1-112-874-51	CERAMIC	220pF	10%	250V	
R304	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	C6010	1-112-876-51	CERAMIC	470pF	10%	250V	
R305	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	C6011	1-112-874-51	CERAMIC	220pF	10%	250V	
R306	1-218-990-81	SHORT CHIP				C6014	1-161-964-91	CERAMIC	0.0047μF		250V	
R307	1-218-955-11	RES-CHIP	1.5K	5%	1/16W	C6015	1-161-964-91	CERAMIC	0.0047μF		250V	
R309	1-218-990-81	SHORT CHIP				C6018	1-165-529-11	MYLAR	0.22μF	10	275V	
R310	1-218-979-11	RES-CHIP	150K	5%	1/16W	C6020	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	
R311	1-218-965-11	RES-CHIP	10K	5%	1/16W	C6024	1-112-876-51	CERAMIC	470pF	10%	250V	
R312	1-218-971-11	RES-CHIP	33K	5%	1/16W	C6100	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	
R314	1-218-953-11	RES-CHIP	1K	5%	1/16W	C6101	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	
H4 PLACA H4 COMPLETA					C6102	1-107-906-11	ELECT	10μF	20%	50V		
					C6103	1-107-905-11	ELECT	4.7μF	20%	50V		
					C6104	1-107-910-11	ELECT	100μF	20%	50V		
					C6106	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V		
					C6107	1-107-888-11	ELECT	47μF	20%	25V		
					C6108	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V		
					C6110	1-112-481-11	CERAMIC	470pF	10%	1KV		
					C6111	1-100-732-11	FILM	18000pF	3%	1KV		
					C6150	1-114-328-11	CERAMIC CHIP	0.047μF	10%	50V		
					C6152	1-112-229-21	ELECT	1500μF	20%	16V		
C6153	1-112-229-21	ELECT	1500μF	20%	16V							
C6155	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V							
C6159	1-112-835-11	ELECT	3300μF	20%	25V							
C6161	1-114-324-11	CERAMIC CHIP	0.022μF	10%	50V							
C6200	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V							
C6201	1-162-927-11	CERAMIC CHIP	100pF	5%	50V							
C6202	1-107-902-11	ELECT	1μF	20%	50V							
C6203	1-100-139-31	FILM	0.001μF	5%	630V							
C6204	1-107-903-11	ELECT	2.2μF	20%	50V							
C6205	1-107-910-11	ELECT	100μF	20%	50V							
C6206	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V							
C6250	1-128-949-31	ELECT	470μF	20%	16V							
C6251	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V							

IP5Z

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6300	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6658	1-115-339-11	CERAMIC CHIP	0.1μF	10%	50V
C6301	1-110-501-11	CERAMIC CHIP	0.33μF	10%	16V	C6702	1-107-725-11	CERAMIC CHIP	0.1μF	10%	16V
C6302	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6703	1-107-725-11	CERAMIC CHIP	0.1μF	10%	16V
C6303	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C6709	1-104-513-21	CERAMIC	47pF	5%	6.3KV
C6304	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6710	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6310	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6711	1-104-513-21	CERAMIC	47pF	5%	6.3KV
C6311	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C6712	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6312	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6713	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6400	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6714	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6402	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6717	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V
C6407	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C6718	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V
C6408	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6719	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6410	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6723	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6504	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	C6724	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C6507	1-107-906-11	ELECT	10μF	20%	50V	C6725	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V
C6508	1-114-322-11	CERAMIC CHIP	0.0047μF	10%	50V	C6726	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C6509	1-114-322-11	CERAMIC CHIP	0.0047μF	10%	50V	C6727	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6510	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6728	1-164-227-11	CERAMIC CHIP	0.022μF	10%	25V
C6511	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	C6729	1-107-882-91	ELECT	100μF	20%	16V
C6513	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C6730	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6518	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6731	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V
C6519	1-107-906-11	ELECT	10μF	20%	50V	C6732	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C6522	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C6733	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6523	1-107-906-11	ELECT	10μF	20%	50V	C6735	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C6525	1-107-906-11	ELECT	10μF	20%	50V	C6738	1-137-710-91	CERAMIC CHIP	10μF	20%	6.3V
C6531	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	C6739	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6532	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	C6740	1-107-882-91	ELECT	100μF	20%	16V
C6550	1-112-744-61	MYLAR	1μF	10%	450V	C6742	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6551	1-112-873-11	CERAMIC	100pF	10%	250V	C6744	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6552	1-114-745-11	FILM	1μF	5%	450V	C6745	1-107-882-91	ELECT	100μF	20%	16V
C6559	1-112-481-11	CERAMIC	470pF	10%	1KV	C6746	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6560	1-112-481-11	CERAMIC	470pF	10%	1KV	C6747	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6561	1-112-481-11	CERAMIC	470pF	10%	1KV	C6748	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C6562	1-112-481-11	CERAMIC	470pF	10%	1KV	C6749	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6568	1-112-481-11	CERAMIC	470pF	10%	1KV	C6751	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6569	1-112-481-11	CERAMIC	470pF	10%	1KV	C6752	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6570	1-112-481-11	CERAMIC	470pF	10%	1KV	C6755	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6571	1-112-481-11	CERAMIC	470pF	10%	1KV	C6756	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6574	1-114-293-11	ELECT(BLOCK)	220μF	20%	450V	C6757	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6600	1-112-744-61	MYLAR	1μF	10%	450V	C6759	1-107-882-91	ELECT	100μF	20%	16V
C6601	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6761	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C6602	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6762	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C6604	1-115-339-11	CERAMIC CHIP	0.1μF	10%	50V	C6788	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6606	1-112-744-61	MYLAR	1μF	10%	450V	C6789	1-107-909-11	ELECT	47μF	20%	50V
C6612	1-112-874-51	CERAMIC	220pF	10%	250V	C6794	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V

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IP5Z

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C6797	1-112-744-61	MYLAR	1µF 10% 450V	D6604	6-502-376-01	DIODE	FSF03B60
C6800	1-100-566-91	CERAMIC CHIP	0.1µF 10% 25V	D6605	6-502-376-01	DIODE	FSF03B60
C6801	1-100-566-91	CERAMIC CHIP	0.1µF 10% 25V				
CONNECTOR				D6606	6-501-848-01	DIODE	S3K60
* CN6000	1-793-660-11	PIN, CONNECTOR (PC BOARD)		D6607	6-501-848-01	DIODE	S3K60
* CN6150	1-793-235-11	PIN, CONNECTOR (PC BOARD)	13P	D6620	8-719-083-57	DIODE	UDZSNPTE-173.6B
* CN6151	1-779-944-21	PIN, CONNECTOR (PC BOARD)	4P	D6621	8-719-083-57	DIODE	UDZSNPTE-173.6B
* CN6154	1-785-702-11	PIN, CONNECTOR (PC BOARD)	5P	D6704	6-501-579-01	DIODE	MC2837
CN6700	1-821-935-11	HEADER ASSEMBLY FOR PWB, MDF61					
DIODE				D6705	6-501-579-01	DIODE	MC2837
D6000	8-719-054-89	DIODE	D15XB60	D6709	6-501-732-01	DIODE	MAZ8056G0LS0
D6001	6-501-817-01	DIODE	MA2J1110GLS0	D6710	6-501-732-01	DIODE	MAZ8056G0LS0
D6003	6-502-318-01	DIODE	MA4J1130GLS0	D6711	6-501-817-01	DIODE	MA2J1110GLS0
 D6100	8-719-081-67	DIODE	M1FM3	D6714	6-501-724-01	DIODE	MAZ8047G0LS0
D6101	8-719-081-67	DIODE	M1FM3				
D6102	6-501-774-01	DIODE	MAZ8150G0LS0	D6715	6-501-724-01	DIODE	MAZ8047G0LS0
D6103	8-719-979-64	DIODE	µF4005/23	D6722	6-500-335-01	DIODE	MC2838-T112-1
D6104	8-719-081-67	DIODE	M1FM3	D6725	6-500-137-01	DIODE	BAT54HT1
D6150	6-501-545-01	DIODE	SG10SC6-F5	D6727	6-500-137-01	DIODE	BAT54HT1
D6151	6-501-545-01	DIODE	SG10SC6-F5	FERRITE BEAD			
 D6152	6-501-545-01	DIODE	SG10SC6-F5	FB6100	1-412-911-11	FERRITE	0µH
D6201	6-502-380-01	DIODE	AB01BV1	FB6101	1-412-911-11	FERRITE	0µH
D6202	6-501-817-01	DIODE	MA2J1110GLS0	FB6500	1-412-911-11	FERRITE	0µH
D6203	6-500-567-31	DIODE	10ERB20-TB3	FB6504	1-412-911-11	FERRITE	0µH
D6204	6-500-567-31	DIODE	10ERB20-TB3	FB6600	1-410-396-41	FERRITE	0.45µH
D6250	6-501-526-01	DIODE	D1NS6-TR2				
D6300	6-501-817-01	DIODE	MA2J1110GLS0	FB6601	1-410-396-41	FERRITE	0.45µH
D6301	6-501-817-01	DIODE	MA2J1110GLS0	FB6602	1-410-396-41	FERRITE	0.45µH
D6302	6-501-728-01	DIODE	MAZ8051G0LS0	FB6603	1-410-396-41	FERRITE	0.45µH
D6305	6-502-318-01	DIODE	MA4J1130GLS0	FB6706	1-414-445-11	FERRITE	0µH
D6400	6-501-774-01	DIODE	MAZ8150G0LS0	FB6707	1-414-445-11	FERRITE	0µH
D6401	6-502-318-01	DIODE	MA4J1130GLS0				
D6403	6-500-137-01	DIODE	BAT54HT1	FB6708	1-414-445-11	FERRITE	0µH
D6503	6-501-817-01	DIODE	MA2J1110GLS0	FB6709	1-414-445-11	FERRITE	0µH
D6504	6-501-817-01	DIODE	MA2J1110GLS0	FB6718	1-412-911-11	FERRITE	0µH
D6505	6-501-762-01	DIODE	MAZ8110G0LS0	FB6719	1-414-793-21	FERRITE	0µH
D6508	6-501-732-01	DIODE	MAZ8056G0LS0	FB6720	1-414-793-21	FERRITE	0µH
D6553	6-502-378-01	DIODE	MA22F2000LS0	IC			
D6554	6-502-378-01	DIODE	MA22F2000LS0	 IC6100	6-707-749-01	IC	CXD9841P
D6555	6-501-848-01	DIODE	S3K60	IC6101	6-711-947-01	IC	MM1431CURE
D6556	6-501-848-01	DIODE	S3K60	 IC6200	6-708-801-01	IC	MIP2H2
D6600	6-501-818-01	DIODE	MA2J1130GLS0	IC6250	6-709-442-01	IC	MM1530ATT
D6601	6-501-818-01	DIODE	MA2J1130GLS0	IC6302	6-709-499-01	IC	RT9H301C-T112-1
				 IC6500	6-712-651-01	IC	R2A20112DD#U0
				IC6702	6-702-877-01	IC	LD1117S50
				IC6703	6-705-660-01	IC	LM339DT(A)

NOTA: Os componentes identificados com o símbolo  são críticos para a segurança. Somente os substitua pelo código especificado.



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
CHIP CONDUCTOR				L6600	1-406-977-21	INDUCTOR	100μH
JR6001	1-216-296-11	SHORT CHIP		L6601	1-419-622-11	COIL, LINE FILTER	
JR6002	1-216-296-11	SHORT CHIP		PHOTO COUPLER			
JR6003	1-216-296-11	SHORT CHIP		PH6100	6-600-671-01	PC123Y22FZW	
JR6004	1-216-296-11	SHORT CHIP		 PH6200	6-600-671-01	PC123Y22FZW	
JR6005	1-216-296-11	SHORT CHIP		PH6300	6-600-671-01	PC123Y22FZW	
JR6006	1-216-295-91	SHORT CHIP		PH6302	6-600-671-01	PC123Y22FZW	
JR6007	1-216-296-11	SHORT CHIP		TRANSISTOR			
JR6008	1-216-295-91	SHORT CHIP		Q6100	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q
JR6009	1-216-296-11	SHORT CHIP		Q6101	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q
JR6010	1-216-295-91	SHORT CHIP		Q6300	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR6011	1-216-295-91	SHORT CHIP		Q6302	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR6012	1-216-296-11	SHORT CHIP		Q6303	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
JR6013	1-216-296-11	SHORT CHIP		Q6304	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
JR6014	1-216-864-11	SHORT CHIP		Q6305	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR6015	1-216-296-11	SHORT CHIP		Q6306	6-551-865-01	TRANSISTOR	RT1P14BC-TP-1
JR6016	1-216-295-91	SHORT CHIP		Q6307	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR6017	1-216-296-11	SHORT CHIP		Q6400	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR6018	1-216-295-91	SHORT CHIP		Q6402	6-551-865-01	TRANSISTOR	RT1P14BC-TP-1
JR6019	1-216-295-91	SHORT CHIP		Q6403	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR6020	1-216-296-11	SHORT CHIP		Q6404	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR6021	1-216-295-91	SHORT CHIP		Q6500	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR6101	1-216-295-91	SHORT CHIP		Q6502	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR6102	1-216-296-11	SHORT CHIP		Q6503	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR6103	1-216-295-91	SHORT CHIP		Q6504	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR6104	1-216-296-11	SHORT CHIP		Q6505	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR6105	1-216-295-91	SHORT CHIP		Q6507	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR6106	1-216-295-91	SHORT CHIP		 Q6551	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY.Q
JR6151	1-216-296-11	SHORT CHIP		 Q6552	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY.Q
JR6152	1-216-295-91	SHORT CHIP		Q6600	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR6153	1-216-296-11	SHORT CHIP		Q6601	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR6154	1-216-296-11	SHORT CHIP		 Q6602	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
JR6155	1-216-296-11	SHORT CHIP		 Q6603	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
JR6156	1-216-295-91	SHORT CHIP		Q6706	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1
JR6157	1-216-296-11	SHORT CHIP		Q6707	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1
JR6158	1-216-296-11	SHORT CHIP		Q6711	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
COIL				Q6712	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
L6000	1-457-513-11	LINE FILTER COIL		Q6714	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
L6001	1-457-472-11	LINE FILTER COIL		Q6717	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
L6151	1-406-657-11	INDUCTOR	4.7μH	Q6718	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
L6400	1-414-183-41	INDUCTOR	10μH	Q6719	8-729-055-50	TRANSISTOR	2SC4357-T11-1E
L6550	1-457-626-11	INDUCTOR	260μH	Q6720	8-729-055-50	TRANSISTOR	2SC4357-T11-1E

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
RESISTOR						R6251	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6010	1-216-864-11	SHORT CHIP				R6252	1-216-805-11	METAL CHIP	47	5%	1/10W
R6011	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6253	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6012	1-216-864-11	SHORT CHIP				R6254	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6014	1-208-845-11	METAL CHIP	430K	0.50%	1/10W	R6255	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6015	1-246-389-11	METAL CHIP	560K	0.50%	1/4W	R6300	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6016	1-246-385-11	WIREWOUND	6.8	5%	8/5W	R6301	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6017	1-208-830-11	METAL CHIP	100K	0.50%	1/10W	R6302	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6018	1-208-846-11	METAL CHIP	470K	0.50%	1/10W	R6303	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6019	1-246-389-11	METAL CHIP	560K	0.50%	1/4W	R6306	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6100	1-218-885-11	METAL CHIP	39K	0.50%	1/10W	R6307	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6101	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R6308	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6102	1-218-823-11	METAL CHIP	100	0.50%	1/10W	R6309	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6103	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	R6310	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6105	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6311	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6106	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6314	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6107	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6316	1-216-864-11	SHORT CHIP			
R6108	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6319	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6109	1-208-830-11	METAL CHIP	100K	0.50%	1/10W	R6322	1-218-886-11	METAL CHIP	43K	0.50%	1/10W
R6110	1-216-863-11	METAL CHIP	3.3M	5%	1/10W	R6323	1-216-849-11	METAL CHIP	220K	5%	1/10W
R6111	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R6324	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6114	1-211-985-11	METAL CHIP	47	0.50%	1/10W	R6326	1-218-886-11	METAL CHIP	43K	0.50%	1/10W
⚠ R6115	1-216-009-91	RES-CHIP	22	5%	1/10W	R6329	1-249-385-11	CARBON	2.2	5%	1/4W
R6116	1-216-009-91	RES-CHIP	22	5%	1/10W	R6333	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6117	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6335	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6118	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6336	1-216-805-11	METAL CHIP	47	5%	1/10W
R6120	1-216-361-00	METAL OXIDE	0.22	5%	2W	R6338	1-216-864-11	SHORT CHIP			
R6121	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	R6339	1-216-864-11	SHORT CHIP			
R6123	1-216-361-00	METAL OXIDE	0.22	5%	2W	R6400	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6150	1-216-819-11	METAL CHIP	680	5%	1/10W	R6403	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6151	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6404	1-216-864-11	SHORT CHIP			
R6152	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6406	1-216-817-11	METAL CHIP	470	5%	1/10W
R6153	1-216-864-11	SHORT CHIP				R6407	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6154	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	R6410	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6156	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R6414	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6157	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6417	1-216-864-11	SHORT CHIP			
R6158	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6418	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6159	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6421	1-216-821-11	METAL CHIP	1K	5%	1/10W
⚠ R6200	1-246-188-51	FUSIBLE	10	5%	1/2W	R6424	1-216-864-11	SHORT CHIP			
R6201	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W	R6425	1-216-864-11	SHORT CHIP			
R6202	1-243-725-71	METAL OXIDE	100K	5%	1W	R6428	1-216-864-11	SHORT CHIP			
R6203	1-249-385-11	CARBON	2.2	5%	1/4W	⚠ R6500	1-220-926-81	FUSIBLE	0.47	10%	1/2W
R6250	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6501	1-218-831-11	METAL CHIP	220	0.50%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6502	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R6601	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6503	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R6602	1-249-403-11	CARBON	68	5%	1/4W
R6504	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R6603	1-249-403-11	CARBON	68	5%	1/4W
R6505	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R6604	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6506	1-218-878-11	METAL CHIP	20K	0.50%	1/10W	R6605	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6507	1-245-118-91	METAL CHIP	2.2M	0.50%	1/10W	R6606	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6508	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R6607	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6509	1-216-809-11	METAL CHIP	100	5%	1/10W	R6609	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6510	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6619	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6517	1-216-809-11	METAL CHIP	100	5%	1/10W	R6632	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6521	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6633	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6522	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	 R6700	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6523	1-208-846-11	METAL CHIP	470K	0.50%	1/10W	R6701	1-216-809-11	METAL CHIP	100	5%	1/10W
R6524	1-218-891-11	METAL CHIP	68K	0.50%	1/10W	R6702	1-216-809-11	METAL CHIP	100	5%	1/10W
R6525	1-218-883-11	METAL CHIP	33K	0.50%	1/10W	R6703	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6526	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6704	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6527	1-218-907-11	METAL CHIP	330K	0.50%	1/10W	R6705	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6528	1-218-907-11	METAL CHIP	330K	0.50%	1/10W	R6707	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6529	1-216-809-11	METAL CHIP	100	5%	1/10W	R6708	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6531	1-246-388-11	METAL	0.1	5%	5W	R6714	1-216-834-11	METAL CHIP	12K	5%	1/10W
R6533	1-246-388-11	METAL	0.1	5%	5W	R6715	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6534	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6716	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6541	1-208-820-11	METAL CHIP	39K	0.50%	1/10W	R6720	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6542	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6721	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6543	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6722	1-218-893-11	METAL CHIP	82K	0.50%	1/10W
R6544	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6723	1-211-987-11	METAL CHIP	56	0.50%	1/10W
R6545	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6725	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6546	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6726	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R6547	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6727	1-245-118-91	METAL CHIP	2.2M	0.50%	1/10W
R6548	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6728	1-218-869-11	METAL CHIP	8.2K	0.50%	1/10W
R6561	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R6730	1-218-857-11	METAL CHIP	2.7K	0.50%	1/10W
R6564	1-215-882-00	METAL OXIDE	22	5%	2W	R6733	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6565	1-215-882-00	METAL OXIDE	22	5%	2W	R6736	1-216-864-11	SHORT CHIP			
R6568	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6747	1-218-909-11	METAL CHIP	390K	0.50%	1/10W
R6569	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6750	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6571	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R6751	1-218-881-11	METAL CHIP	27K	0.50%	1/10W
 R6572	1-216-603-11	METAL CHIP	10	0.50%	1/10W	R6752	1-218-825-11	METAL CHIP	120	0.50%	1/10W
 R6573	1-216-603-11	METAL CHIP	10	0.50%	1/10W	R6754	1-218-823-11	METAL CHIP	100	0.50%	1/10W
R6574	1-249-405-11	CARBON	100	5%	1/4W	R6755	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6575	1-249-405-11	CARBON	100	5%	1/4W	R6756	1-211-991-11	METAL CHIP	82	0.50%	1/10W
R6576	1-243-550-71	METAL OXIDE	6.8	5%	2W	R6757	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6577	1-243-550-71	METAL OXIDE	6.8	5%	2W	R6758	1-218-825-11	METAL CHIP	120	0.50%	1/10W
R6578	1-208-806-11	METAL CHIP	10K	0.50%	1/10W	R6762	1-218-825-11	METAL CHIP	120	0.50%	1/10W
R6579	1-216-839-11	METAL CHIP	33K	5%	1/10W	R6763	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6600	1-216-049-11	RES-CHIP	1K	5%	1/10W	R6764	1-218-827-11	METAL CHIP	150	0.50%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6766	1-216-864-11	SHORT CHIP				IP5Z					
R6768	1-218-827-11	METAL CHIP	150	0.50%	1/10W						
R6771	1-218-895-11	METAL CHIP	100K	0.50%	1/10W						
R6773	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6776	1-216-864-11	SHORT CHIP									
R6779	1-218-871-11	METAL CHIP	10K	0.50%	1/10W						
R6783	1-218-883-11	METAL CHIP	33K	0.50%	1/10W						
R6786	1-216-829-11	METAL CHIP	4.7K	5%	1/10W						
R6789	1-218-887-11	METAL CHIP	47K	0.50%	1/10W						
R6790	1-218-895-11	METAL CHIP	100K	0.50%	1/10W						
R6791	1-218-827-11	METAL CHIP	150	0.50%	1/10W						
R6792	1-218-905-11	METAL CHIP	270K	0.50%	1/10W						
R6794	1-218-871-11	METAL CHIP	10K	0.50%	1/10W						
R6795	1-216-841-11	METAL CHIP	47K	5%	1/10W						
R6796	1-218-827-11	METAL CHIP	150	0.50%	1/10W						
R6797	1-216-829-11	METAL CHIP	4.7K	5%	1/10W						
R6798	1-218-827-11	METAL CHIP	150	0.50%	1/10W						
R6799	1-216-845-11	METAL CHIP	100K	5%	1/10W						
 R6804	1-249-381-11	CARBON	1	5%	1/4W						
R6805	1-216-793-11	METAL CHIP	4.7	5%	1/10W						
R6809	1-216-825-11	METAL CHIP	2.2K	5%	1/10W						
R6823	1-216-864-11	SHORT CHIP									
R6824	1-216-864-11	SHORT CHIP									
R6917	1-249-417-11	CARBON	1K	5%	1/4W						
R6918	1-249-417-11	CARBON	1K	5%	1/4W						
R6919	1-249-417-11	CARBON	1K	5%	1/4W						
R6920	1-249-417-11	CARBON	1K	5%	1/4W						
R6921	1-218-911-11	METAL CHIP	470K	0.50%	1/10W						
<u>RELAY</u>											
RY6000	1-755-395-11	RELAY (AC POWER)									
<u>TRANSFORMER</u>											
T6200	1-443-984-21	CONVERTER TRANSFORMER	(SBT)								
<u>THERMISTOR</u>											
TH6300	1-809-789-71	THERMISTOR, POSITIVE									
<u>VARISTOR</u>											
VD6000	1-804-996-21	VARISTOR									
VD6001	1-804-996-21	VARISTOR									

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IP5Z

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6300	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6658	1-115-339-11	CERAMIC CHIP	0.1μF	10%	50V
C6301	1-110-501-11	CERAMIC CHIP	0.33μF	10%	16V	C6702	1-107-823-11	CERAMIC CHIP	0.47μF	10%	16V
C6302	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6703	1-107-823-11	CERAMIC CHIP	0.47μF	10%	16V
C6303	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C6709	1-104-513-21	CERAMIC	47pF	5%	6.3KV
C6304	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6710	1-114-573-91	CERAMIC CHIP	0.0047μF	5%	50V
C6310	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6711	1-104-513-21	CERAMIC	47pF	5%	6.3KV
C6311	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C6712	1-114-573-91	CERAMIC CHIP	0.0047μF	5%	50V
C6312	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6713	1-114-573-91	CERAMIC CHIP	0.0047μF	5%	50V
C6400	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6714	1-114-573-91	CERAMIC CHIP	0.0047μF	5%	50V
C6402	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6718	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6407	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C6719	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6408	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6723	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6410	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6724	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C6504	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	C6725	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V
C6507	1-107-906-11	ELECT	10μF	20%	50V	C6726	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C6508	1-114-322-11	CERAMIC CHIP	0.0047μF	10%	50V	C6727	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6509	1-114-322-11	CERAMIC CHIP	0.0047μF	10%	50V	C6728	1-164-227-11	CERAMIC CHIP	0.022μF	10%	25V
C6510	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6729	1-107-882-91	ELECT	100μF	20%	16V
C6511	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	C6730	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6513	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C6731	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V
C6518	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6732	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C6519	1-107-906-11	ELECT	10μF	20%	50V	C6733	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6522	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C6735	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C6523	1-107-906-11	ELECT	10μF	20%	50V	C6738	1-137-710-91	CERAMIC CHIP	10μF	20%	6.3V
C6525	1-107-906-11	ELECT	10μF	20%	50V	C6739	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6531	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	C6740	1-107-882-91	ELECT	100μF	20%	16V
C6532	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V	C6742	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6550	1-112-744-61	MYLAR	1μF	10%	450V	C6744	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6551	1-112-873-11	CERAMIC	100pF	10%	250V	C6745	1-107-882-91	ELECT	100μF	20%	16V
C6552	1-114-745-11	FILM	1μF	5%	450V	C6746	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6559	1-112-481-11	CERAMIC	470pF	10%	1KV	C6747	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6560	1-112-481-11	CERAMIC	470pF	10%	1KV	C6748	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C6561	1-112-481-11	CERAMIC	470pF	10%	1KV	C6749	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6562	1-112-481-11	CERAMIC	470pF	10%	1KV	C6751	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6568	1-112-481-11	CERAMIC	470pF	10%	1KV	C6752	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6569	1-112-481-11	CERAMIC	470pF	10%	1KV	C6755	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6570	1-112-481-11	CERAMIC	470pF	10%	1KV	C6756	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6571	1-112-481-11	CERAMIC	470pF	10%	1KV	C6757	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6574	1-114-293-11	ELECT(BLOCK)	220μF	20%	450V	C6759	1-107-882-91	ELECT	100μF	20%	16V
C6600	1-112-744-61	MYLAR	1μF	10%	450V	C6761	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C6601	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6762	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C6602	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6788	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6604	1-115-339-11	CERAMIC CHIP	0.1μF	10%	50V	C6789	1-107-909-11	ELECT	47μF	20%	50V
C6606	1-112-744-61	MYLAR	1μF	10%	450V	C6794	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6612	1-112-874-51	CERAMIC	220pF	10%	250V	C6797	1-112-744-61	MYLAR	1μF	10%	450V

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IP5Z

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
CONNECTOR							
*	CN6000	1-793-660-11	PIN, CONNECTOR (PC BOARD)	D6606	6-501-848-01	DIODE	S3K60
*	CN6150	1-793-235-11	PIN, CONNECTOR (PC BOARD) 13P	D6607	6-501-848-01	DIODE	S3K60
*	CN6151	1-779-944-21	PIN, CONNECTOR (PC BOARD) 4P	D6620	8-719-083-57	DIODE	UDZSNPTE-173.6B
*	CN6154	1-785-702-11	PIN, CONNECTOR (PC BOARD) 5P	D6621	8-719-083-57	DIODE	UDZSNPTE-173.6B
	CN6700	1-821-935-11	HEADER ASSEMBLY FOR PWB, MDF61	D6704	6-501-579-01	DIODE	MC2837
				D6705	6-501-579-01	DIODE	MC2837
	CN6706	1-785-705-11	PIN, CONNECTOR (PC BOARD) 9P	D6709	6-501-732-01	DIODE	MAZ8056G0LS0
DIODE				D6710	6-501-732-01	DIODE	MAZ8056G0LS0
	D6000	8-719-054-89	DIODE D15XB60	D6711	6-501-817-01	DIODE	MA2J1110GLS0
	D6001	6-501-817-01	DIODE MA2J1110GLS0	D6714	6-501-724-01	DIODE	MAZ8047G0LS0
	D6003	6-502-318-01	DIODE MA4J1130GLS0	D6715	6-501-724-01	DIODE	MAZ8047G0LS0
	D6100	8-719-081-67	DIODE M1FM3	D6722	6-500-335-01	DIODE	MC2838-T112-1
	D6101	8-719-081-67	DIODE M1FM3	D6725	6-500-137-01	DIODE	BAT54HT1
				D6727	6-500-137-01	DIODE	BAT54HT1
	D6102	6-501-774-01	DIODE MAZ8150G0LS0	FERRITE BEAD			
	D6103	8-719-979-64	DIODE μ F4005/23	FB6100	1-412-911-11	FERRITE	0 μ H
	D6104	8-719-081-67	DIODE M1FM3	FB6101	1-412-911-11	FERRITE	0 μ H
	D6150	6-501-545-01	DIODE SG10SC6-F5	FB6500	1-412-911-11	FERRITE	0 μ H
	D6151	6-501-545-01	DIODE SG10SC6-F5	FB6504	1-412-911-11	FERRITE	0 μ H
	D6152	6-501-545-01	DIODE SG10SC6-F5	FB6600	1-410-396-41	FERRITE	0.45 μ H
	D6201	6-502-380-01	DIODE AB01BV1	FB6601	1-410-396-41	FERRITE	0.45 μ H
	D6202	6-501-817-01	DIODE MA2J1110GLS0	FB6602	1-410-396-41	FERRITE	0.45 μ H
	D6203	6-500-567-31	DIODE 10ERB20-TB3	FB6603	1-410-396-41	FERRITE	0.45 μ H
	D6204	6-500-567-31	DIODE 10ERB20-TB3	FB6706	1-414-445-11	FERRITE	0 μ H
				FB6707	1-414-445-11	FERRITE	0 μ H
	D6250	6-501-526-01	DIODE D1NS6-TR2	FB6708	1-414-445-11	FERRITE	0 μ H
	D6300	6-501-817-01	DIODE MA2J1110GLS0	FB6709	1-414-445-11	FERRITE	0 μ H
	D6301	6-501-817-01	DIODE MA2J1110GLS0	FB6716	1-414-793-21	FERRITE	0 μ H
	D6302	6-501-728-01	DIODE MAZ8051G0LS0	FB6717	1-414-793-21	FERRITE	0 μ H
	D6305	6-502-318-01	DIODE MA4J1130GLS0	FB6718	1-412-911-11	FERRITE	0 μ H
				FB6719	1-414-793-21	FERRITE	0 μ H
	D6400	6-501-774-01	DIODE MAZ8150G0LS0	FB6720	1-414-793-21	FERRITE	0 μ H
	D6401	6-502-318-01	DIODE MA4J1130GLS0	IC			
	D6403	6-500-137-01	DIODE BAT54HT1		IC6100	6-707-749-01	IC CXD9841P
	D6503	6-501-817-01	DIODE MA2J1110GLS0		IC6101	6-711-947-01	IC MM1431CURE
	D6504	6-501-817-01	DIODE MA2J1110GLS0		IC6200	6-708-801-01	IC MIP2H2
					IC6250	6-709-442-01	IC MM1530ATT
	D6505	6-501-762-01	DIODE MAZ8110G0LS0		IC6302	6-709-499-01	IC RT9H301C-T112-1
	D6508	6-501-732-01	DIODE MAZ8056G0LS0		IC6500	6-712-651-01	IC R2A20112DD#U0
	D6553	6-502-378-01	DIODE MA22F2000LS0		IC6702	6-702-877-01	IC LD1117S50
	D6554	6-502-378-01	DIODE MA22F2000LS0		IC6703	6-705-660-01	IC LM339DT(A)
	D6555	6-501-848-01	DIODE S3K60				
	D6556	6-501-848-01	DIODE S3K60				
	D6600	6-501-818-01	DIODE MA2J1130GLS0				
	D6601	6-501-818-01	DIODE MA2J1130GLS0				
	D6604	6-502-376-01	DIODE FSF03B60				
	D6605	6-502-376-01	DIODE FSF03B60				

NOTA: Os componentes identificados com o símbolo  são críticos para a segurança. Somente os substitua pelo código especificado.

IP5Z

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
CHIP CONDUCTOR				PHOTO COUPLER			
JR6001	1-216-296-11	SHORT CHIP		PH6100	6-600-671-01	PC123Y22FZW	
JR6002	1-216-296-11	SHORT CHIP		 PH6200	6-600-671-01	PC123Y22FZW	
JR6003	1-216-296-11	SHORT CHIP		PH6300	6-600-671-01	PC123Y22FZW	
JR6004	1-216-296-11	SHORT CHIP		PH6302	6-600-671-01	PC123Y22FZW	
JR6005	1-216-296-11	SHORT CHIP		TRANSISTOR			
JR6006	1-216-295-91	SHORT CHIP		 Q6100	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q
JR6007	1-216-296-11	SHORT CHIP		 Q6101	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q
JR6008	1-216-295-91	SHORT CHIP		Q6300	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR6009	1-216-296-11	SHORT CHIP		Q6302	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR6010	1-216-295-91	SHORT CHIP		Q6303	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
JR6011	1-216-295-91	SHORT CHIP		Q6304	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
JR6012	1-216-296-11	SHORT CHIP		Q6305	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR6013	1-216-296-11	SHORT CHIP		Q6306	6-551-865-01	TRANSISTOR	RT1P14BC-TP-1
JR6014	1-216-864-11	SHORT CHIP		Q6307	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR6015	1-216-296-11	SHORT CHIP		Q6400	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR6016	1-216-295-91	SHORT CHIP		Q6402	6-551-865-01	TRANSISTOR	RT1P14BC-TP-1
JR6017	1-216-296-11	SHORT CHIP		Q6403	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR6018	1-216-295-91	SHORT CHIP		Q6404	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR6019	1-216-295-91	SHORT CHIP		Q6500	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR6020	1-216-296-11	SHORT CHIP		Q6502	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR6021	1-216-295-91	SHORT CHIP		Q6503	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR6101	1-216-295-91	SHORT CHIP		Q6504	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR6102	1-216-296-11	SHORT CHIP		Q6505	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR6103	1-216-295-91	SHORT CHIP		Q6507	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR6104	1-216-296-11	SHORT CHIP		 Q6551	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY,Q
JR6105	1-216-295-91	SHORT CHIP		 Q6552	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY,Q
JR6106	1-216-295-91	SHORT CHIP		Q6600	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR6151	1-216-296-11	SHORT CHIP		Q6601	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR6152	1-216-295-91	SHORT CHIP		 Q6602	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY,Q
JR6153	1-216-296-11	SHORT CHIP		 Q6603	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY,Q
JR6154	1-216-296-11	SHORT CHIP		Q6706	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1
JR6155	1-216-296-11	SHORT CHIP		Q6707	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1
JR6156	1-216-295-91	SHORT CHIP		Q6711	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR6157	1-216-296-11	SHORT CHIP		Q6712	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR6158	1-216-296-11	SHORT CHIP		Q6714	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
COIL				Q6717	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
L6000	1-457-513-11	LINE FILTER COIL		Q6718	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
L6001	1-457-472-11	LINE FILTER COIL		Q6719	8-729-055-50	TRANSISTOR	2SC4357-T11-1E
L6151	1-406-657-11	INDUCTOR	4.7μH	Q6720	8-729-055-50	TRANSISTOR	2SC4357-T11-1E
L6400	1-414-183-41	INDUCTOR	10μH				
L6550	1-457-626-11	INDUCTOR	260μH				
L6600	1-406-977-21	INDUCTOR	100μH				
L6601	1-419-622-11	COIL, LINE FILTER					

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
RESISTOR						R6251	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6010	1-216-864-11	SHORT CHIP				R6252	1-216-805-11	METAL CHIP	47	5%	1/10W
R6011	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6253	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6012	1-216-864-11	SHORT CHIP									
R6014	1-208-845-11	METAL CHIP	430K	0.50%	1/10W	R6254	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6015	1-246-389-11	METAL CHIP	560K	0.50%	1/4W	R6255	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
						R6300	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6016	1-246-385-11	WIREWOUND	6.8	5%	8/5W	R6301	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6017	1-208-830-11	METAL CHIP	100K	0.50%	1/10W	R6302	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6018	1-208-846-11	METAL CHIP	470K	0.50%	1/10W						
R6019	1-246-389-11	METAL CHIP	560K	0.50%	1/4W	R6303	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6100	1-218-885-11	METAL CHIP	39K	0.50%	1/10W	R6306	1-216-845-11	METAL CHIP	100K	5%	1/10W
						R6307	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6101	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R6308	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6102	1-218-823-11	METAL CHIP	100	0.50%	1/10W	R6309	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6103	1-218-877-11	METAL CHIP	18K	0.50%	1/10W						
R6105	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6310	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6106	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6311	1-216-841-11	METAL CHIP	47K	5%	1/10W
						R6314	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6107	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6316	1-216-864-11	SHORT CHIP			
R6108	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6319	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6109	1-208-830-11	METAL CHIP	100K	0.50%	1/10W						
R6110	1-216-863-11	METAL CHIP	3.3M	5%	1/10W	R6322	1-218-886-11	METAL CHIP	43K	0.50%	1/10W
R6111	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R6323	1-216-849-11	METAL CHIP	220K	5%	1/10W
						R6324	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6114	1-211-985-11	METAL CHIP	47	0.50%	1/10W	R6326	1-218-886-11	METAL CHIP	43K	0.50%	1/10W
△ R6115	1-216-009-91	RES-CHIP	22	5%	1/10W	R6329	1-249-385-11	CARBON	2.2	5%	1/4W
R6116	1-216-009-91	RES-CHIP	22	5%	1/10W						
R6117	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6333	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6118	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6335	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
						R6336	1-216-805-11	METAL CHIP	47	5%	1/10W
R6120	1-216-361-00	METAL OXIDE	0.22	5%	2W	R6338	1-216-864-11	SHORT CHIP			
R6121	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	R6339	1-216-864-11	SHORT CHIP			
R6123	1-216-361-00	METAL OXIDE	0.22	5%	2W						
R6150	1-216-819-11	METAL CHIP	680	5%	1/10W	R6400	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6151	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6403	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R6404	1-216-864-11	SHORT CHIP			
R6152	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6406	1-216-817-11	METAL CHIP	470	5%	1/10W
R6153	1-216-864-11	SHORT CHIP				R6407	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6154	1-218-877-11	METAL CHIP	18K	0.50%	1/10W						
R6156	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R6410	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6157	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6414	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R6417	1-216-864-11	SHORT CHIP			
R6158	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6418	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6159	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6421	1-216-821-11	METAL CHIP	1K	5%	1/10W
△ R6200	1-246-188-51	FUSIBLE	10	5%	1/2W						
R6201	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W	R6424	1-216-864-11	SHORT CHIP			
R6202	1-243-725-71	METAL OXIDE	100K	5%	1W	R6425	1-216-864-11	SHORT CHIP			
						R6428	1-216-864-11	SHORT CHIP			
R6203	1-249-385-11	CARBON	2.2	5%	1/4W	△ R6500	1-220-926-81	FUSIBLE	0.47	10%	1/2W
R6250	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6501	1-218-831-11	METAL CHIP	220	0.50%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6502	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R6601	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6503	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R6602	1-249-403-11	CARBON	68	5%	1/4W
R6504	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R6603	1-249-403-11	CARBON	68	5%	1/4W
R6505	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R6604	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6506	1-218-878-11	METAL CHIP	20K	0.50%	1/10W	R6605	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6507	1-245-118-91	METAL CHIP	2.2M	0.50%	1/10W	R6606	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6508	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R6607	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6509	1-216-809-11	METAL CHIP	100	5%	1/10W	R6609	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6510	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6619	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6517	1-216-809-11	METAL CHIP	100	5%	1/10W	R6632	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6521	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6633	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6522	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	 R6700	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6523	1-208-846-11	METAL CHIP	470K	0.50%	1/10W	R6701	1-216-809-11	METAL CHIP	100	5%	1/10W
R6524	1-218-891-11	METAL CHIP	68K	0.50%	1/10W	R6702	1-216-809-11	METAL CHIP	100	5%	1/10W
R6525	1-218-883-11	METAL CHIP	33K	0.50%	1/10W	R6703	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6526	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6704	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6527	1-218-907-11	METAL CHIP	330K	0.50%	1/10W	R6705	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6528	1-218-907-11	METAL CHIP	330K	0.50%	1/10W	R6707	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6529	1-216-809-11	METAL CHIP	100	5%	1/10W	R6708	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6531	1-246-388-11	METAL	0.1	5%	5W	R6714	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6533	1-246-388-11	METAL	0.1	5%	5W	R6715	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6534	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6716	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6541	1-208-820-11	METAL CHIP	39K	0.50%	1/10W	R6720	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6542	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6721	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6543	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6722	1-218-893-11	METAL CHIP	82K	0.50%	1/10W
R6544	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6723	1-218-841-11	METAL CHIP	560	0.50%	1/10W
R6545	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6725	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6546	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6726	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
R6547	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6727	1-245-118-91	METAL CHIP	2.2M	0.50%	1/10W
R6548	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6728	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6561	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R6730	1-218-857-11	METAL CHIP	2.7K	0.50%	1/10W
R6564	1-215-882-00	METAL OXIDE	22	5%	2W	R6733	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6565	1-215-882-00	METAL OXIDE	22	5%	2W	R6736	1-216-864-11	SHORT CHIP			
R6568	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6747	1-218-909-11	METAL CHIP	390K	0.50%	1/10W
R6569	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6750	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6571	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R6751	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
 R6572	1-216-603-11	METAL CHIP	10	0.50%	1/10W	R6752	1-218-829-11	METAL CHIP	180	0.50%	1/10W
 R6573	1-216-603-11	METAL CHIP	10	0.50%	1/10W	R6754	1-218-825-11	METAL CHIP	120	0.50%	1/10W
R6574	1-249-405-11	CARBON	100	5%	1/4W	R6755	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6575	1-249-405-11	CARBON	100	5%	1/4W	R6756	1-218-825-11	METAL CHIP	120	0.50%	1/10W
R6576	1-243-550-71	METAL OXIDE	6.8	5%	2W	R6757	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6577	1-243-550-71	METAL OXIDE	6.8	5%	2W	R6758	1-218-825-11	METAL CHIP	120	0.50%	1/10W
R6578	1-208-806-11	METAL CHIP	10K	0.50%	1/10W	R6762	1-218-825-11	METAL CHIP	120	0.50%	1/10W
R6579	1-216-839-11	METAL CHIP	33K	5%	1/10W	R6763	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6600	1-216-049-11	RES-CHIP	1K	5%	1/10W	R6764	1-218-825-11	METAL CHIP	120	0.50%	1/10W

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IP5Z

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES
R6766	1-216-864-11	SHORT CHIP						ACESSÓRIOS E EMBALAGEM	
R6768	1-218-823-11	METAL CHIP	100	0.50%	1/10W				
R6771	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	*	4-041-997-01	SACO PLASTICO 230X370	
R6773	1-216-833-11	METAL CHIP	10K	5%	1/10W		2-678-265-01	MANTA DE PROTEÇÃO	
R6776	1-216-864-11	SHORT CHIP						(APENAS KLV-40V410A)	
						*	3-287-548-11	SACO MANTA DO PEDESTAL	
R6779	1-218-871-11	METAL CHIP	10K	0.50%	1/10W				
R6783	1-218-883-11	METAL CHIP	33K	0.50%	1/10W	*	4-105-512-02	CAIXA DE EMBALAGEM (40V)	
R6786	1-216-829-11	METAL CHIP	4.7K	5%	1/10W			(APENAS KLV-40V410A)	
R6789	1-218-887-11	METAL CHIP	47K	0.50%	1/10W		4-105-253-01	CAIXA DE EMBALAGEM (40W)	
R6790	1-218-895-11	METAL CHIP	100K	0.50%	1/10W			(APENAS KLV-40W410A)	
						*	3-452-142-02	CAIXA DE EMBALAGEM (46V)	
R6791	1-218-823-11	METAL CHIP	100	0.50%	1/10W			(APENAS KLV-46V410A)	
R6792	1-218-905-11	METAL CHIP	270K	0.50%	1/10W		3-874-798-01	CAIXA DE EMBALAGEM (46W)	
R6794	1-218-871-11	METAL CHIP	10K	0.50%	1/10W			(APENAS KLV-46W410A)	
R6795	1-216-841-11	METAL CHIP	47K	5%	1/10W	*			
R6796	1-218-823-11	METAL CHIP	100	0.50%	1/10W		4-105-255-01	CALÇO INFERIOR EPS (40AM/EM)	
						*		(APENAS KLV-40V410A/40W410A)	
R6797	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		3-452-144-01	CALÇO INFERIOR	
R6798	1-218-823-11	METAL CHIP	100	0.50%	1/10W			(APENAS KLV-46V410A/46W410A)	
R6799	1-216-845-11	METAL CHIP	100K	5%	1/10W		4-105-254-01	CALÇO SUPERIOR EPS (40AM/EM)	
△ R6804	1-249-381-11	CARBON	1	5%	1/4W			(APENAS KLV-40V410A/40W410A)	
R6805	1-216-793-11	METAL CHIP	4.7	5%	1/10W		3-452-143-01	CALÇO SUPERIOR	
								(APENAS KLV-46V410A/46W410A)	
R6809	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	*			
R6823	1-216-864-11	SHORT CHIP					3-452-150-41	GUIA RÁPIDO	
R6824	1-216-864-11	SHORT CHIP					4-030-895-01	JUNTA	
R6917	1-249-417-11	CARBON	1K	5%	1/4W			(APENAS KLV-46V410A/46W410A)	
R6918	1-249-417-11	CARBON	1K	5%	1/4W		3-452-149-42	MANUAL DE INSTRUÇÕES	
R6919	1-249-417-11	CARBON	1K	5%	1/4W	*			
R6920	1-249-417-11	CARBON	1K	5%	1/4W		3-879-887-21	PELÍCULA DE PROTEÇÃO (40/46EX1)	
R6921	1-218-911-11	METAL CHIP	470K	0.50%	1/10W	*		(APENAS KLV-40V410A/40W410A)	
							3-879-887-01	PELÍCULA DE PROTEÇÃO (40/46EX1)	
								(APENAS KLV-46V410A/46W140A)	
RELAY									
RY6000	1-755-395-11	RELAY (AC POWER)				*			
TRANSFORMER									
T6101	1-445-426-11	CONVERTER TRANSFORMER	(PIT)						
T6200	1-445-430-11	CONVERTER TRANSFORMER	(SBT)						
T6800	1-445-419-11	TRANSFORMER, DRIVE							
THERMISTOR									
TH6300	1-809-789-71	THERMISTOR, POSITIVE				*			
VARISTOR									
VD6000	1-804-996-21	VARISTOR							
VD6001	1-804-996-21	VARISTOR					3-874-795-01	BANDEJA	
								(APENAS KLV-46V410A/46W410A)	

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
MISCELÂNEOS				CONTROLE REMOTO			
	1-835-317-11	CABO DE FORÇA		*	Y-8286-366-B	CONTROLE REMOTO RM-YD023	
	2-580-608-01	SCREW, +PSW M5X16			4-H01-667-01	TAMPA DA PILHA (para RM-YD023)	
	(Estes parafusos servem para fixar o pedestal (base) à TV)						
	Por questão de segurança, a Sony recomenda que você utilize						
	somente os parafusos fornecidos com a TV.						
	ATENÇÃO: Estes parafusos não podem ser utilizados para fixar						
	esta TV em suportes de parede.						
	2-580-626-01	SCREW, SP 4-40 UNC					
	7-685-103-19	SCREW +P 2X5 TYPE2 NON-SLIT					
	2-650-770-11	PRENDEDOR DE CABOS					
	3-874-380-11	FITA (D4) ML					

APÊNDICE A: COMPONENTES CHAVE CODIFICADOS

Os componentes chave codificados desenvolvidos pela Sony Corporation contêm informações confidenciais e deverão ser manuseados sobre a obrigatoriedade de não divulgação de seu conteúdo, exceto por autorização da Sony Corporation (e/ou sua subsidiária).

É parte desse acordo e dessas instruções especiais que, toda vez que uma placa de circuito que contiver componentes codificados por reparada ou tiver componentes substituídos este processo deverá acontecer conforme descrito abaixo:

- 1) No manual de serviço as placas de circuito que contêm componentes codificados devem ser identificadas com um **quadro vermelho** e com o símbolo .
- 2) Somente as placas e componentes listados no manual de serviço devem ser utilizados para sua substituição / reparo.
- 3) É estritamente proibida a desmontagem, decodificação ou alteração dos componentes.
- 4) Qualquer placa substituída durante o serviço de reparo deve ter sido componente codificado recolocado em seu lugar original. O componente codificado defeituoso que for substituído DEVERÁ SER DESTRUÍDO. Não é permitido reaproveitar nenhuma placa.
- 5) Se uma placa de circuito indicada com o **quadro vermelho** e com o símbolo  estiver defeituosa:
 - a) se o produto estiver coberto pela garantia do fabricante, esta placa de circuito deverá RETORNAR À SONY, sem tentativas de reparos ou modificações.
 - b) se o produto NÃO estiver coberto pela garantia, esta placa de circuito defeituosa DEVERÁ SER IMEDIATAMENTE DESTRUÍDA.
- 5) Se o aparelho estiver destruído (for sucateado), a placa de circuito identificada com o **quadro vermelho** e o símbolo  neste manual DEVERÁ SER DESTRUÍDA.

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Product & Quality Division
JUNHO / 2008

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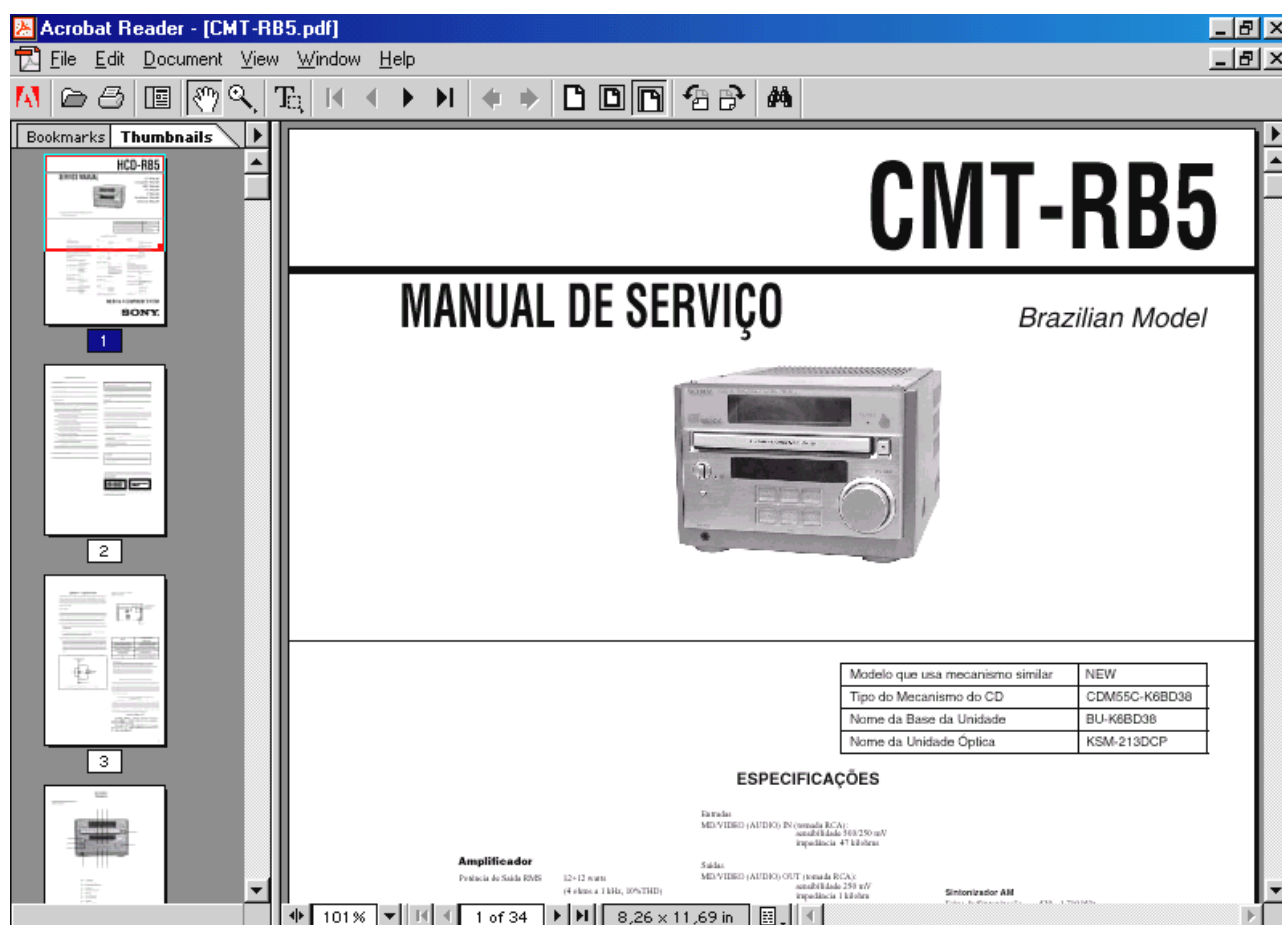


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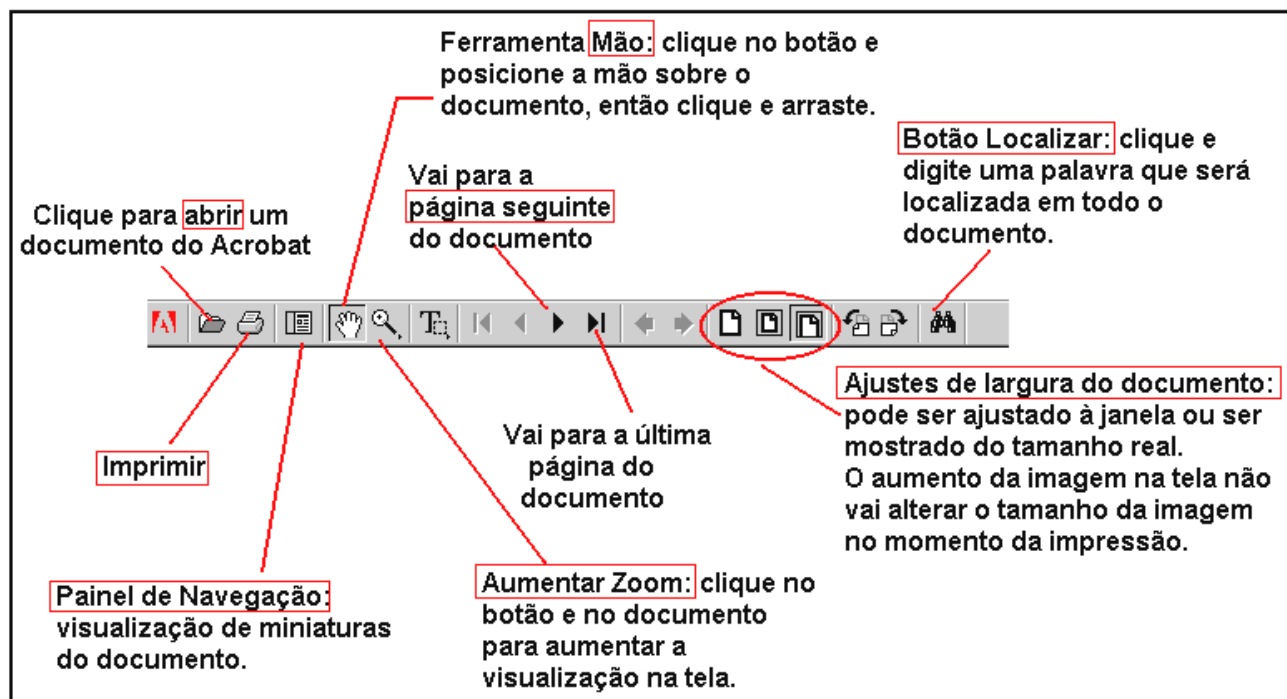


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Esta é a tela do programa, quando se abre um manual:



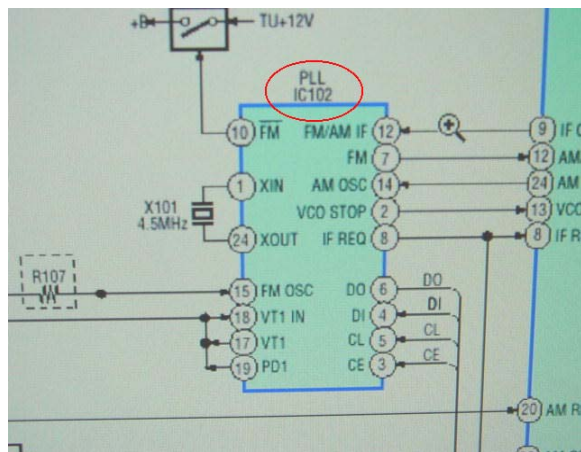
Barra de Comandos



Recurso de Localização de Componentes

Alguns manuais de serviço estão habilitados com uma função que permite localizar mais facilmente um circuito integrado (IC) em seu diagrama esquemático correspondente, diagrama em blocos ou placa de circuito impresso.

Para isso, abra um manual de serviço, por exemplo o do MHC-DX30 e visualize uma página da lista de peças elétricas, onde existam alguns IC's listados. Ao posicionar o ponteiro do mouse sobre a linha onde está um IC, sobre sua localização, ou valor, você vai verificar que aparece uma "mãozinha", na verdade, o dedo indicador que fica apontando a linha. Se você der um clique, você será levado pelo programa à página do diagrama esquemático onde se encontra o referido IC que você selecionou. Vamos ilustrar o que foi explicado logo a seguir:



Abra a página correspondente ao diagrama em bloco e posicione o ponteiro do mouse sobre o IC escolhido. Quando o cursor tornar-se uma "mãozinha" dê um clique sobre o IC.

- O painel de navegação serve para agilizar o acesso a outras páginas que não estão sendo visualizadas. Para visualizar uma dessas miniaturas em seu tamanho normal, basta clicar duas vezes sobre ela e então esta será exibida na tela.
- Não é possível alterar texto, figuras ou qualquer item do documento no Acrobat Reader 5.0. Este programa é usado somente para visualização e impressão de documentos PDF.
- Diagramas e demais folhas do documentos PDF só poderão ser impressos em tamanho maior caso a impressora suporte papel com dimensão superior ao A4, carta ou semelhante. Do contrário só poderá ser impresso no tamanho A4 padrão.

Engenharia da Qualidade – Novembro 2003

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Orientação de Impressão no Acrobat Reader 5.05



Acrobat® Reader™ 5.0
Saiba mais no endereço www.brasil.adobe.com/acrobat

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Dê o primeiro passo! Adquira o Acrobat 5.0 e:

- Converta facilmente os documentos para Adobe PDF
- Compartilhe comentários e aprove ou proteja documentos com eficiência

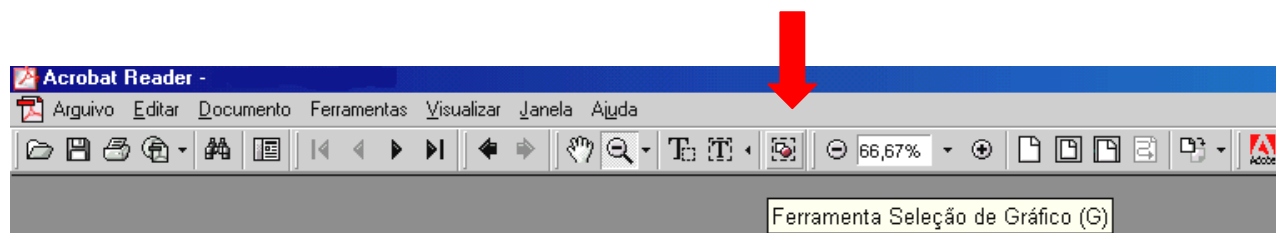
E muito mais!

É possível imprimir alguns quadros pré-selecionados de forma ampliada no Acrobat Reader. Esse comando é muito útil quando é necessária fazer a impressão de diagramas elétricos.

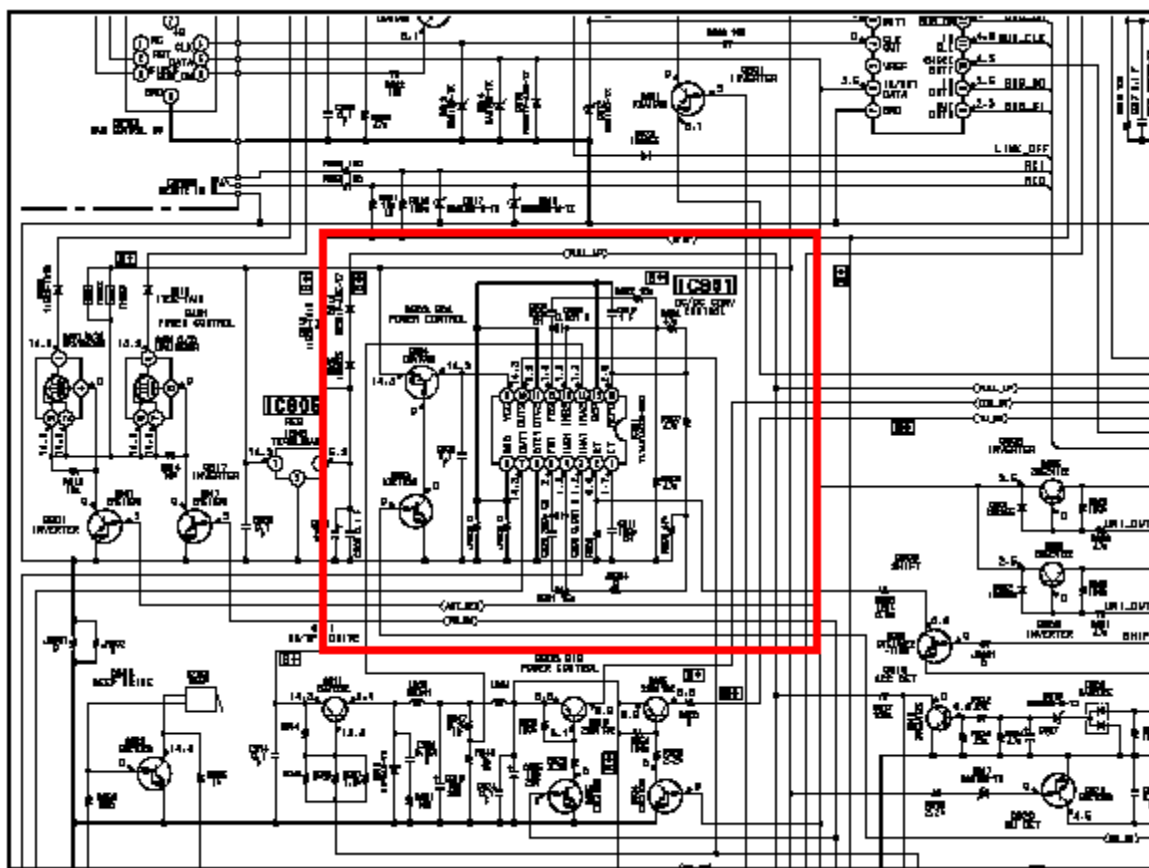
A sequência abaixo mostra, passo a passo como selecionar uma parte de uma folha qualquer (nesse exemplo usaremos um diagrama elétrico) e configurar sua impressão.

Temos no Acrobat Reader a barra abaixo. Leve o cursor do mouse até o botão indicado pela seta e fique pressionando o botão do mouse.

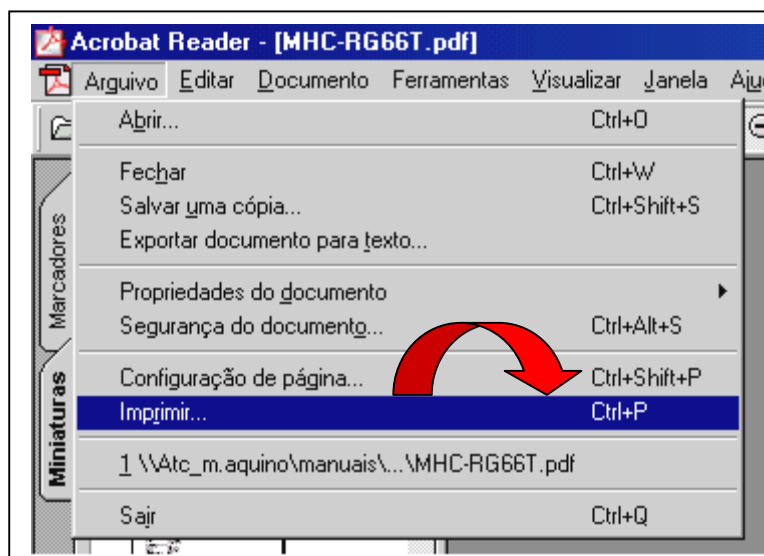
Segurando o botão uma barra oculta aparecerá, então expanda conforme abaixo. O botão final a ser clicado para que o comando seja selecionado é o da **FERRAMENTA DE SELEÇÃO DE GRÁFICO (G)**



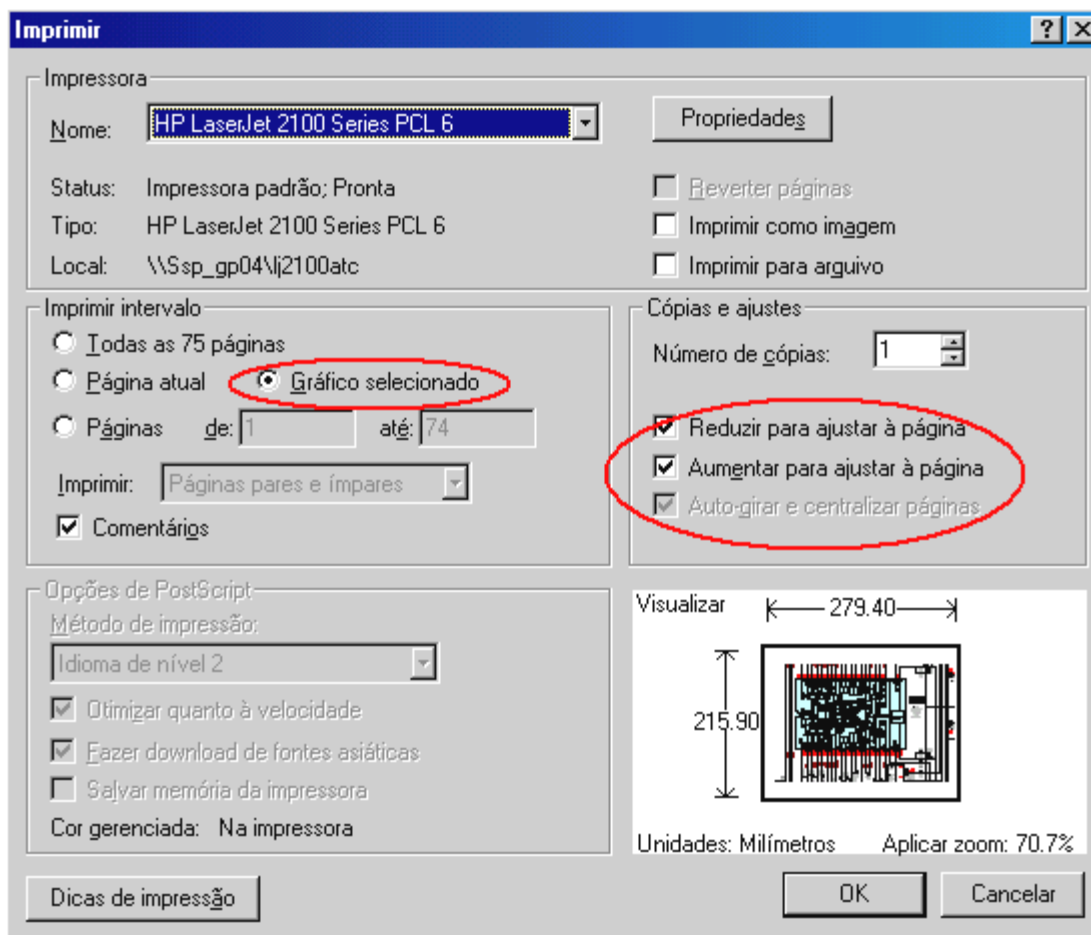
Agora com o cursor selecione uma área do diagrama que deseja imprimir de forma ampliada. A área escolhida nesse exemplo é o quadrado de linhas espessas.



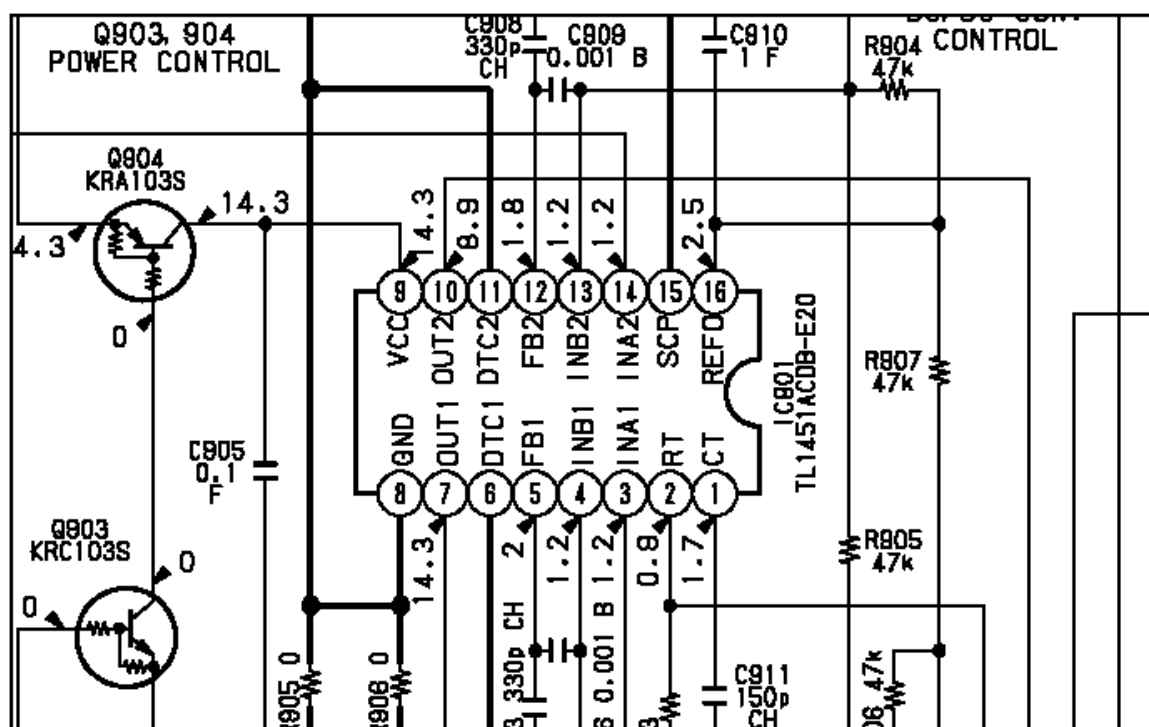
Agora vá até o menu de impressão seguindo o procedimento a seguir, clicando em **IMPRIMIR**, indicado pela seta:



Na janela que se abre verifique se as opções indicadas em vermelho (circuladas) estão habilitadas. Assim, quando imprimir a área do gráfico, esta parte será expandida por toda a folha de papel A4.



Após a impressão verificamos que o diagrama ficou realmente ampliado, conforme exemplo:



Notas

O mesmo procedimento pode ser repetido para outras páginas dos manuais, como lista de peças, bem como pode ser utilizado papel tamanho A3 (420 x 297 mm) para impressoras que suportem esse formato.

Outros comandos podem ser encontrados no “**Guia de Comandos Básicos do Acrobat Reader**”, que também consta neste CD e em anteriores.

Lembramos novamente que não é possível alterar texto, figuras ou qualquer item do documento no Acrobat Reader 5.05. Este programa é usado somente para visualização e impressão de documentos PDF.

Mais informações podem ser obtidas em “**Ajuda**”.

Dúvidas e sugestões devem ser encaminhadas para **Teruaki** através do e-mails:



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