

MANUAL DE SERVIÇO

TELEVISORES LED

MODELOS : DL3277i(A)W / DL3977i(A)F / DL3975i(A)W

ESPECIFICAÇÕES

Tensão de rede: ----- 110 - 220V ~ (60 Hz) automático.

Consumo -----DL3277i(A)W ----- Stand by ----- < 1,0 Watt
 Médio ----- 44 Watts
 DL3977i(A)F ----- Stand by ----- < 1,0 Watt
 Médio ----- 65 Watts
 DL3975i(A)W ----- Stand by ----- < 1,0 Watt
 Médio ----- 65 Watts

Sintonizador Analógico / Digital

Impedância de entrada de antena:----- 75 ohm-tipo desbalanceada para VHF/UHF

Impedância de entrada de cabo:----- 75 ohm-tipo desbalanceada para CABO

Sintonizador:----- Circuito de recepção discreto

Sistema de sintonia----- F.S. (Frequency synthesizer)-PLL

Sistema de televisão:----- Padrão M -525 linhas

Faixa de frequência de recepç 54M Hz a 864 MHz

Frequência intermediária (sinal digital):----- 44M Hz

Frequências intermediárias (sinal analógico):---Portadora de vídeo----- 45,75 MHz

Portadora de som ----- 41,25 MHz/ 4,5M Hz

Portadora de crom a----- 42,17 MHz

freqüências subportadoras de crom a (sinal analógico):----- 3,575611M Hz ---- (PALM)

3,582056 M Hz ---- (PALN)

3,579545 M Hz ---- (NTSC)

Potência de áudio (com sinal de entrada: -10dBm ou 600mVrms)---- 7.5W + 7.5W (RMS) / 8 ohms

Painel DL3277i(A)W

Código ----- RDL320HY(LD0-201) - Skyworth

Tipo: ----- TFT - Direct - LED

Resolução ----- 1366 x 768 pixels

Cor: ----- 16.7M (8bit/color)

Angulo de visão: ----- H:176°,V:176° (tip.)

Tempo de resposta: ----- 9 mseg

Taxa de contraste: ----- 1200:1 (min.)

Brilho: ----- 250 cd/m²

Painel DL3977i(A)F

Código ----- RDL390FY(QD0-301) - Skyworth

Tipo: ----- TFT - Direct - LED

Resolução ----- 1920 x 1080 pixels

Cor: ----- 16.7M (8bit/color)

Angulo de visão: ----- H:176°,V:176° (tip.)

Tempo de resposta: ----- 8 mseg

Taxa de contraste: ----- 3000:1 (min.)

Brilho: ----- 280 cd/m²

Painel DL3975i(A)W

Código ----- RDL390HY(QD0-301) - Skyworth

Tipo: ----- TFT - Direct - LED

Resolução ----- 1366 x 768 pixels

Cor: ----- 16.7M (8bit/color)

Angulo de visão: ----- H:176°,V:176° (tip.)

Tempo de resposta: ----- 8.5 mseg

Taxa de contraste: ----- 3000:1 (min.)

Brilho: ----- 280 cd/m²

Peso/ Dimensões(LxAxP):-----DL3277i(A)W ----- 6,24 Kg (c/ pedestal: 740 x 487 x 190 mm)

(s/ pedestal: 740 x 444 x 70 mm)

DL3977i(A)F ----- 10,36 Kg (c/ pedestal: 895 x 576 x 200 mm)

(s/ pedestal: 895 x 532 x 83 mm)

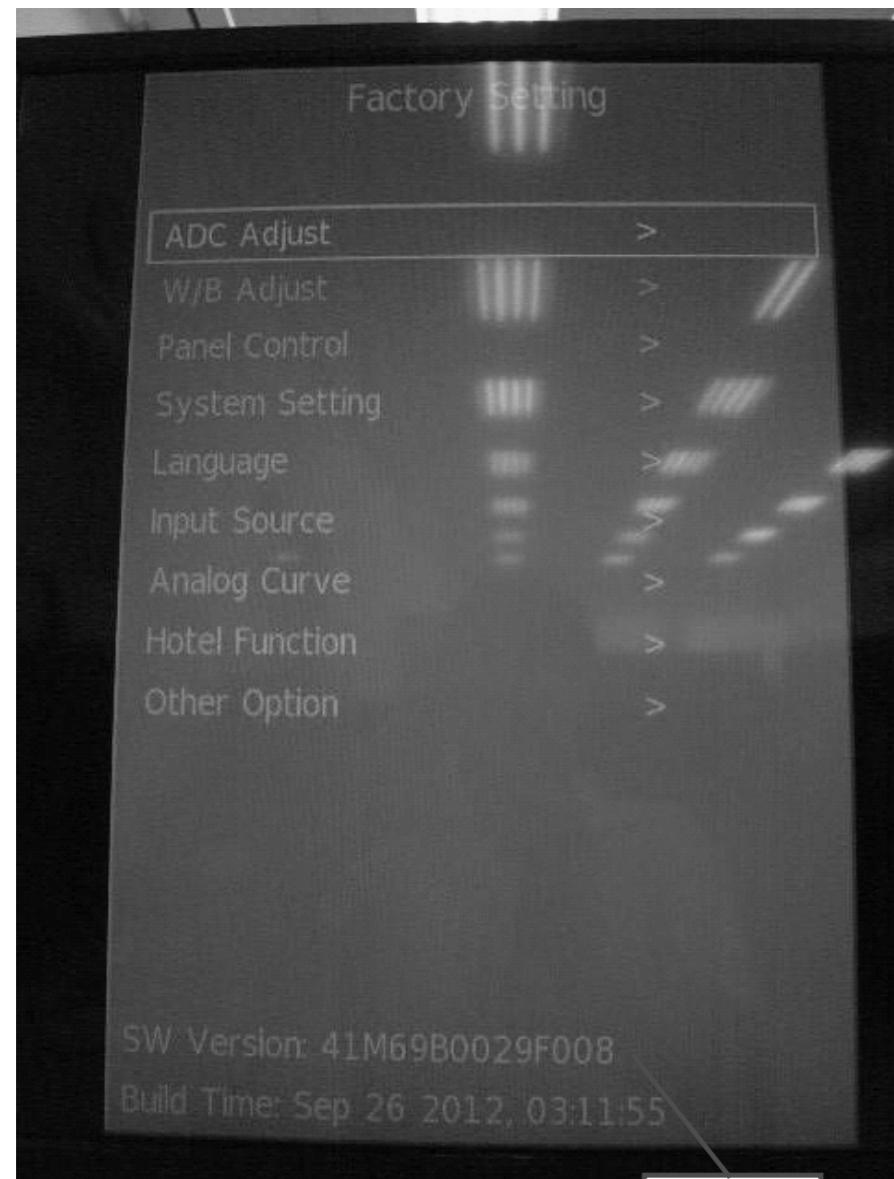
DL3975i(A)W ----- 10,36 Kg (c/ pedestal: 895 x 576 x 200 mm)

(s/ pedestal: 895 x 532 x 83 mm)

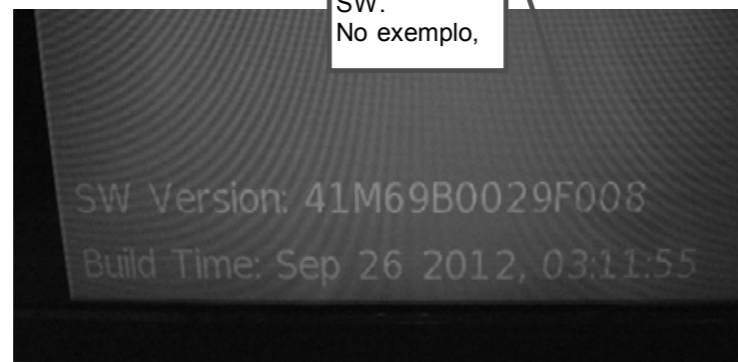
CHECAGEM

VERIFICAÇÃO DA VERSÃO DO SOFTWARE (Menu de Serviço).

Usando o Controle Remoto pressione INPUT, em seguida digite "3195". Esta opção abre o Menu de Fábrica do aparelho.



Versão do SW.
No exemplo,



INFORMAÇÕES UTEIS

DESBLOQUEIO DO APARELHO

Caso o cliente esquecer o código de bloqueio das entradas / classificação indicativa, entre com o código "9999" para desbloquear

TECLAS DE OPERAÇÃO DO MENU DE SERVIÇO

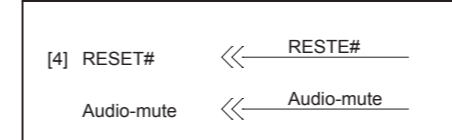
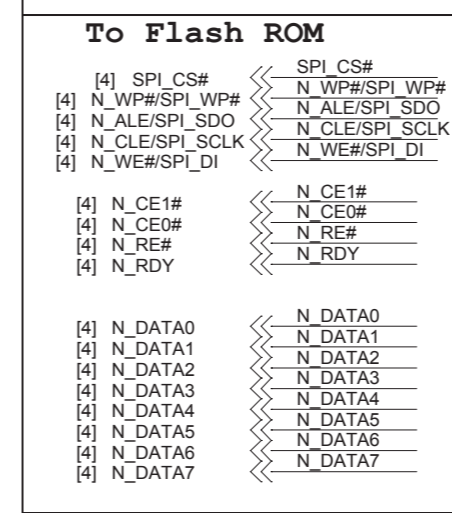
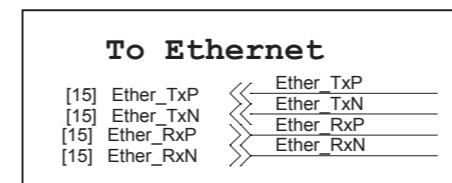
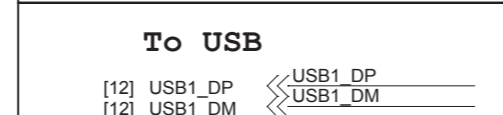
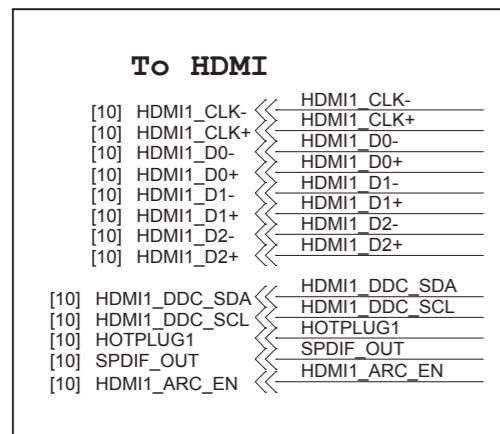
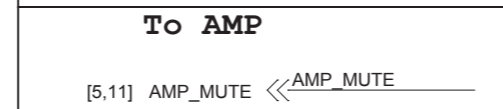
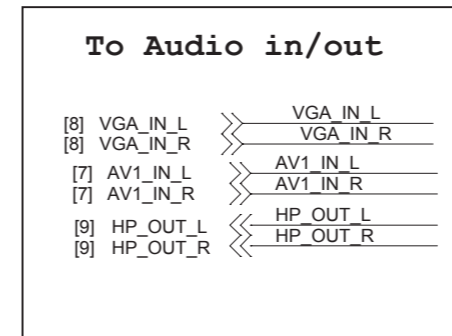
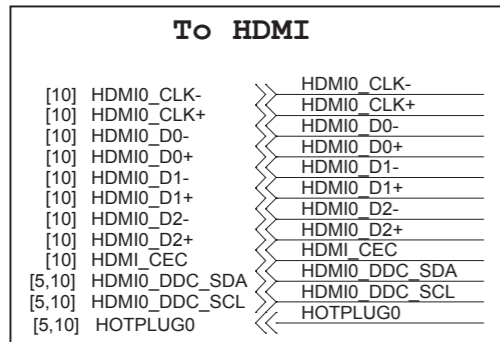
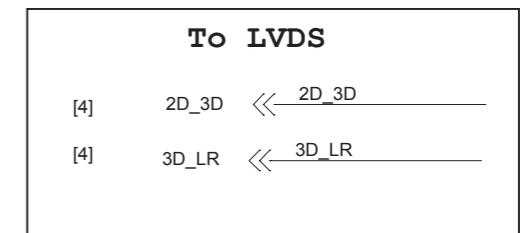
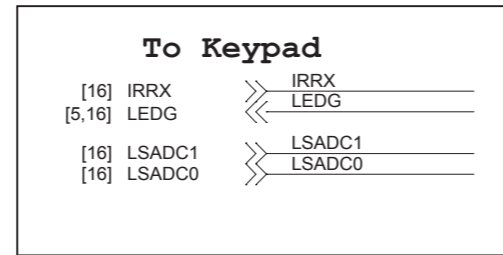
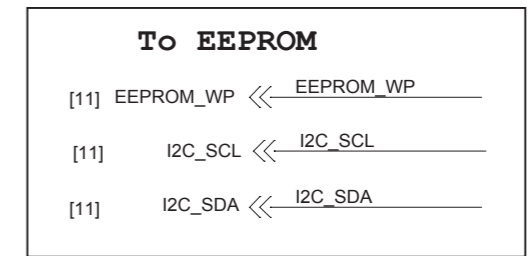
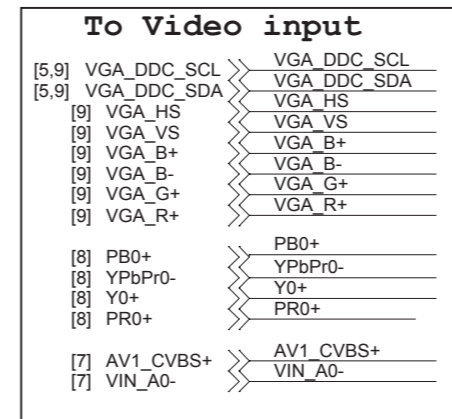
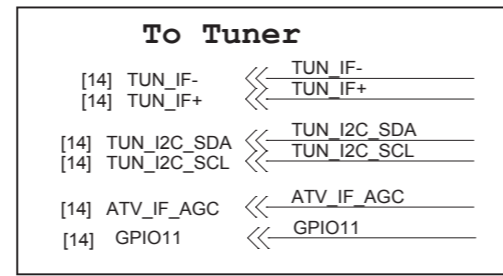
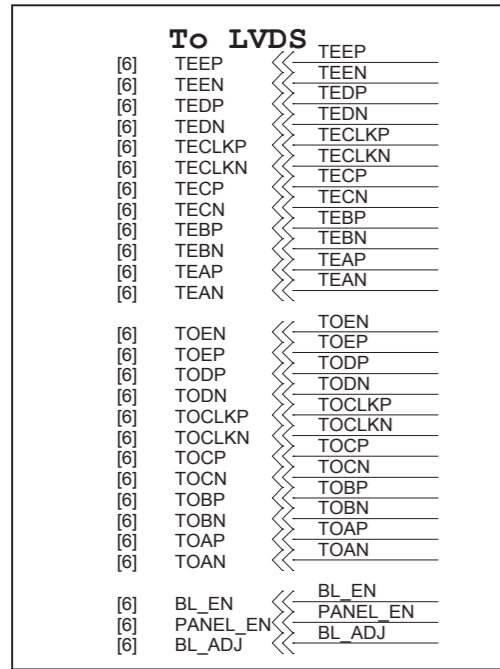
Utilize a tecla "Enter" para acessar os menus de serviço, tecla "Menu" para voltar 1 menu anterior e teclas ∇ Δ e para selecionar ou ajustar

ATUALIZAÇÃO DE SOFTWARE (SW PRINCIPAL + MBOOT CONJUGADO)

GRAVAÇÃO DO SOFTWARE (Via USB).

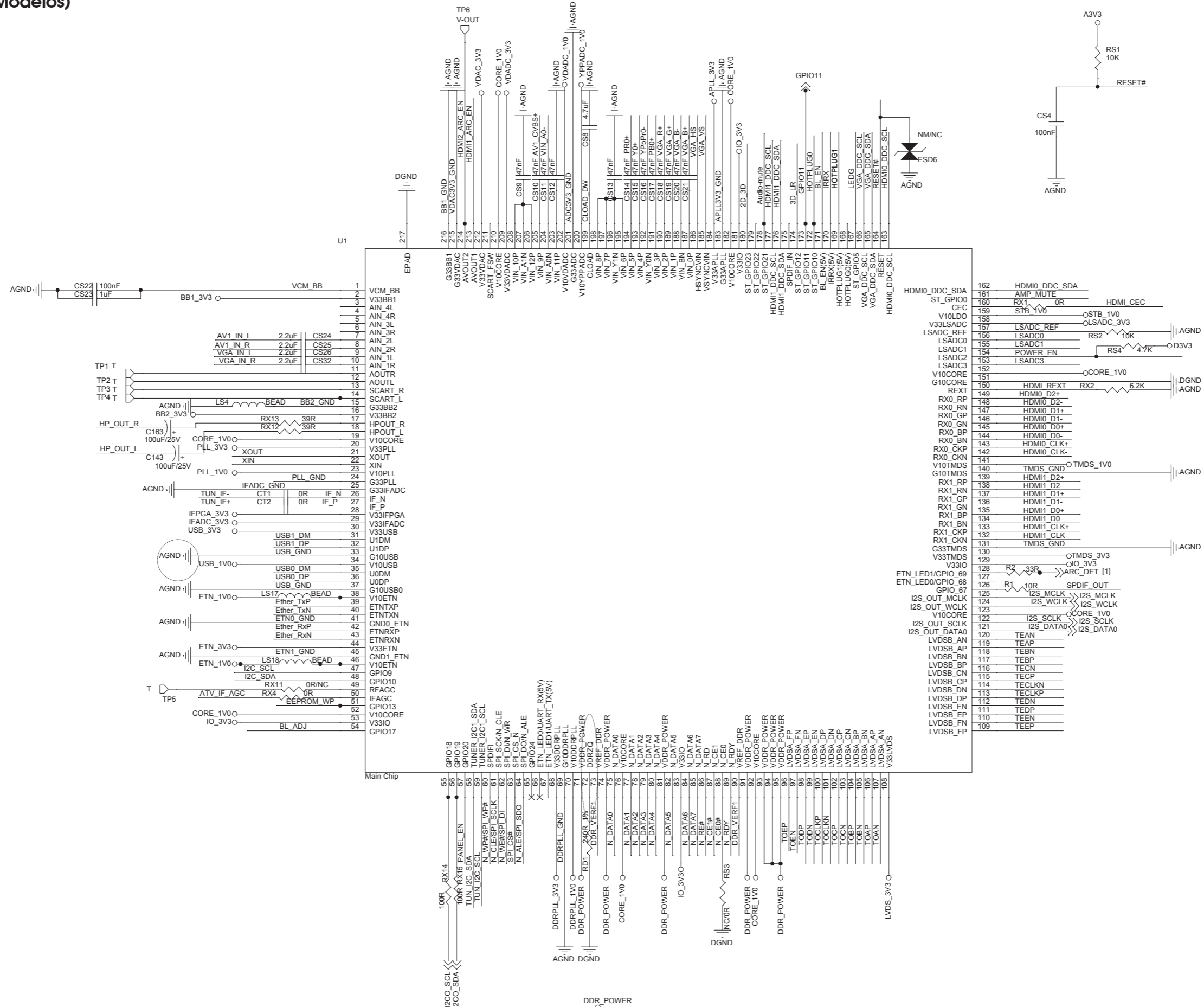
1. Deverá ser gravado o software a ser instalado na raiz (Não colocá - lo em pastas ou subpastas) de um dispositivo USB.
2. Conectar o dispositivo em uma das portas USB.
3. Deixar o aparelho desligado da tomada.
4. Pressionar a tecla Menu do TV e mantendo pressionada e conectar o cabo de força na tomada.
5. O LED começará a piscar e aparecerá uma tela azul com informações sobre a atualização.

Após a atualização deve-se fazer o "Factory Reset" e após isso desligar e ligar o TV da energia elétrica.



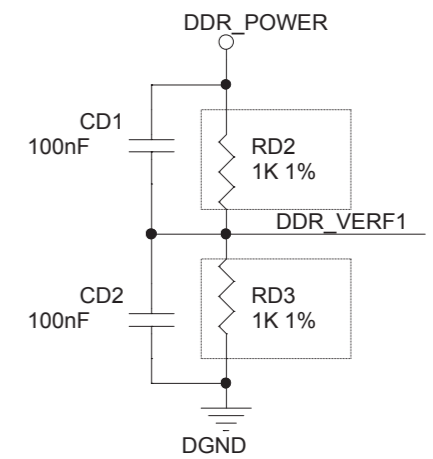
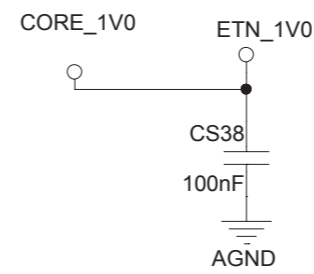
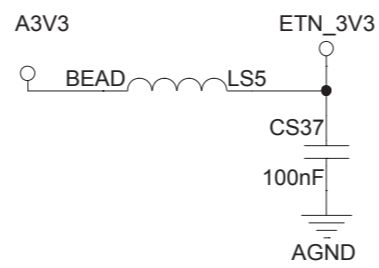
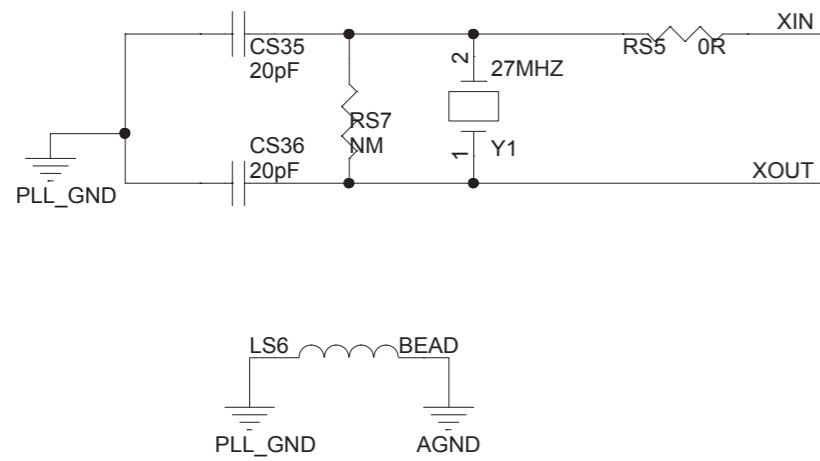
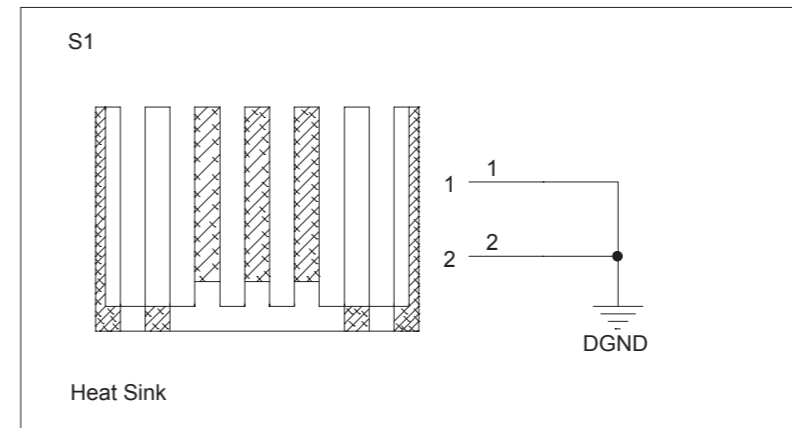
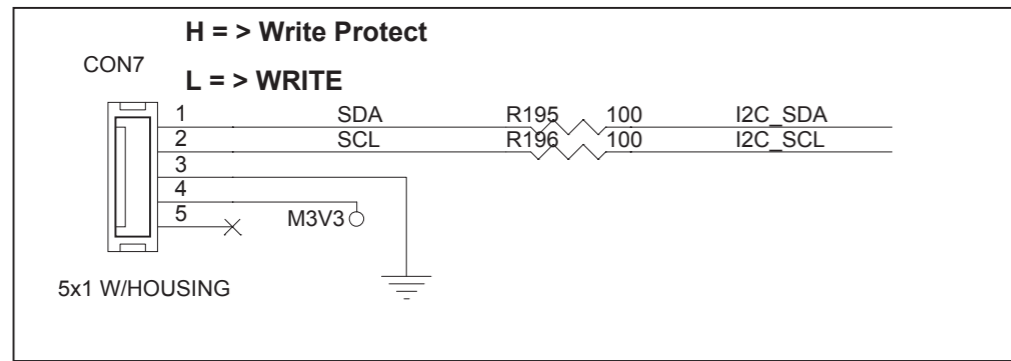
ESQUEMAS ELÉTRICOS

PCI Principal (Todos Modelos)



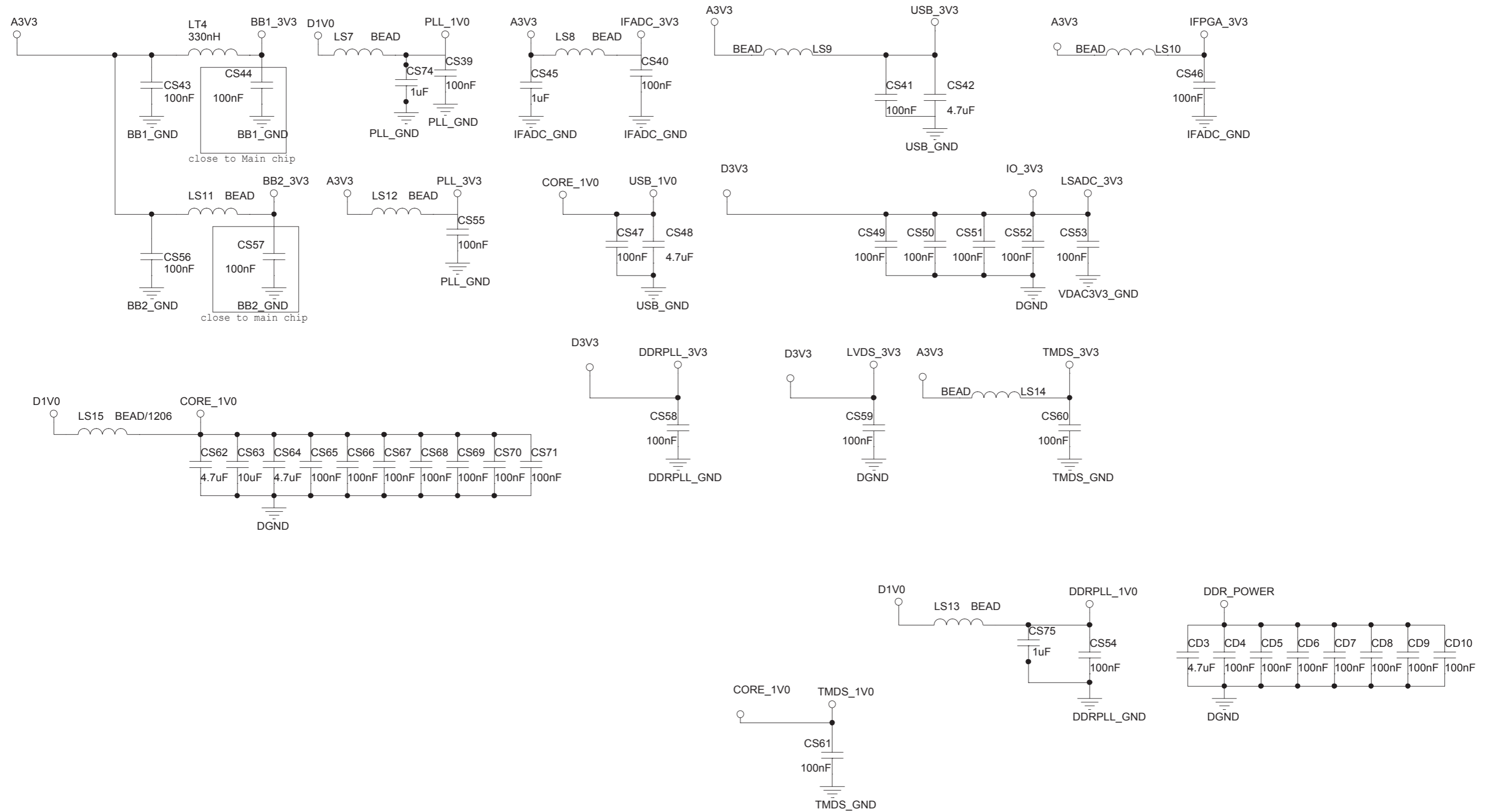
ESQUEMAS ELÉTRICOS

PCI Principal (Todos Modelos)



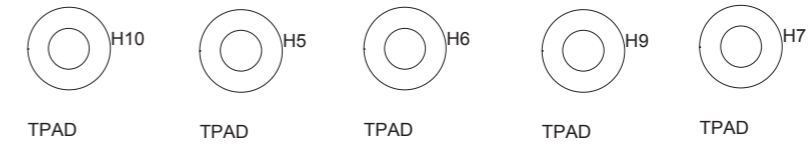
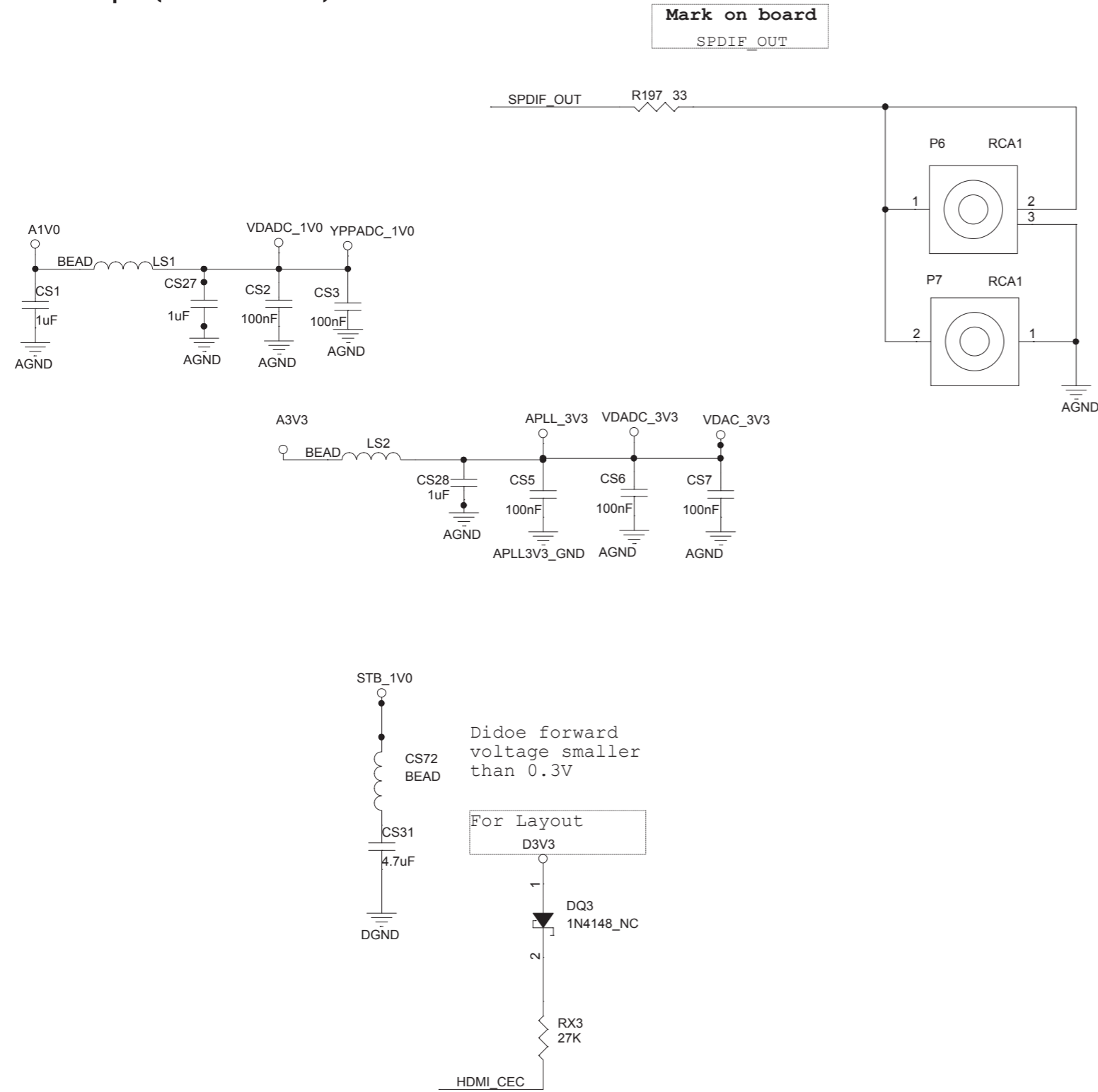
ESQUEMAS ELÉTRICOS

PCI Principal (Todos Modelos)



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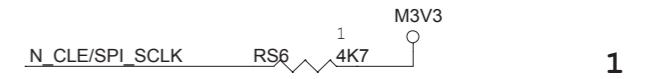
PCI Principal (Todos Modelos)



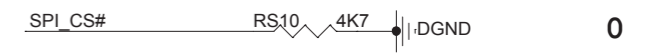
Power On Latch

Default

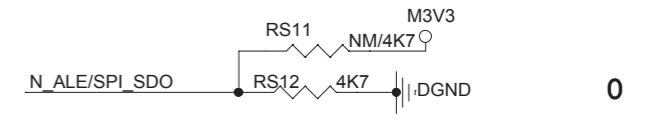
EJTAG (Pin 61, pull-hi)
0 : enable
1 : disable



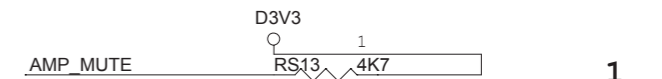
ROM boot (Pin 63, pull-lo)
0 : boot from ROM
1 : don't boot from ROM



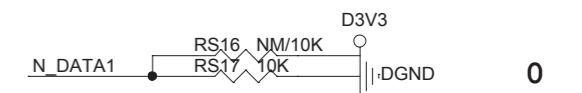
BOOT MODE bit1 (pin 64, pull-lo)
0 : SPI-Flash boot
1 : NAND-Flash boot



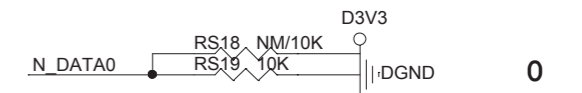
test mode (Pin 161, pull-hi)
0 : enable
1 : disable



NAND access type (Pin77)
0 : Sequence mode
1 : random mode

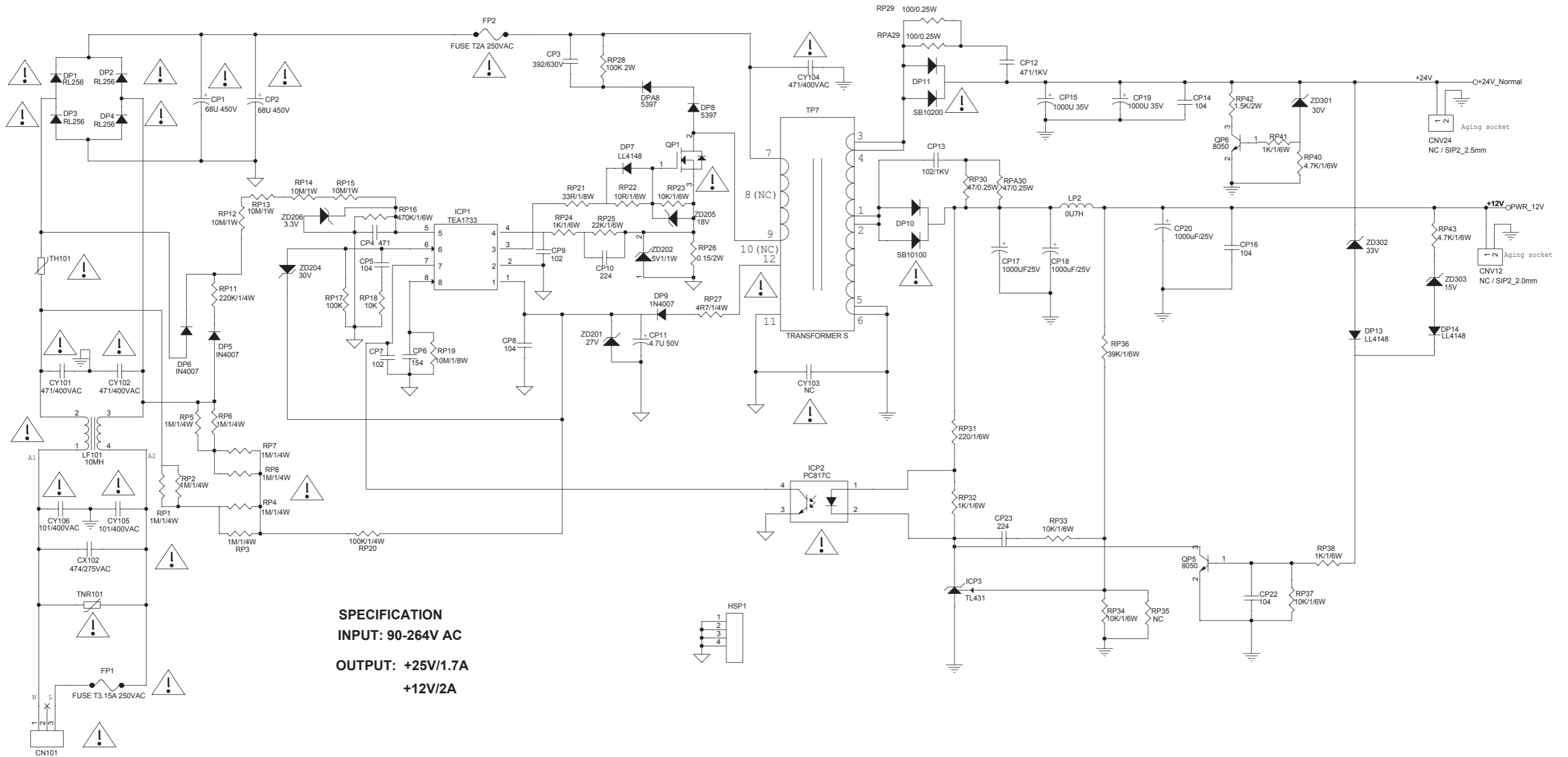


NAND ECC type (Pin75)
0 : 6 bit
1 : 12 bit



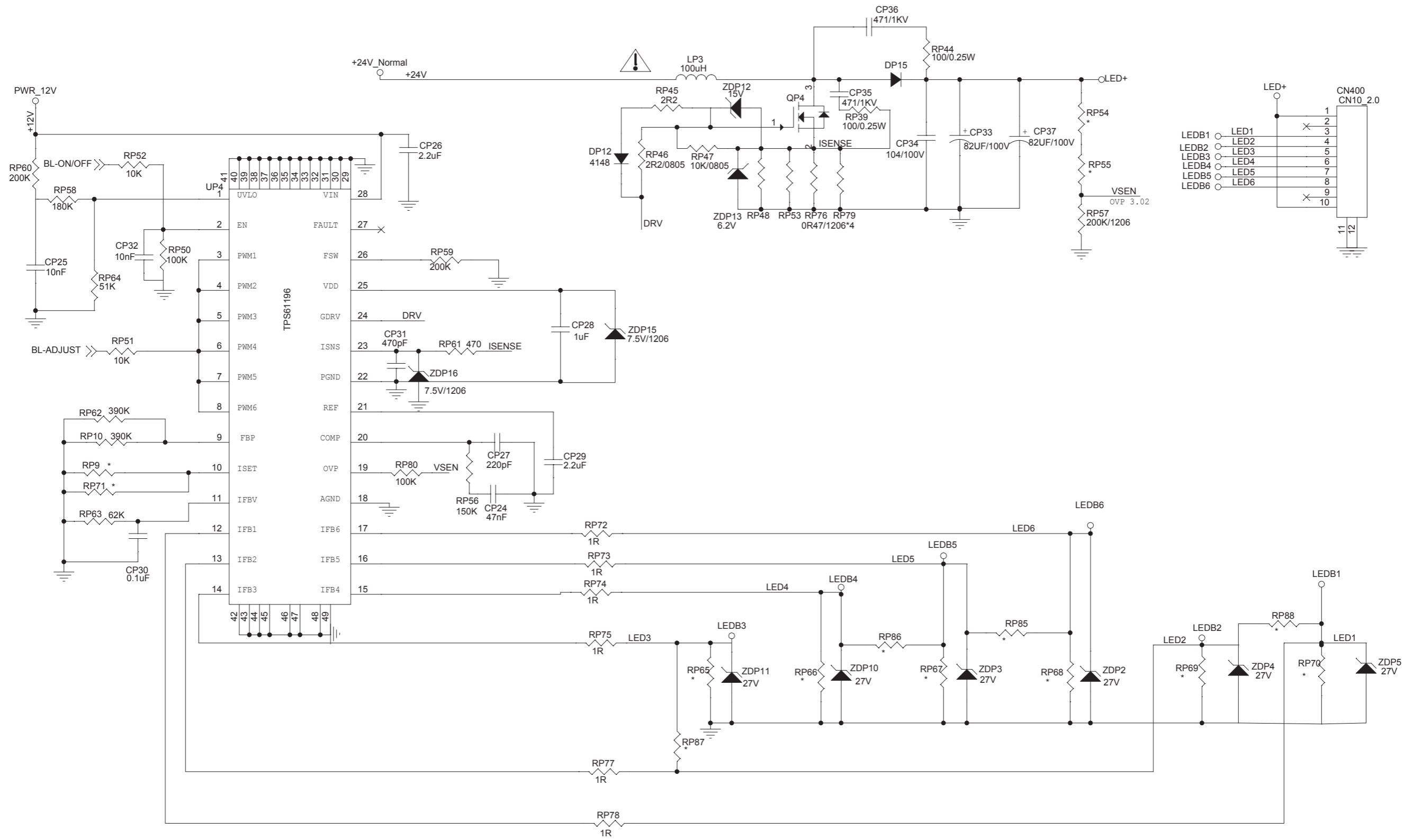
ESQUEMAS ELÉTRICOS

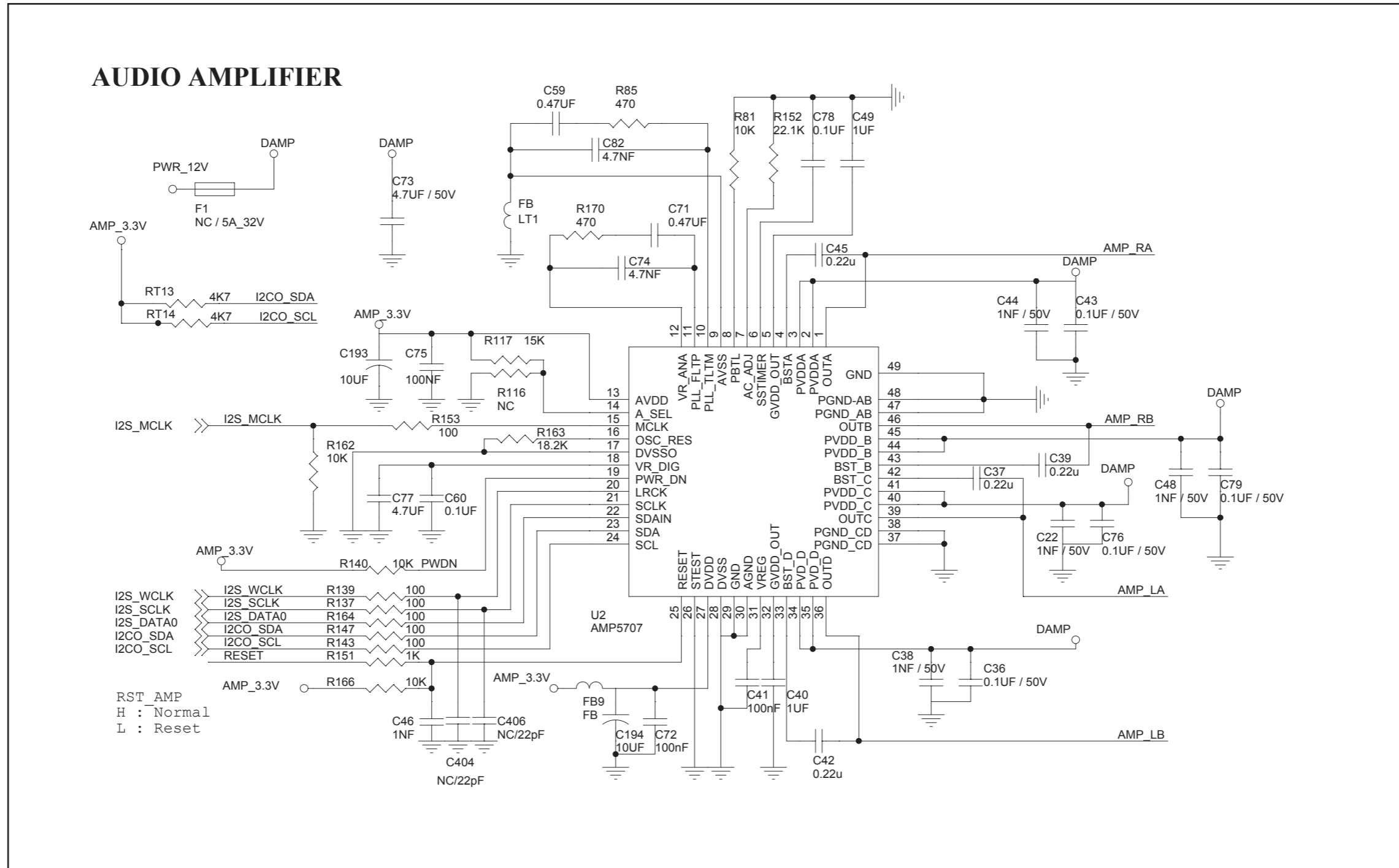
PCI Principal (Todos Modelos)



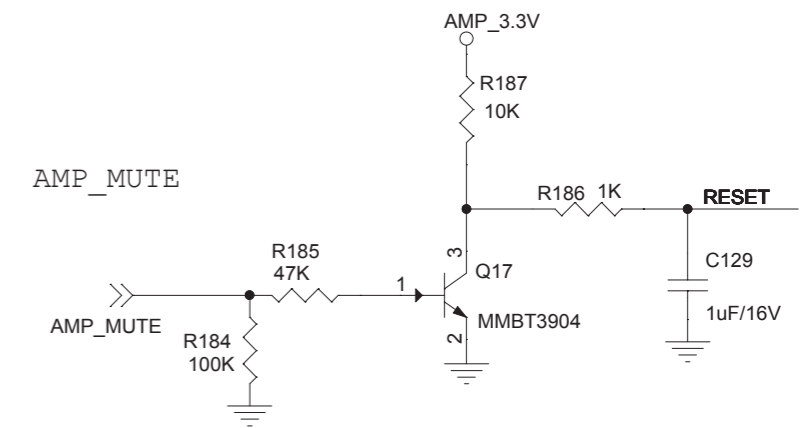
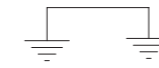
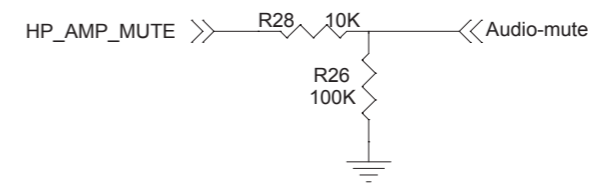
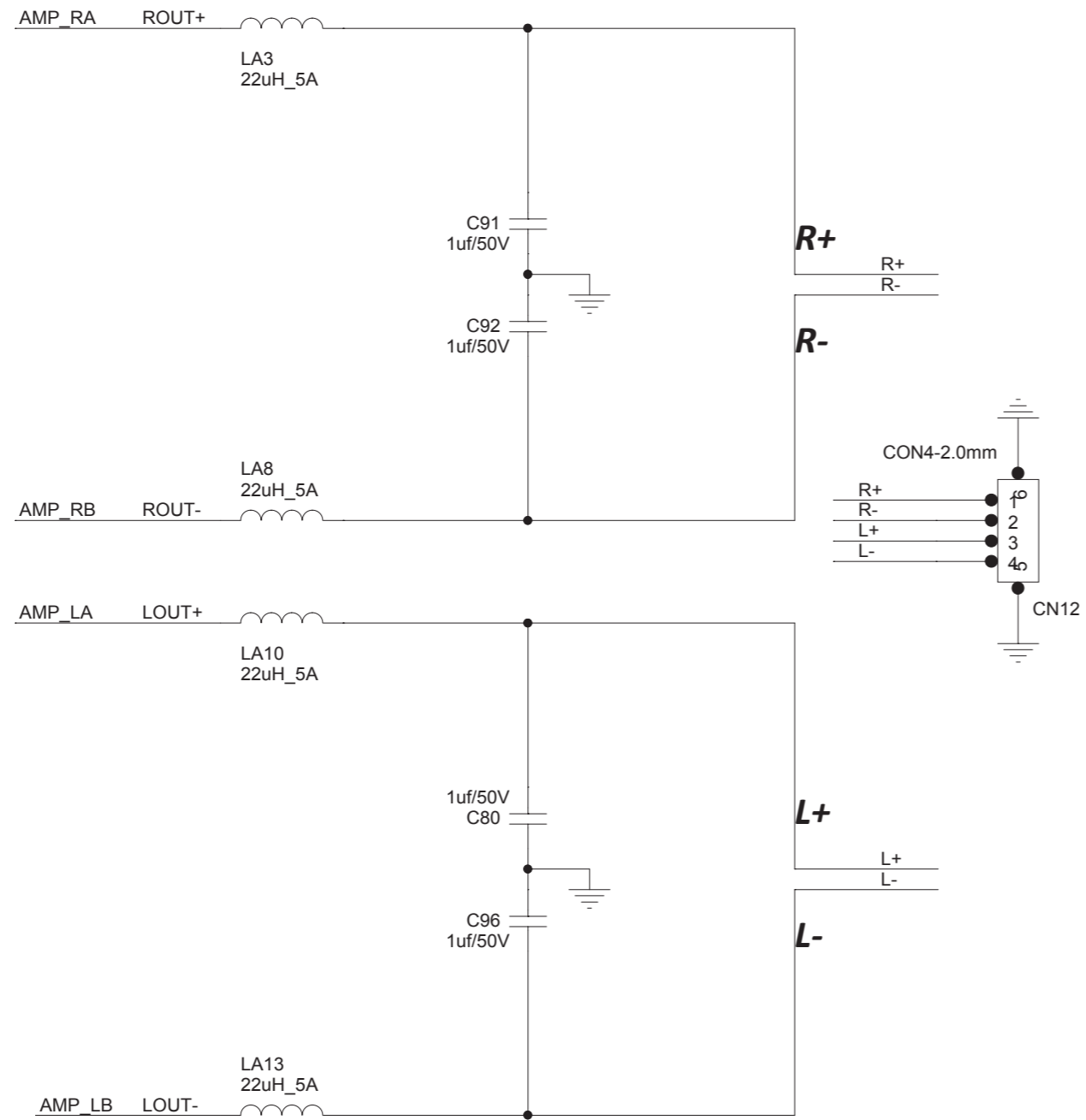
ESQUEMAS ELÉTRICOS

PCI Principal (Todos Modelos)



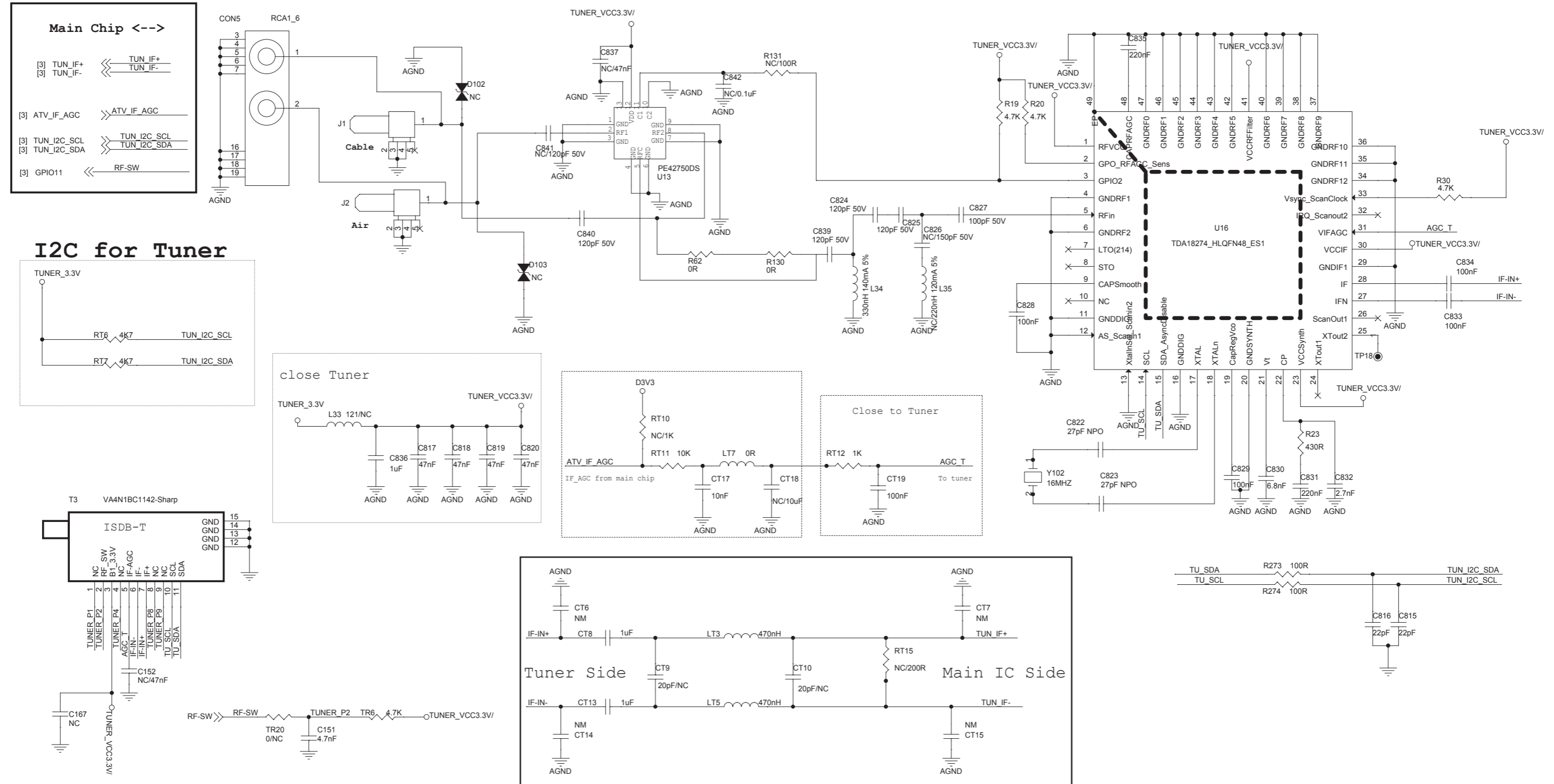


Cont. AUDIO AMPLIFIER



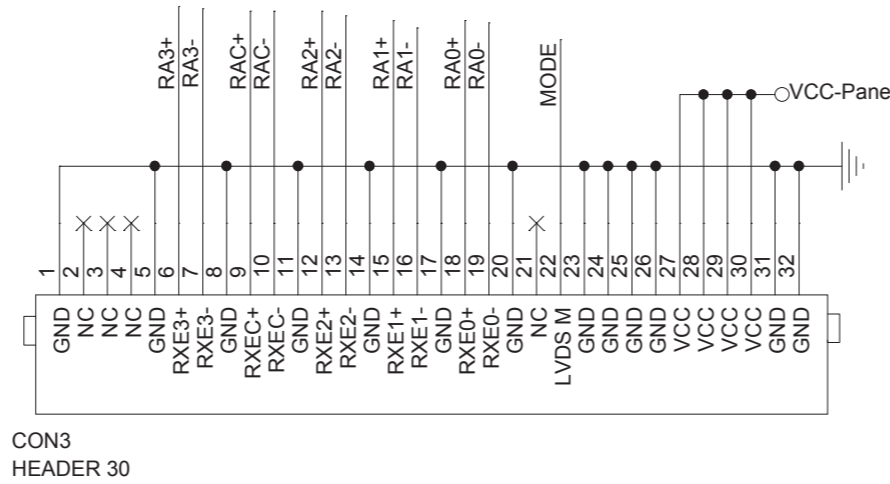
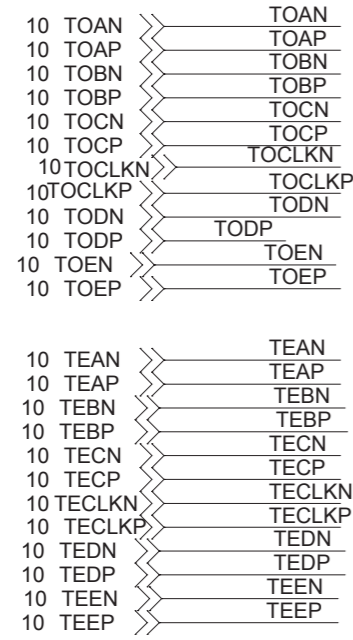
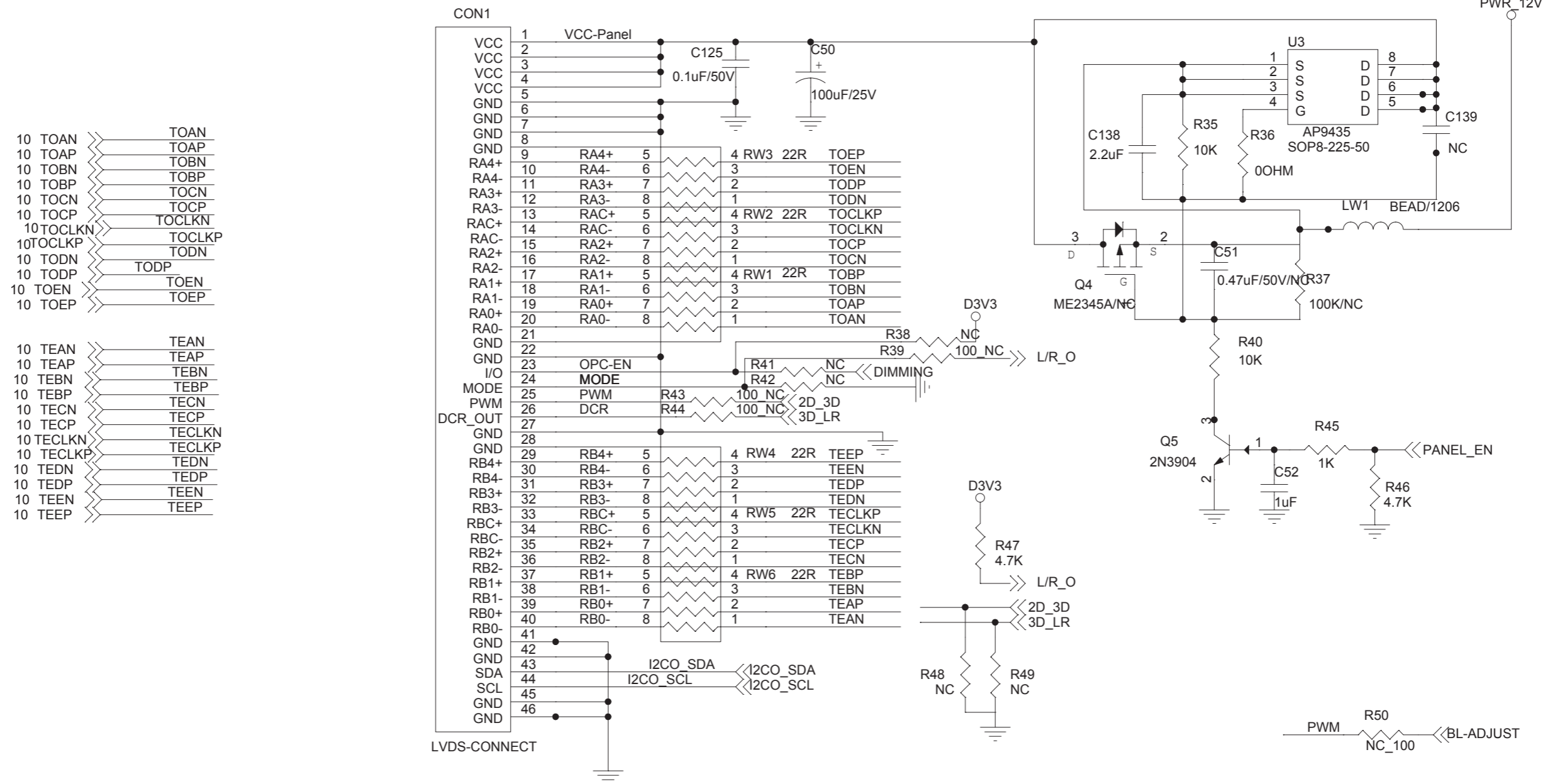
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PCI Principal (Todos Modelos)



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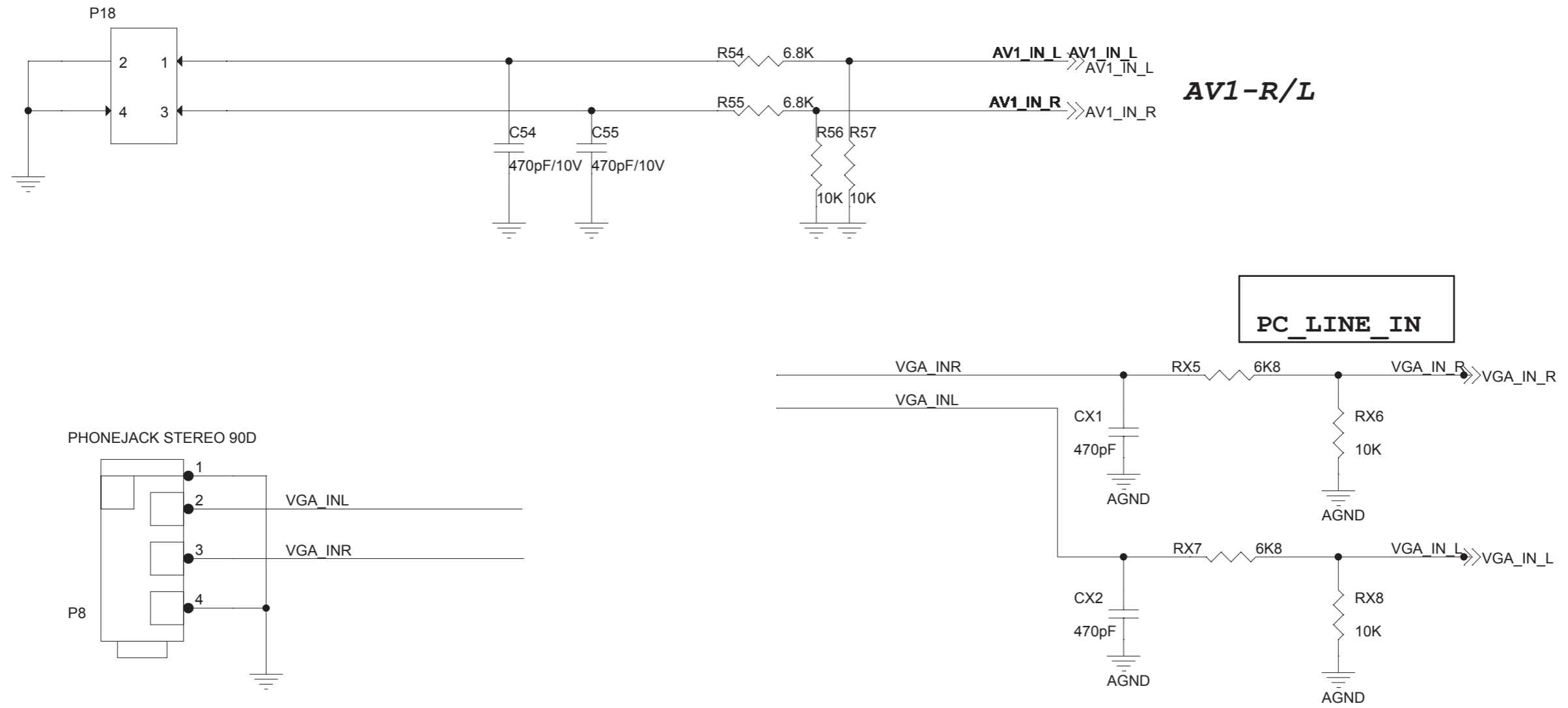


R39/R43/R44 FOR CMI 3D
 R41 FOR CMI 3D DIMMING
 R50 FOR LG BL_ADJ

DIMMING <<LSADC3

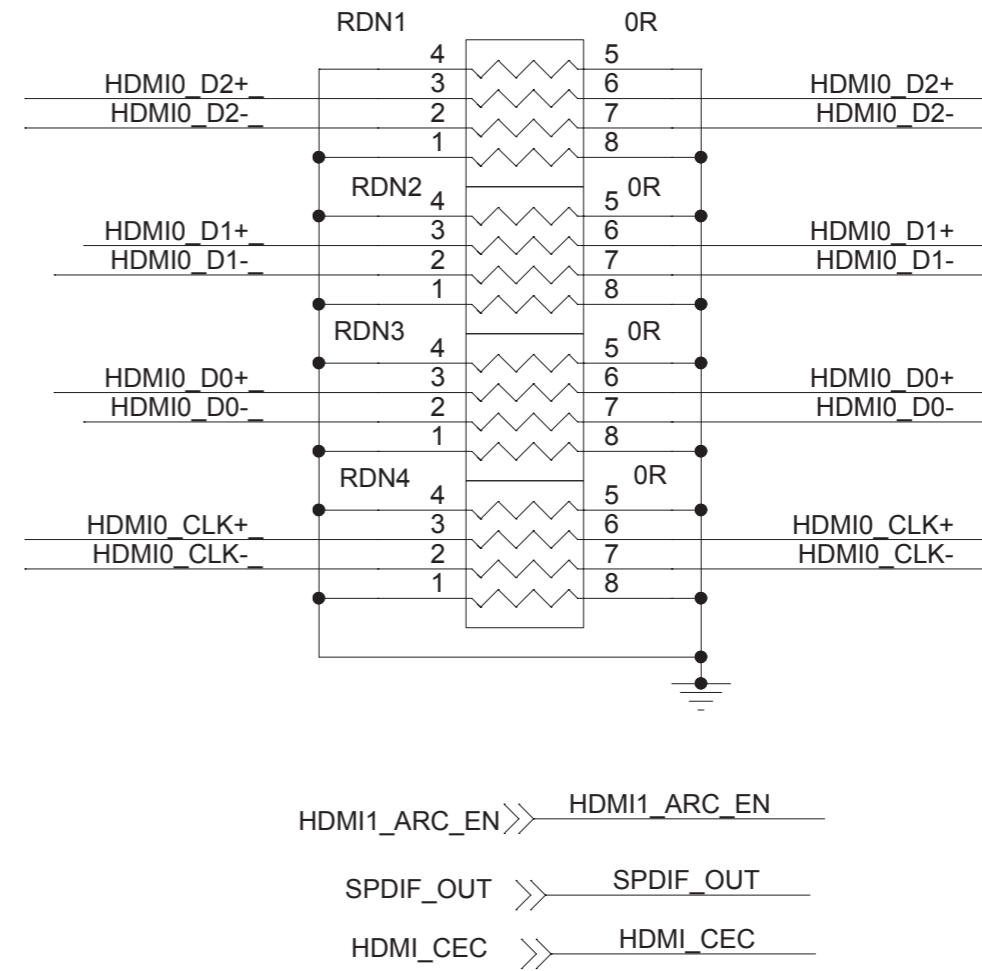
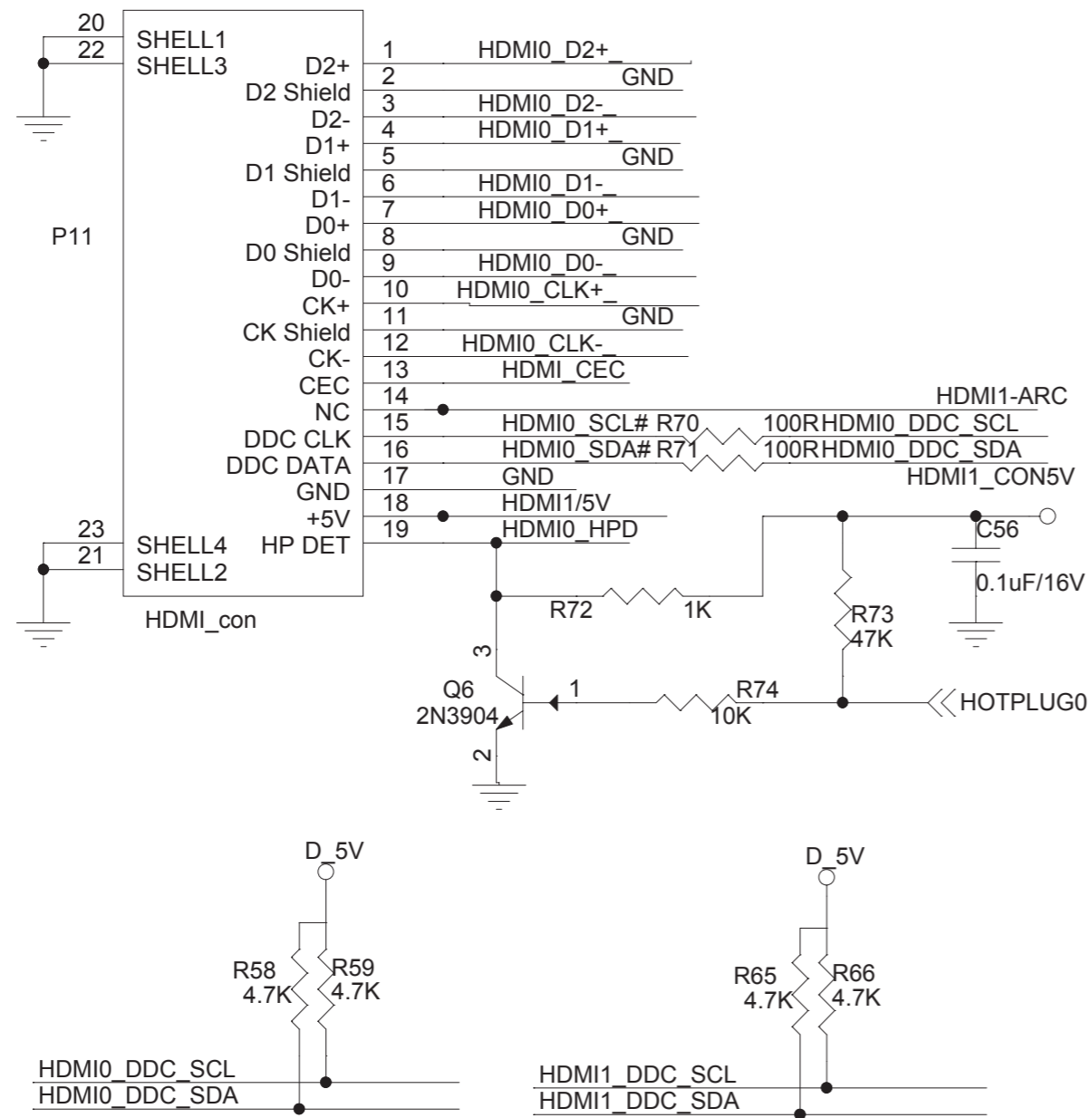
ESQUEMAS ELÉTRICOS

PCI Principal (Todos Modelos)



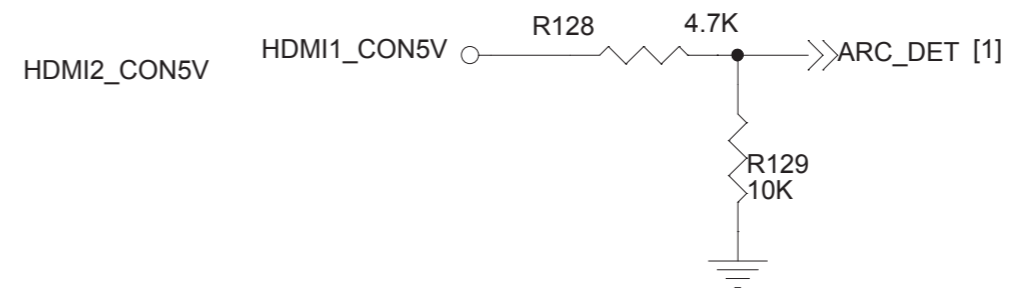
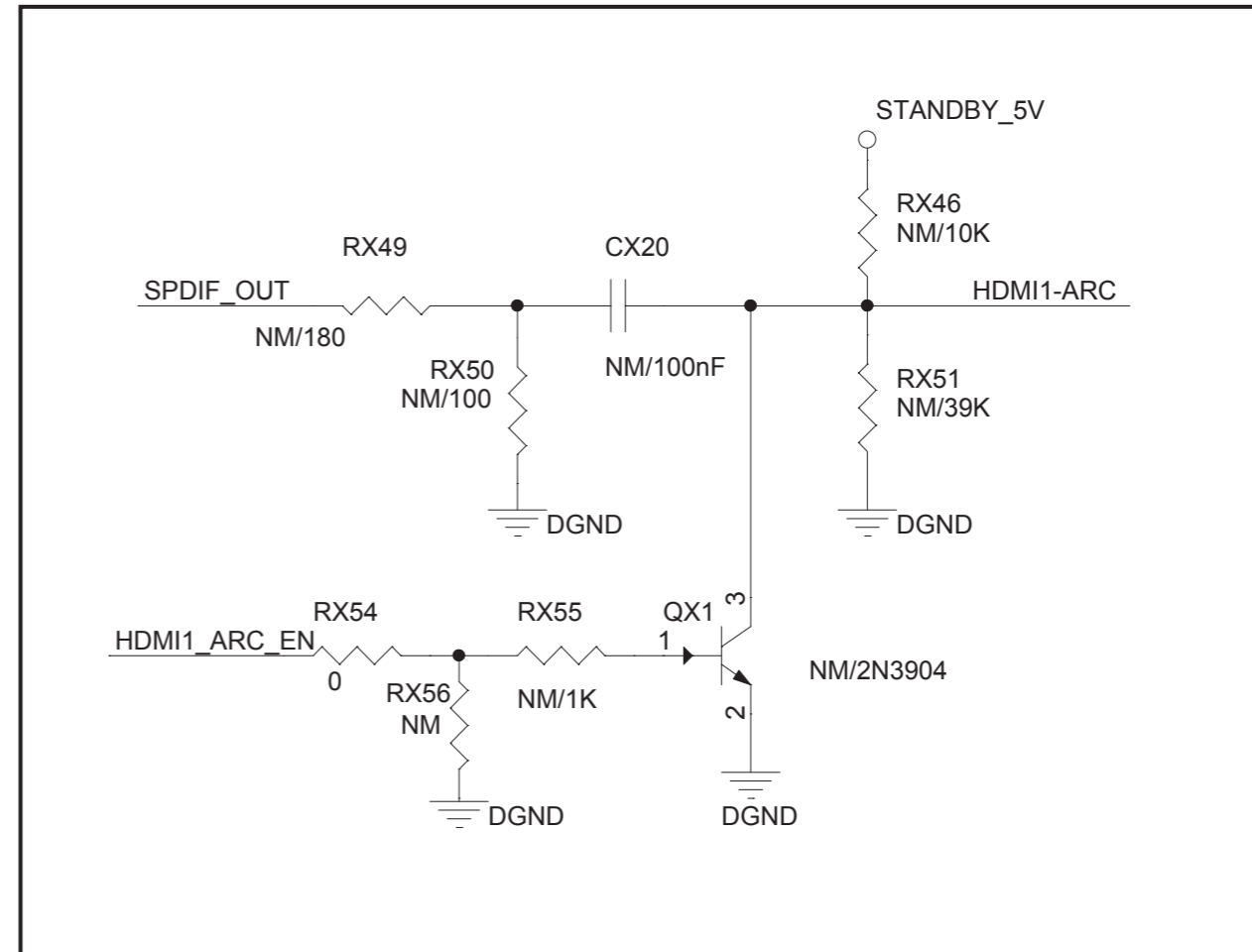
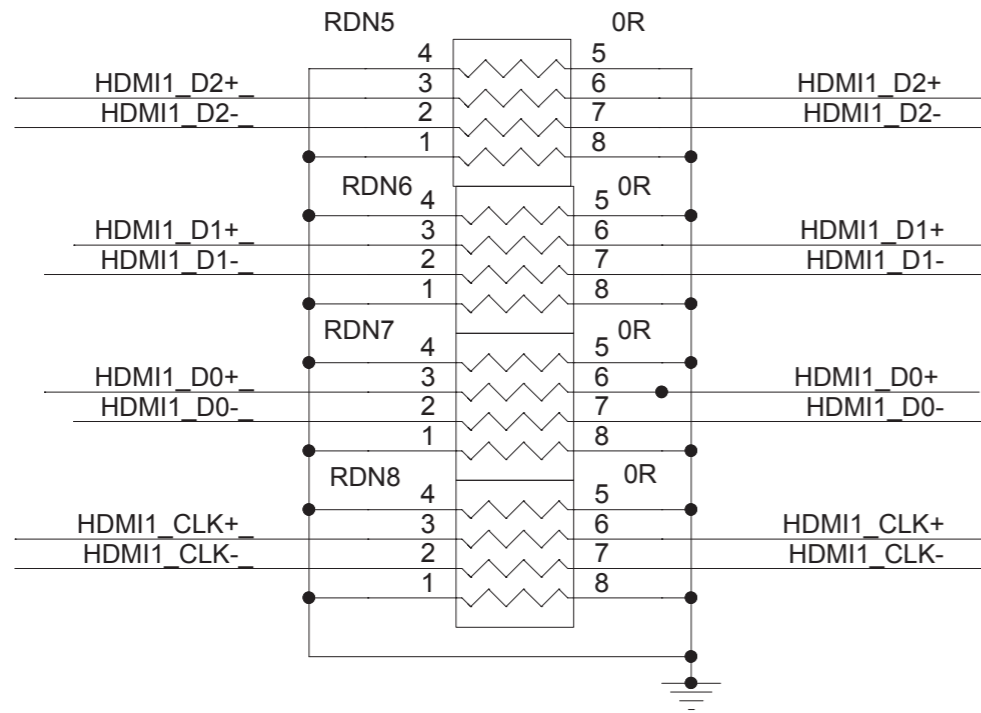
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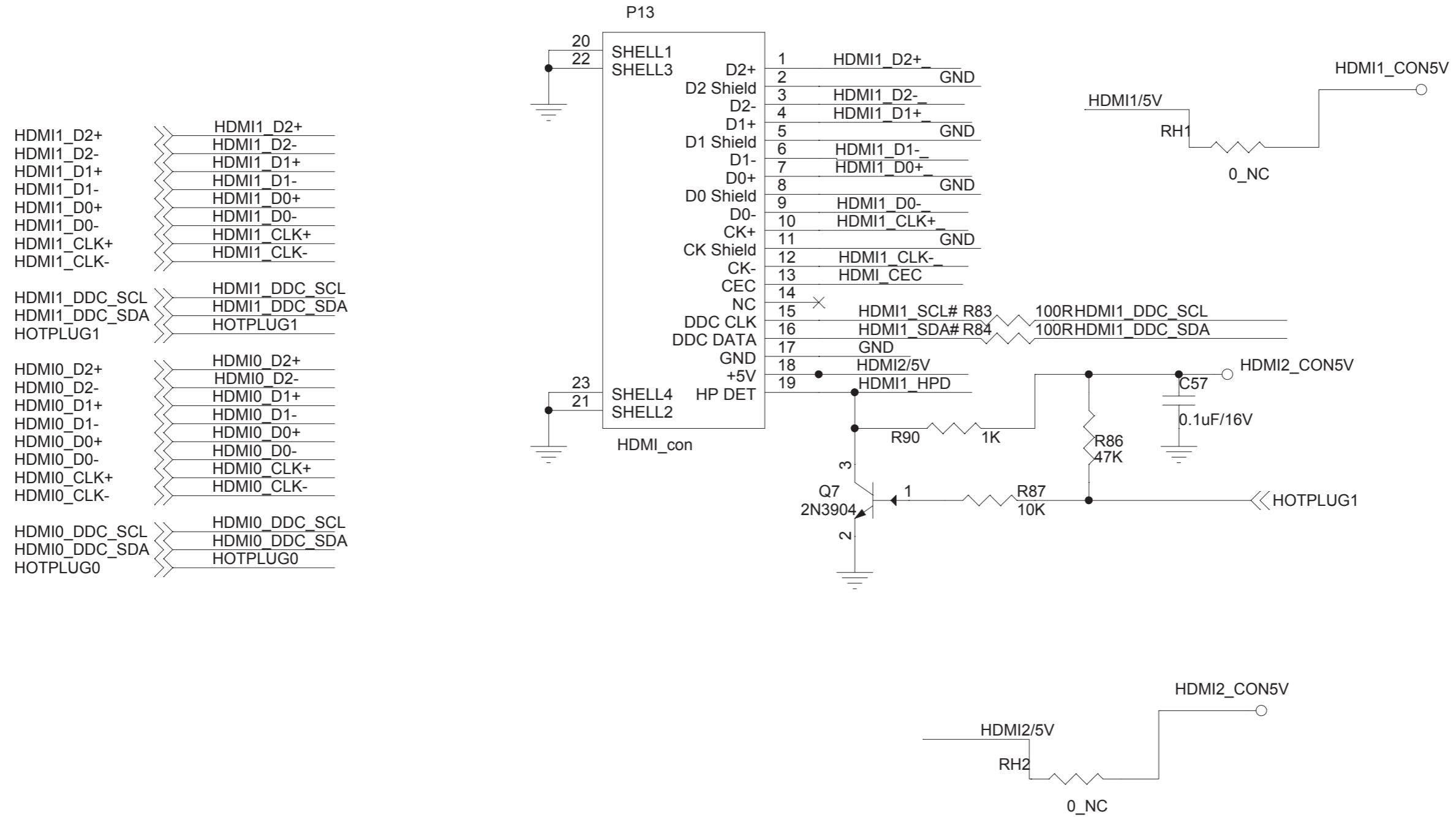
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PCI Principal (Todos Modelos)



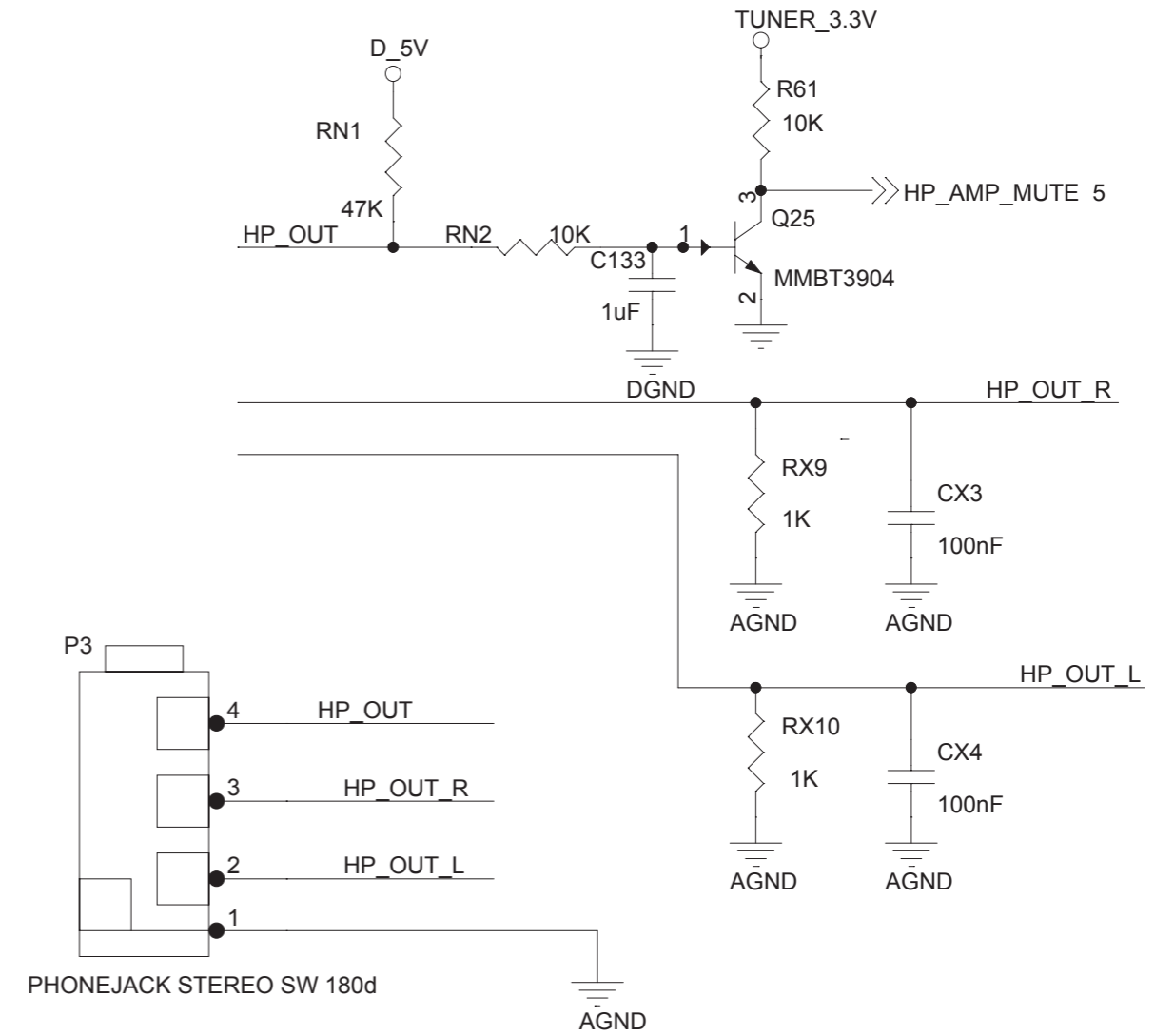
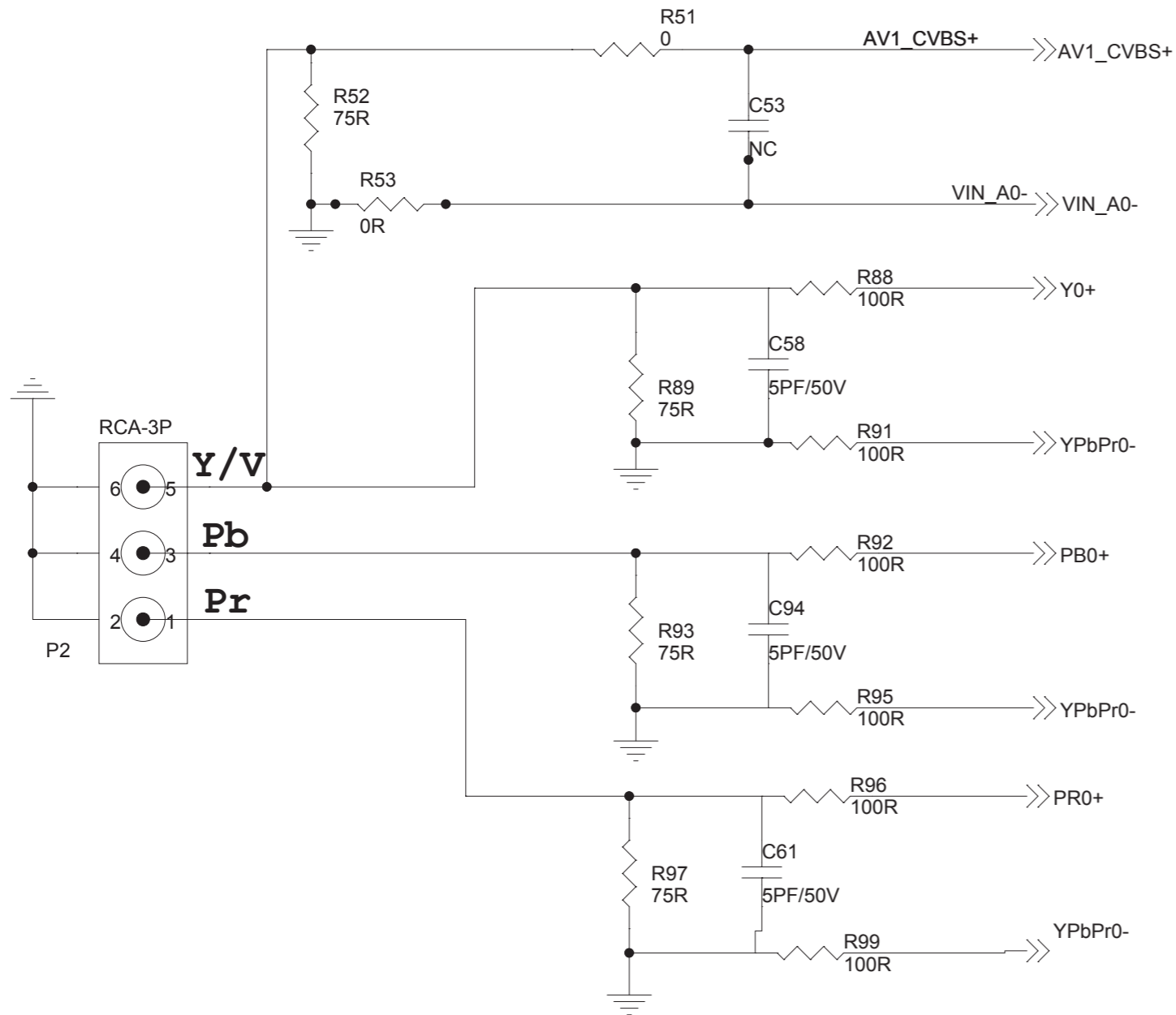
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PCI Principal (Todos Modelos)



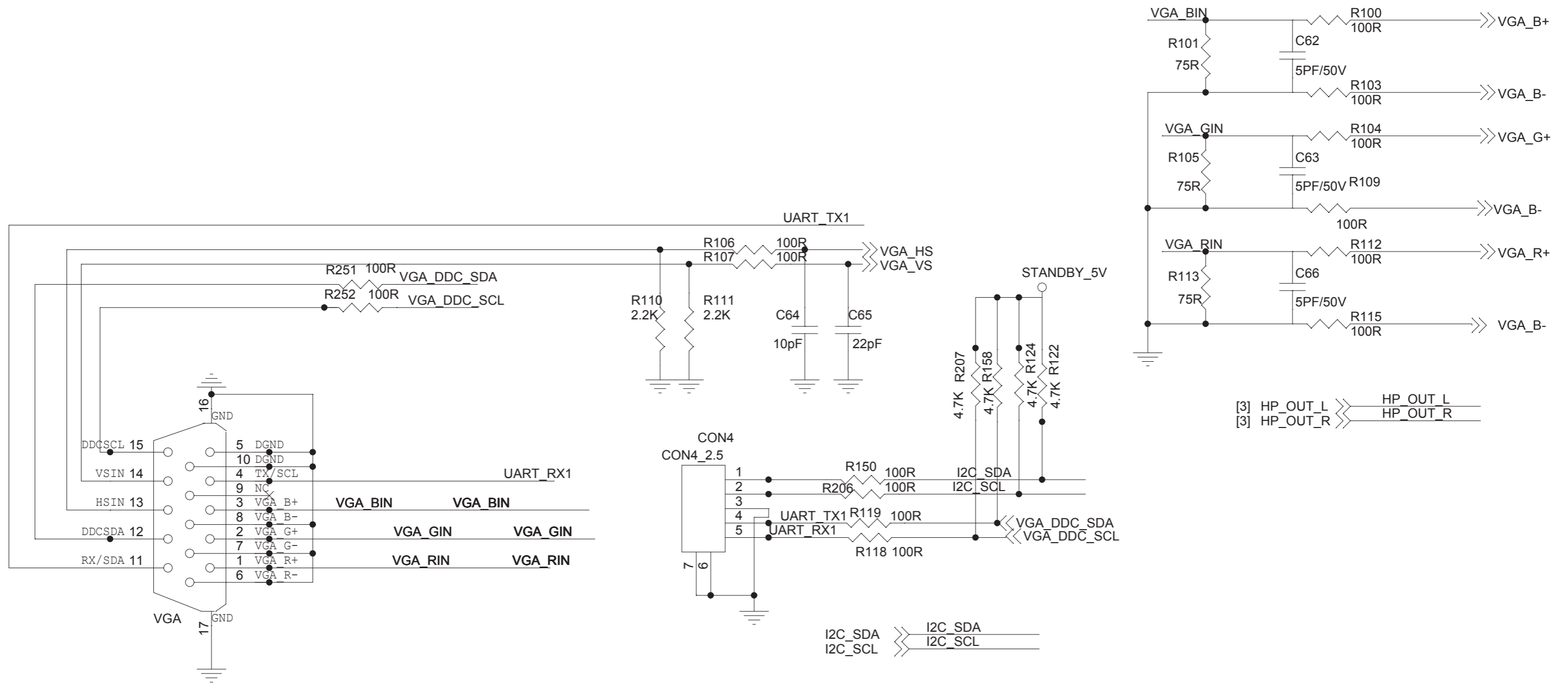
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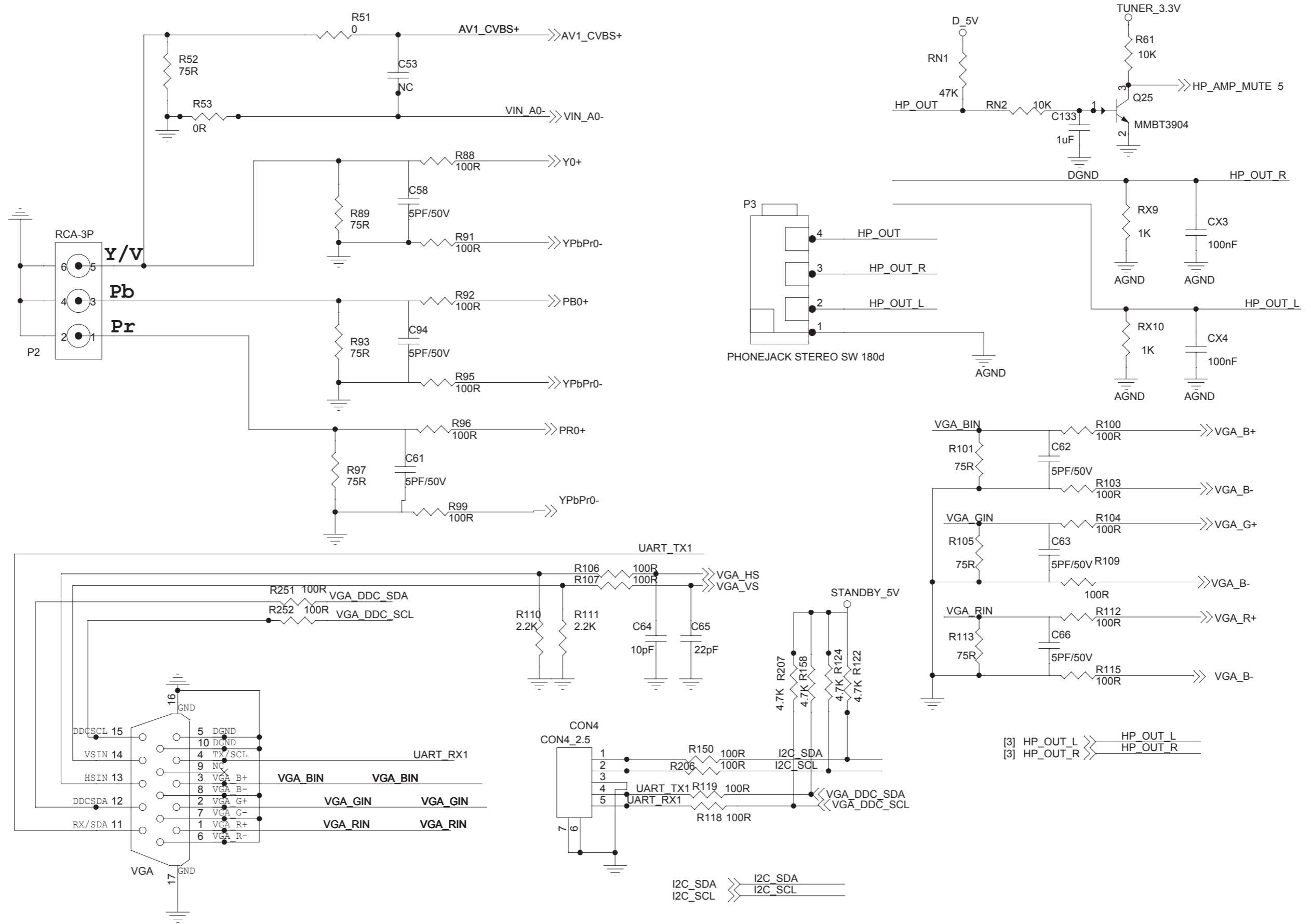
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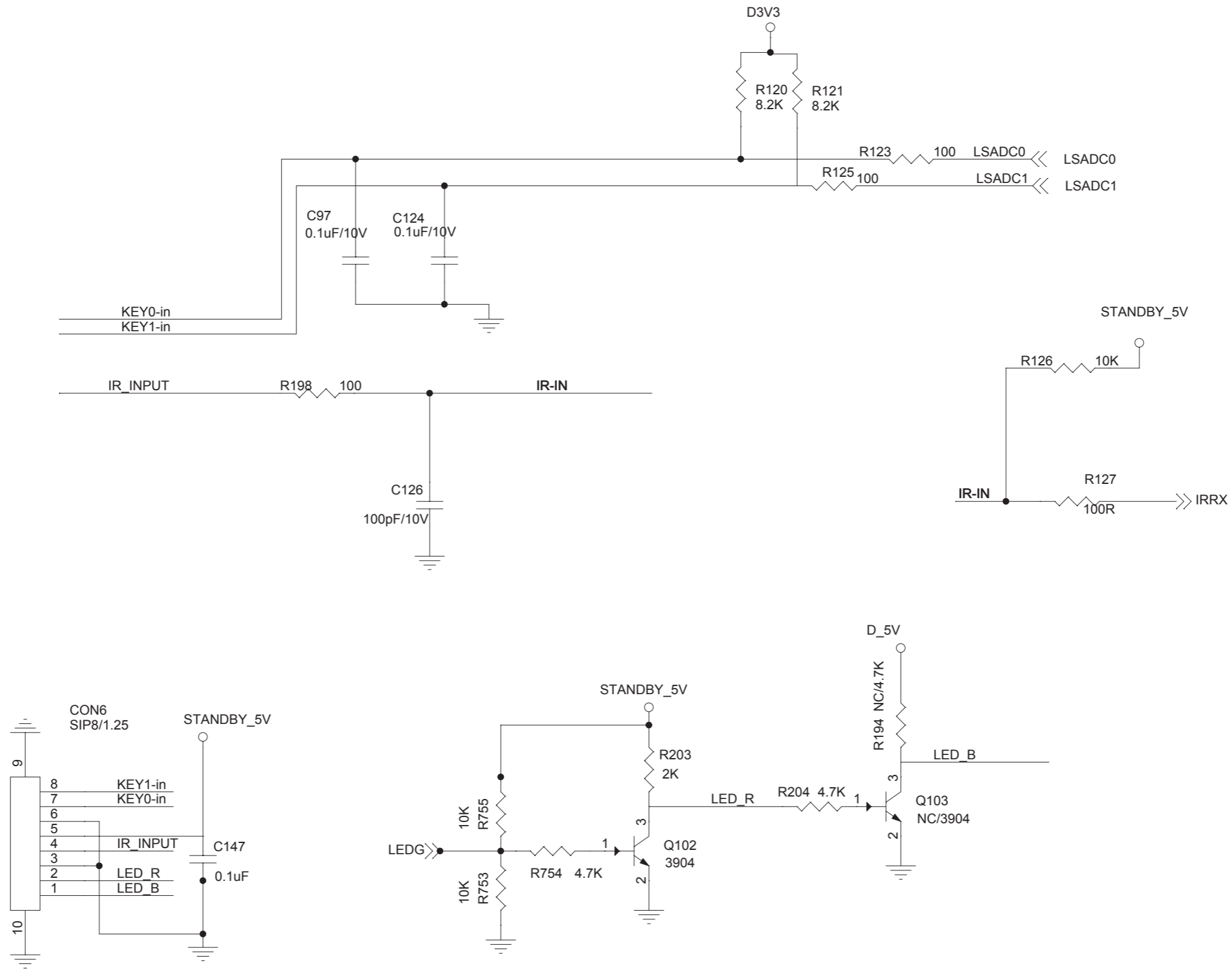
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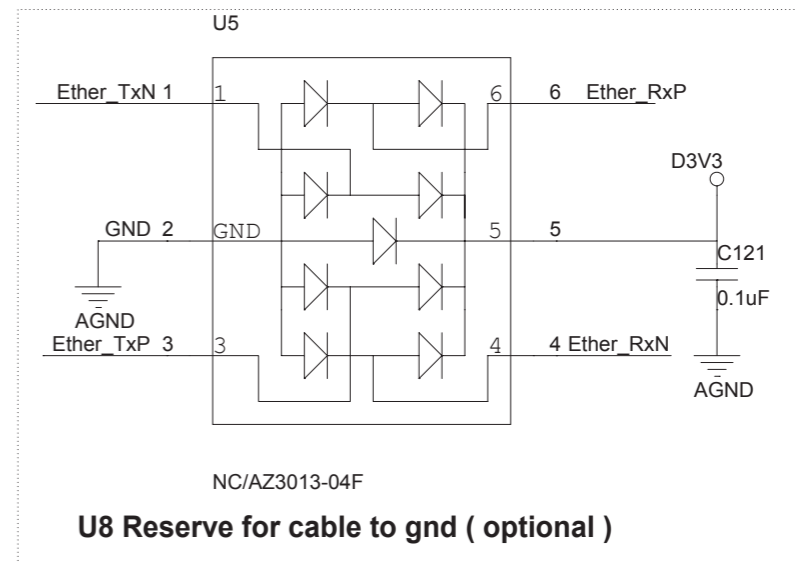
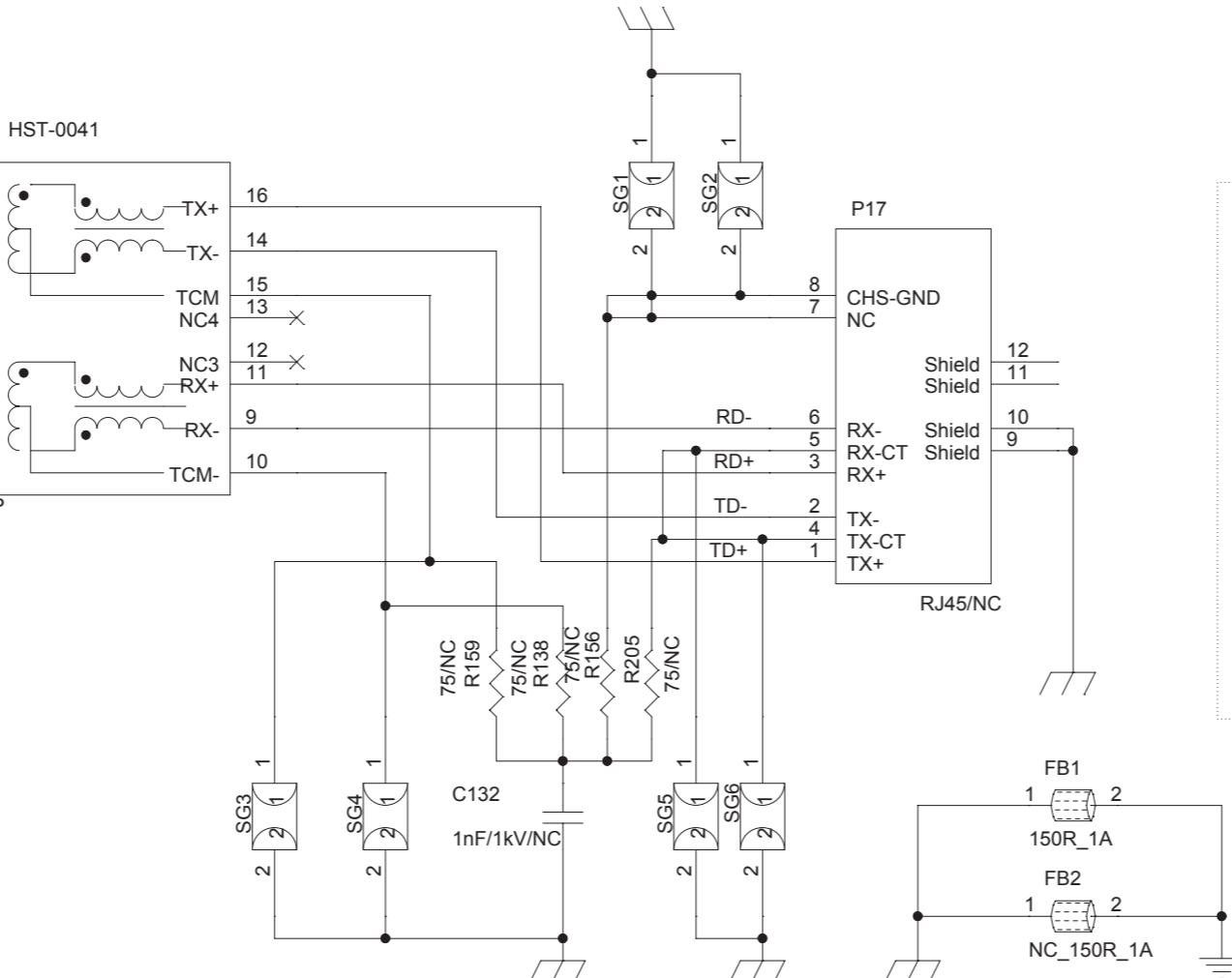
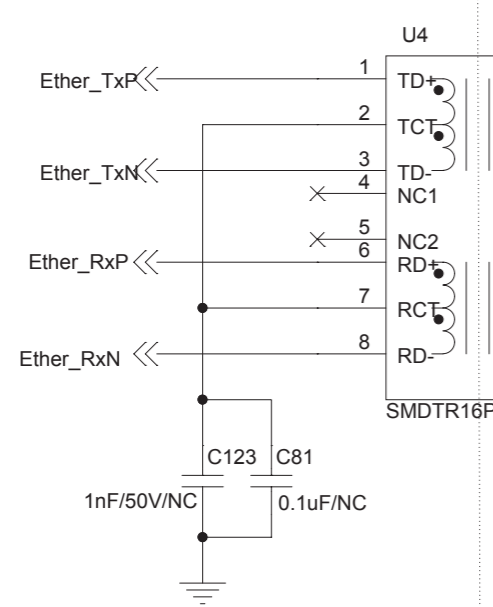
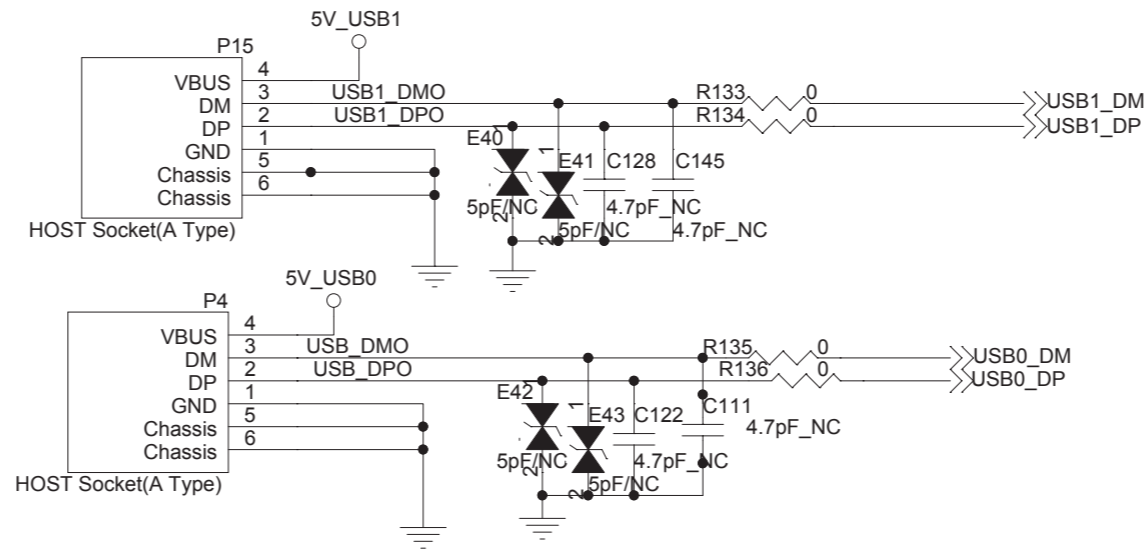
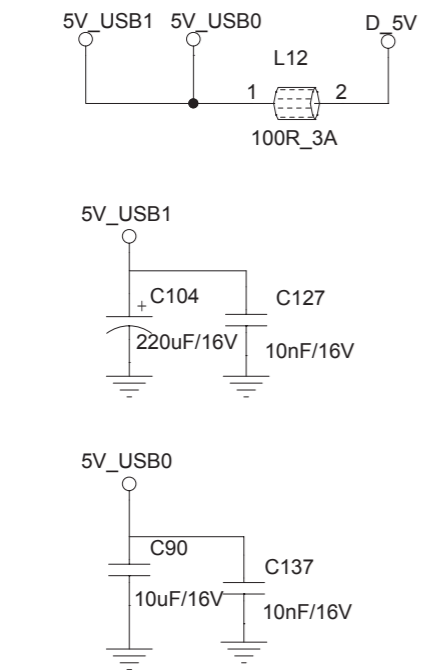
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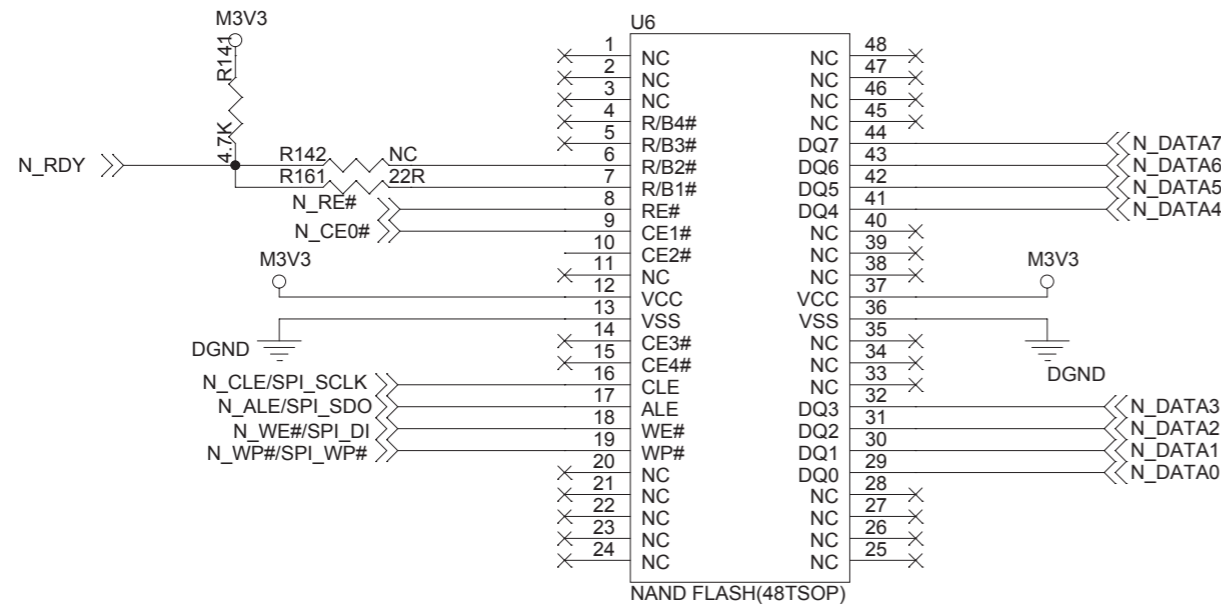
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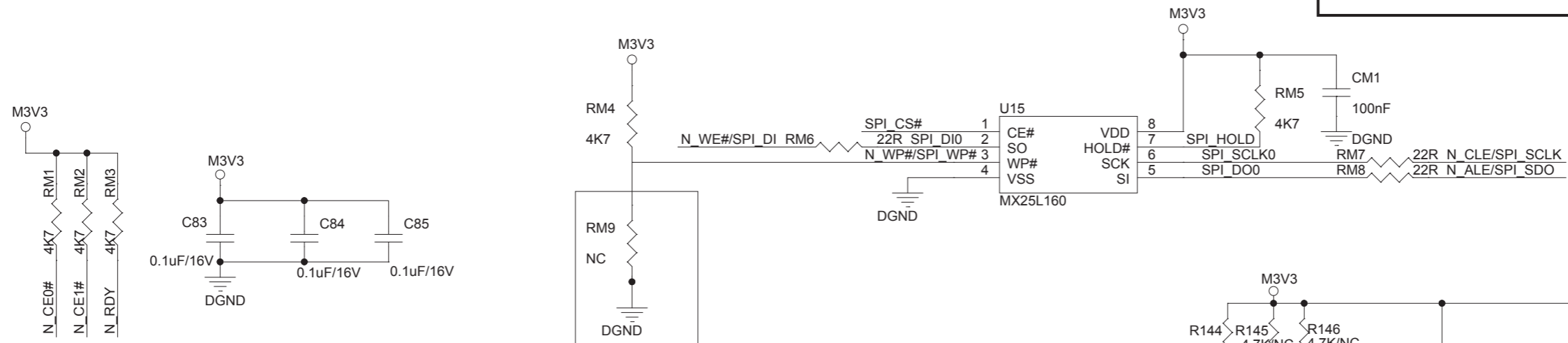


ESQUEMAS ELÉTRICOS

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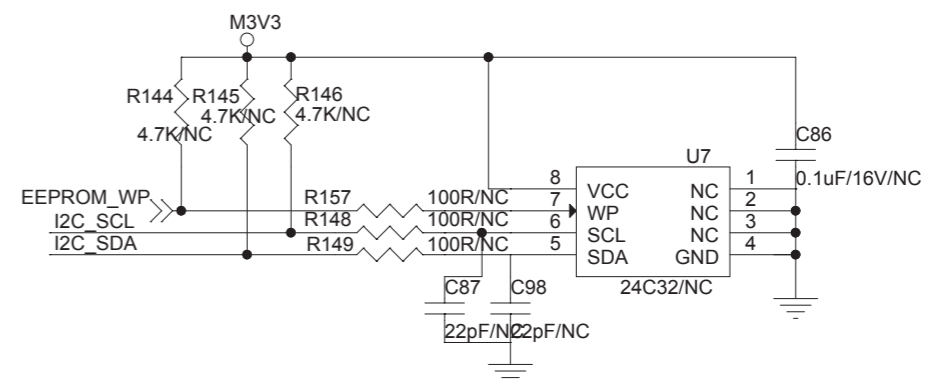
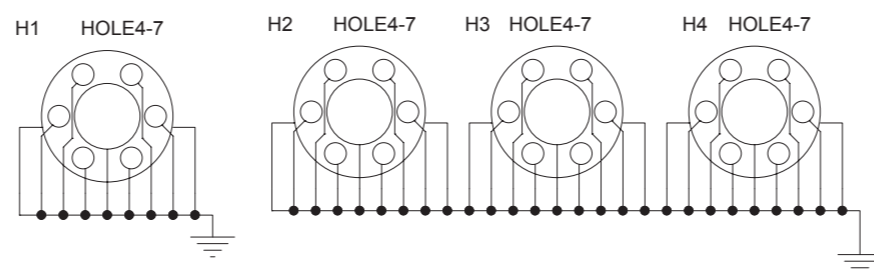


From Main Chip	
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[3] N_ALE/SPI_SDO	N_ALE/SPI_SDO
[3] N_CLE/SPI_SCLK	N_CLE/SPI_SCLK
[3] N_WE#/SPI_DI	N_WE#/SPI_DI
[3] SPI_CS#	SPI_CS#
[3] N_CE1#	N_CE1#
[3] N_CE0#	N_CE0#
[3] N_WE#/SPI_DI	N_WE#/SPI_DI
[3] N_RE#	N_RE#
[3] N_RDY	N_RDY
[3] N_DATA0	N_DATA0
[3] N_DATA1	N_DATA1
[3] N_DATA2	N_DATA2
[3] N_DATA3	N_DATA3
[3] N_DATA4	N_DATA4
[3] N_DATA5	N_DATA5
[3] N_DATA6	N_DATA6
[3] N_DATA7	N_DATA7
[3] EEPROM_WP	EEPROM_WP
[3] I2C_SCL	I2C_SCL
[3] I2C_SDA	I2C_SDA

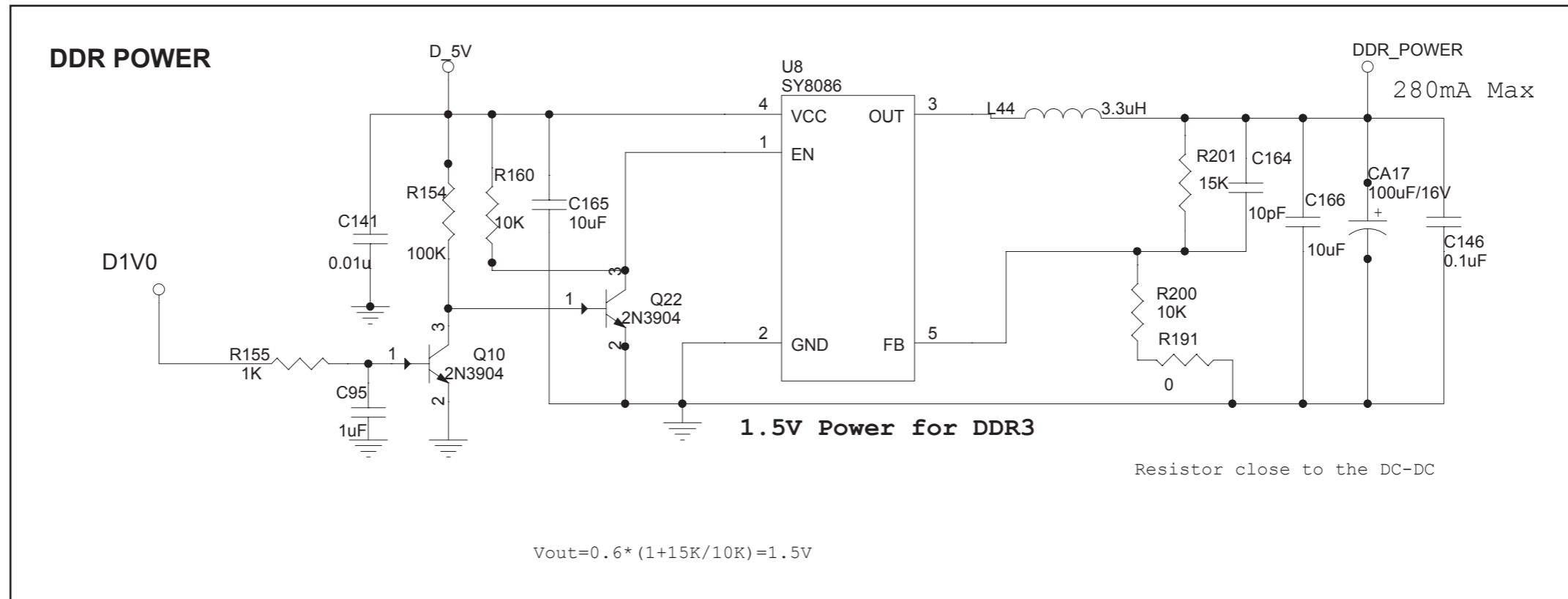
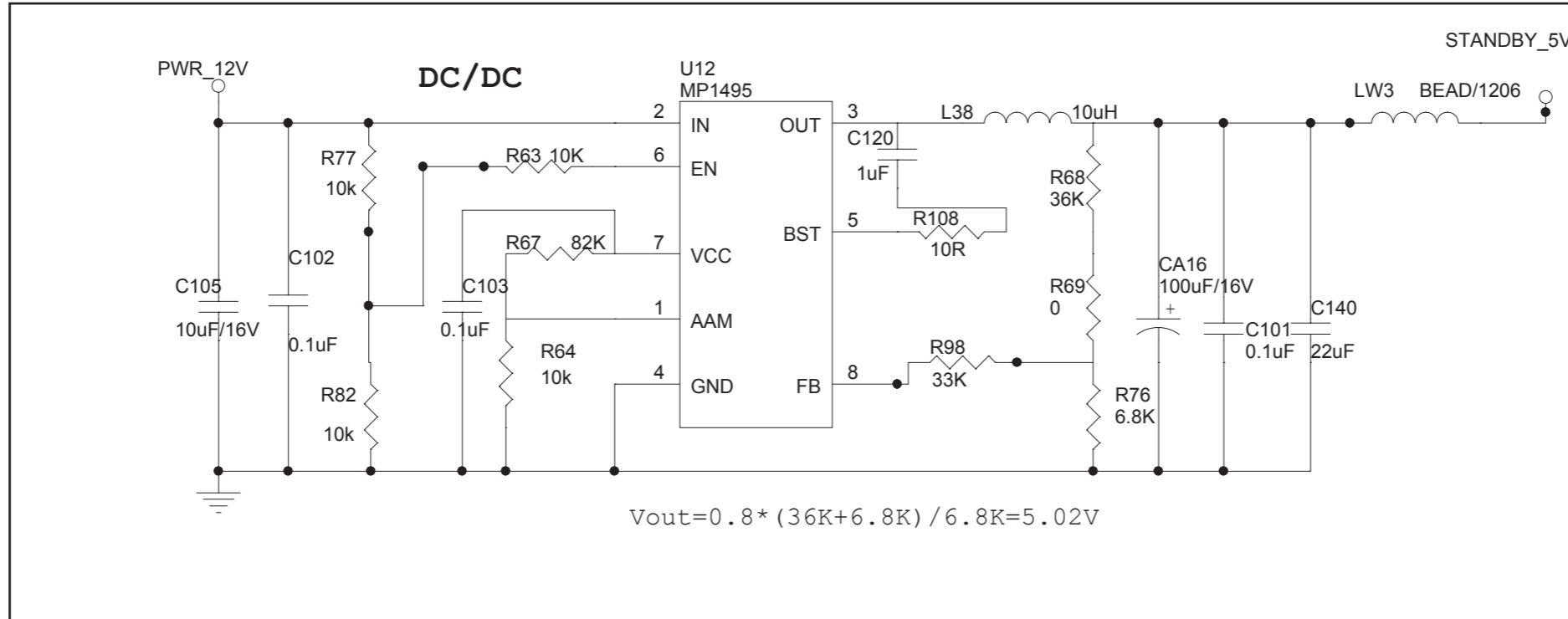


Caution: When Mass produce, RM4 chang to NC, RM9 chang to 4.7K

For Rtice Check

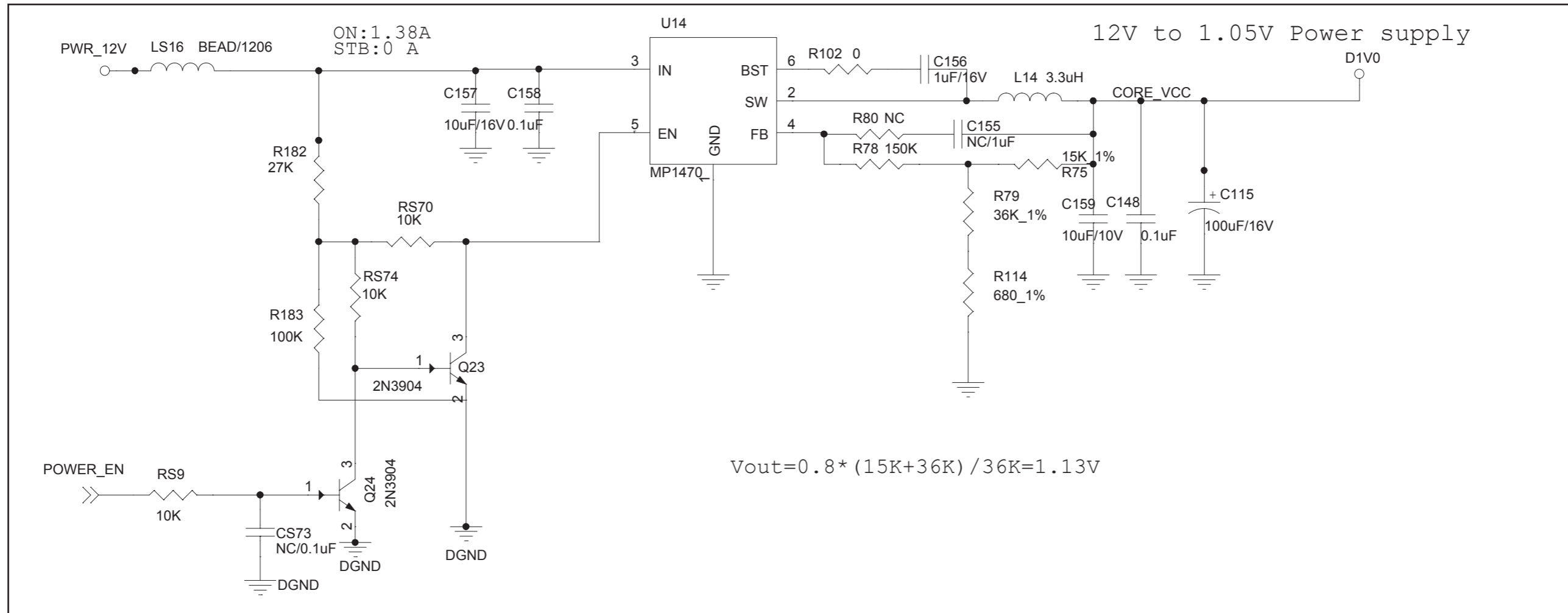
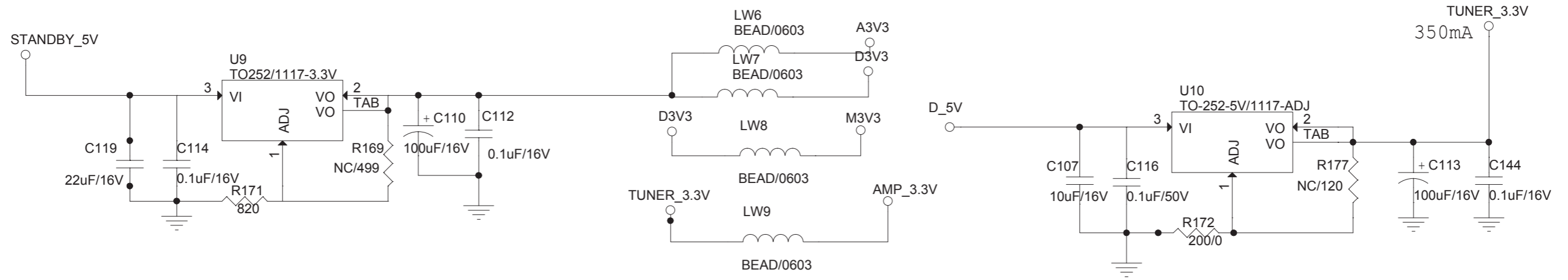


only 12V supply-----5V/3A MAIN POWER



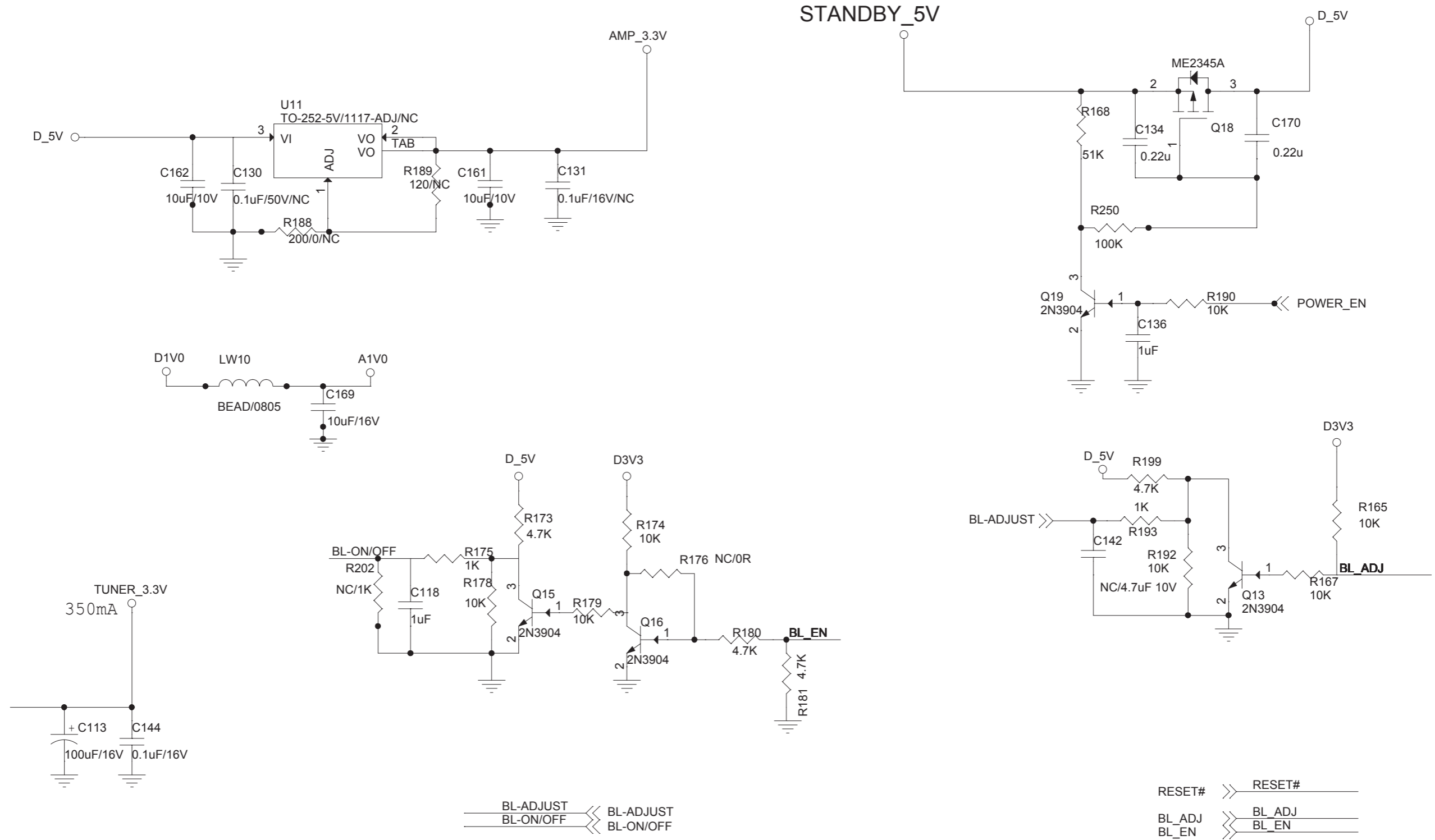
ESQUEMAS ELÉTRICOS

PCI Principal (Todos Modelos)



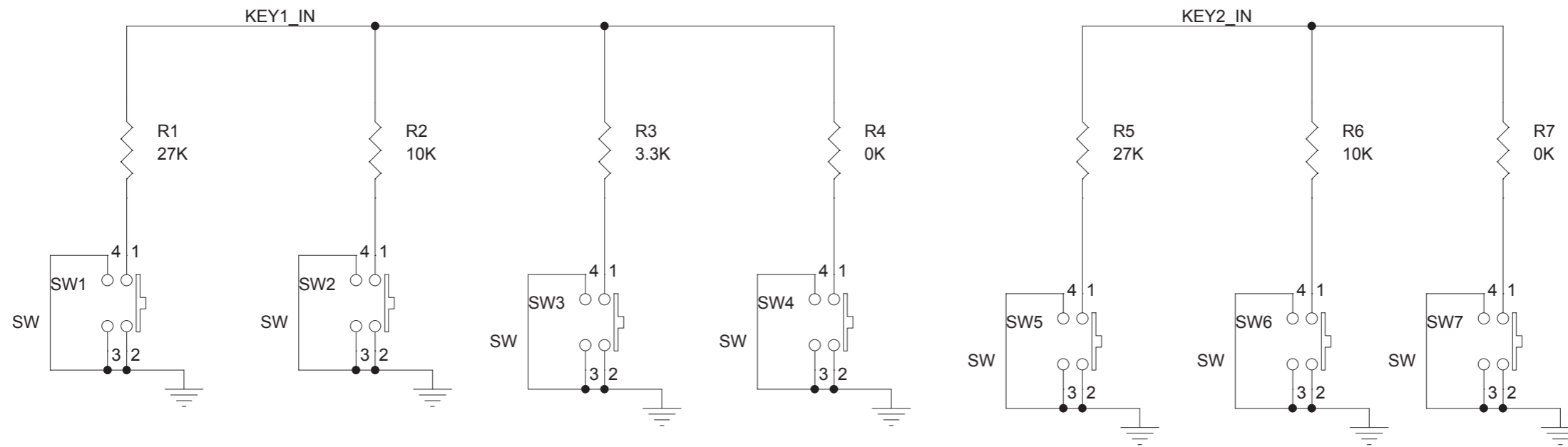
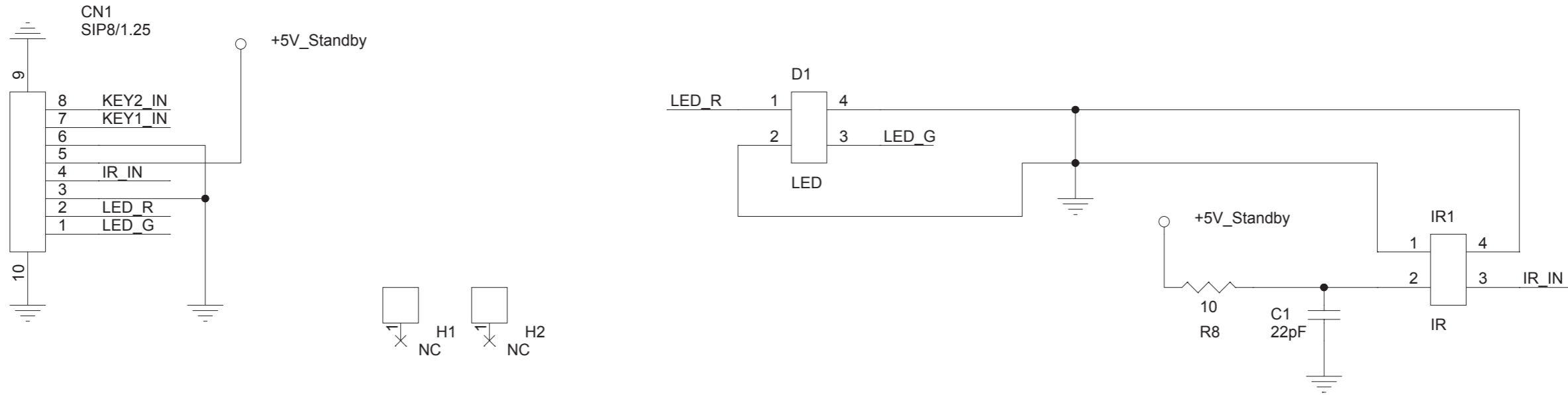
ESQUEMAS ELÉTRICOS

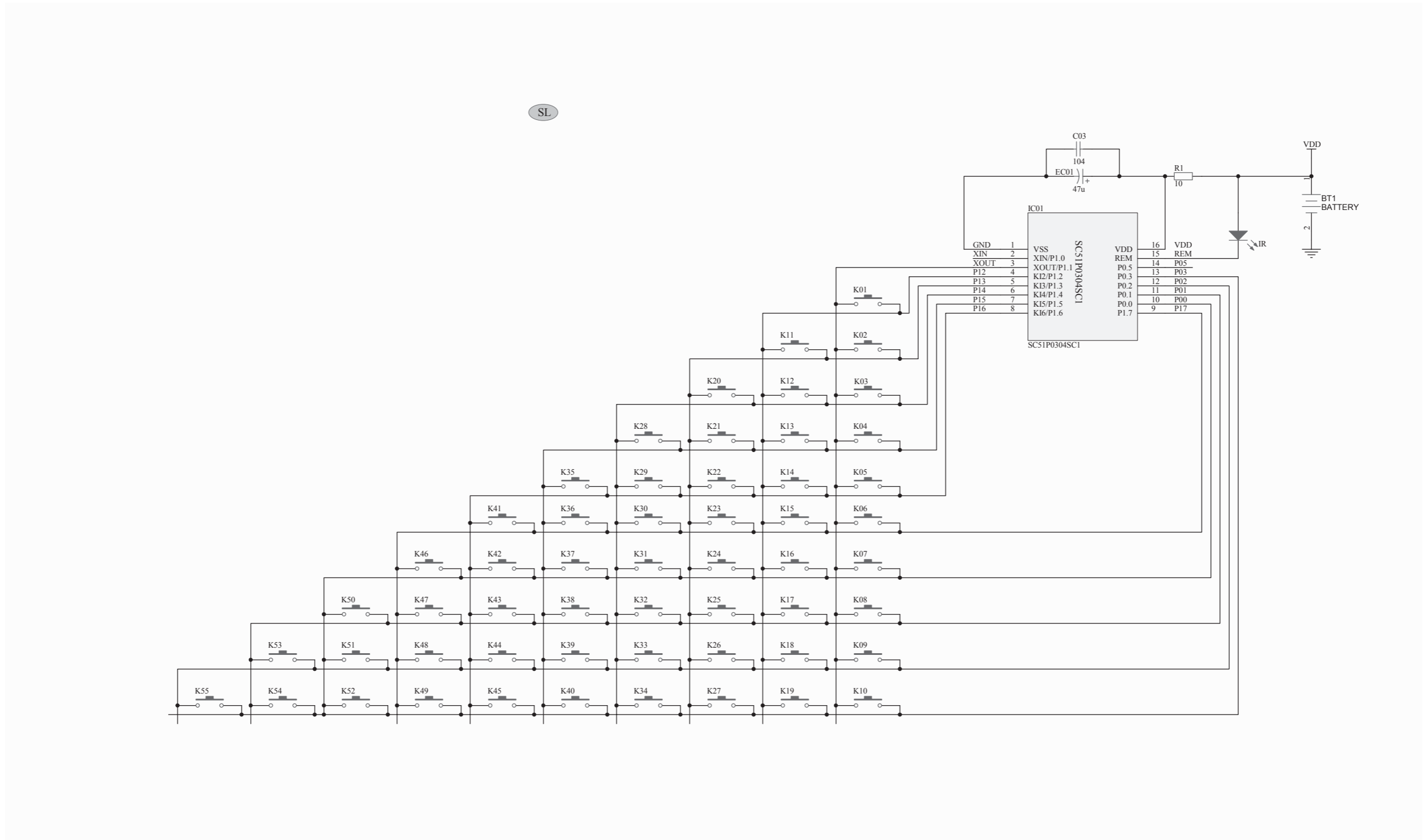
PCI Principal (Todos Modelos)



ESQUEMAS ELÉTRICOS

PCI Auxiliar (Todos Modelos)





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SEMP TOSHIBA