

Appendix B: Schematic Diagrams

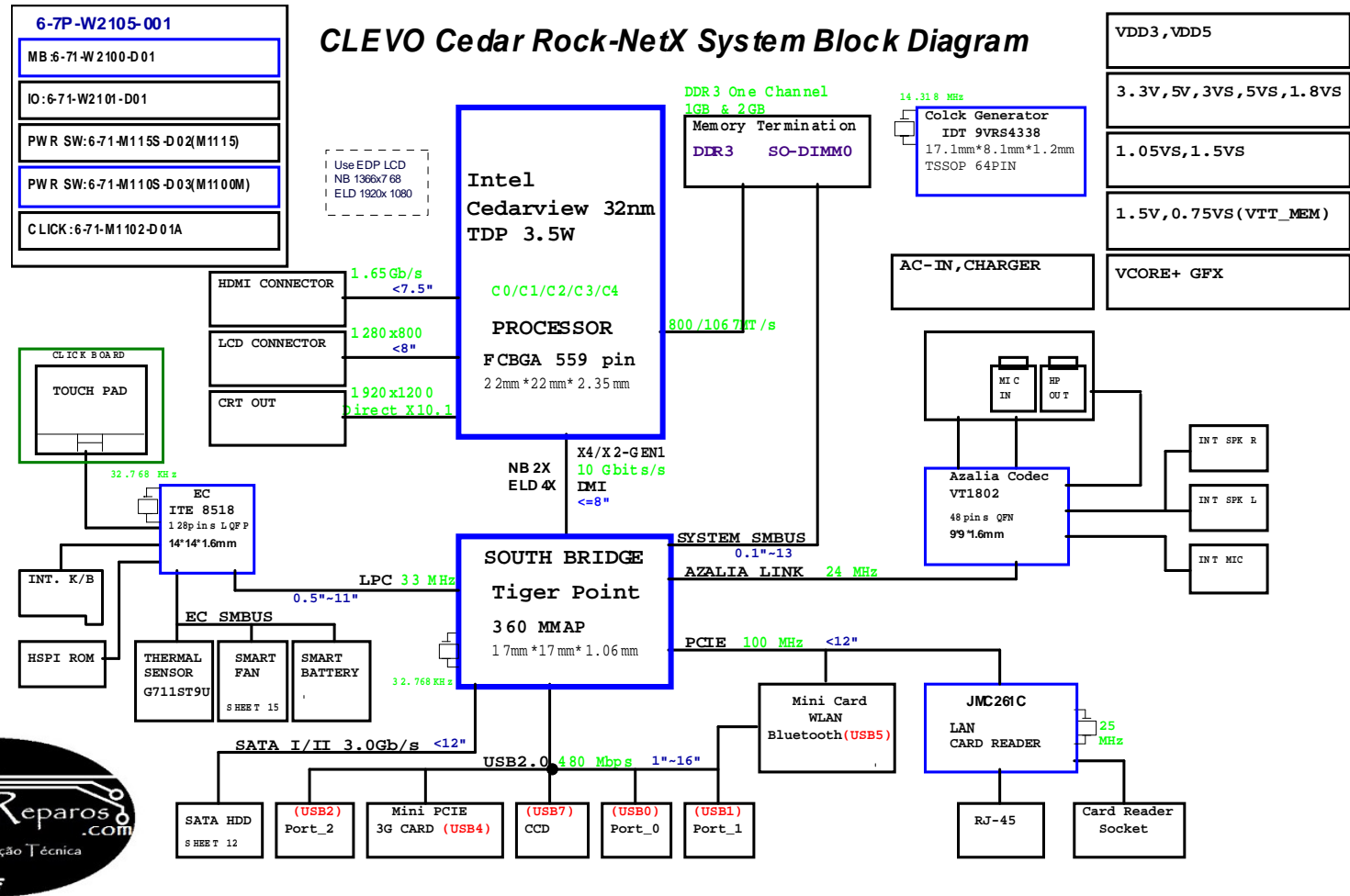
This appendix has circuit diagrams of the *6-71-W2100-D04* notebook's PCB's. The following table indicates where to find the appropriate schematic diagram.

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**SCHEMATIC
DIAGRAMS**

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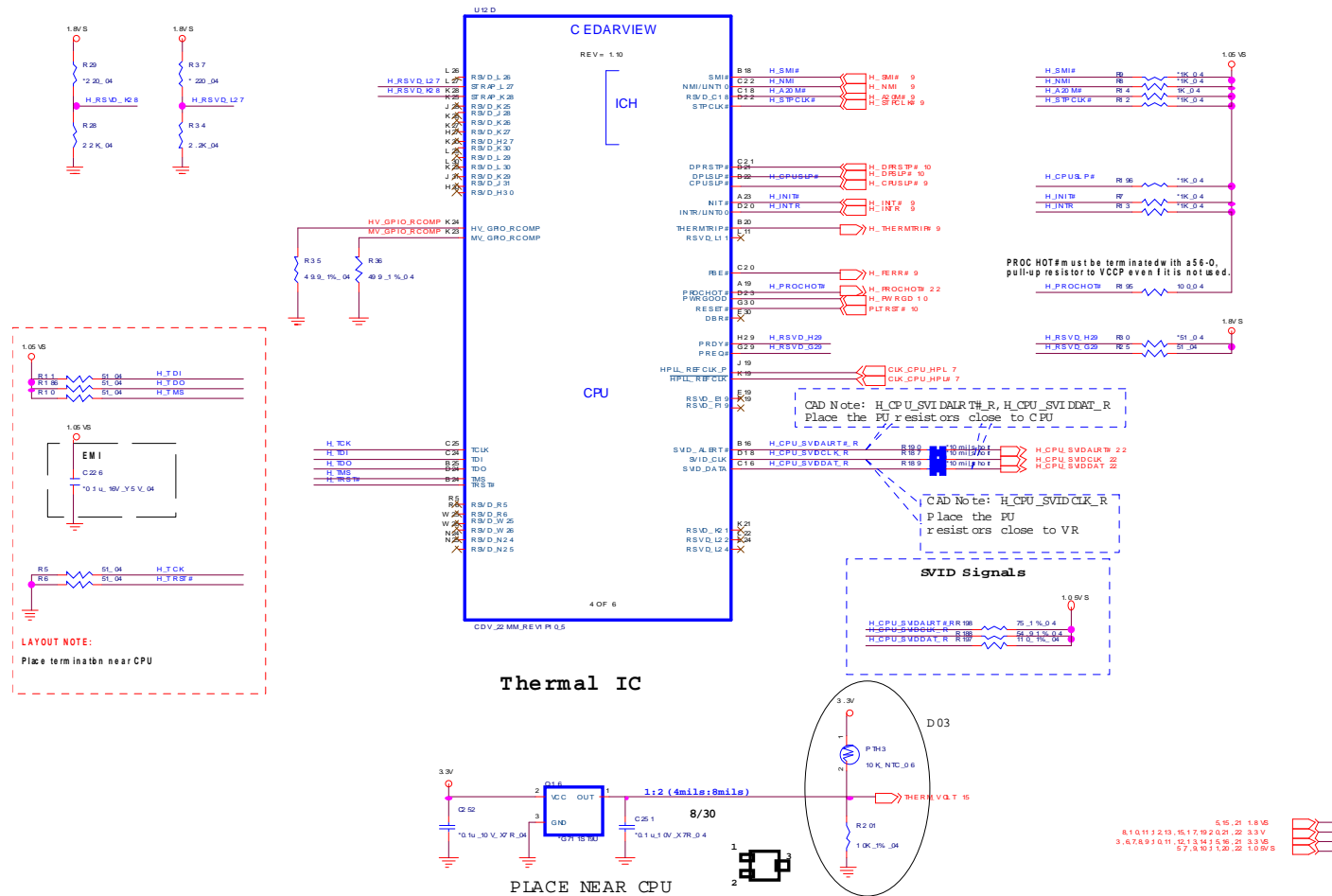
System Block Diagram

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System Block
Diagram



Cedarview CPU Part D

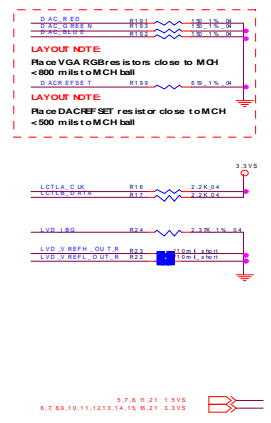
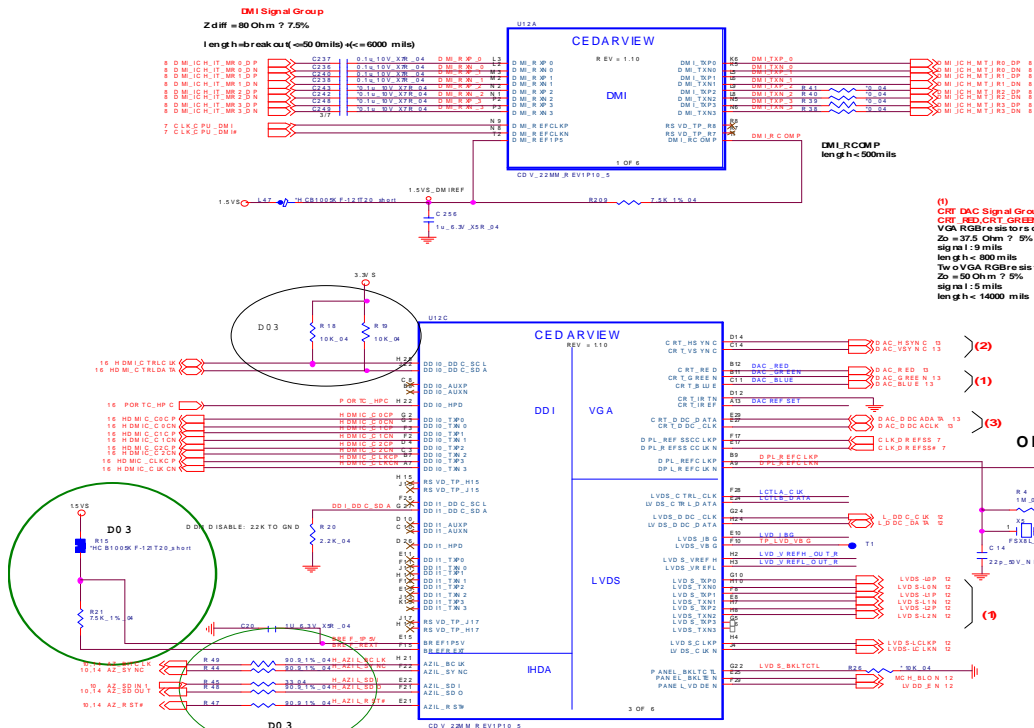
B. Schematic Diagrams



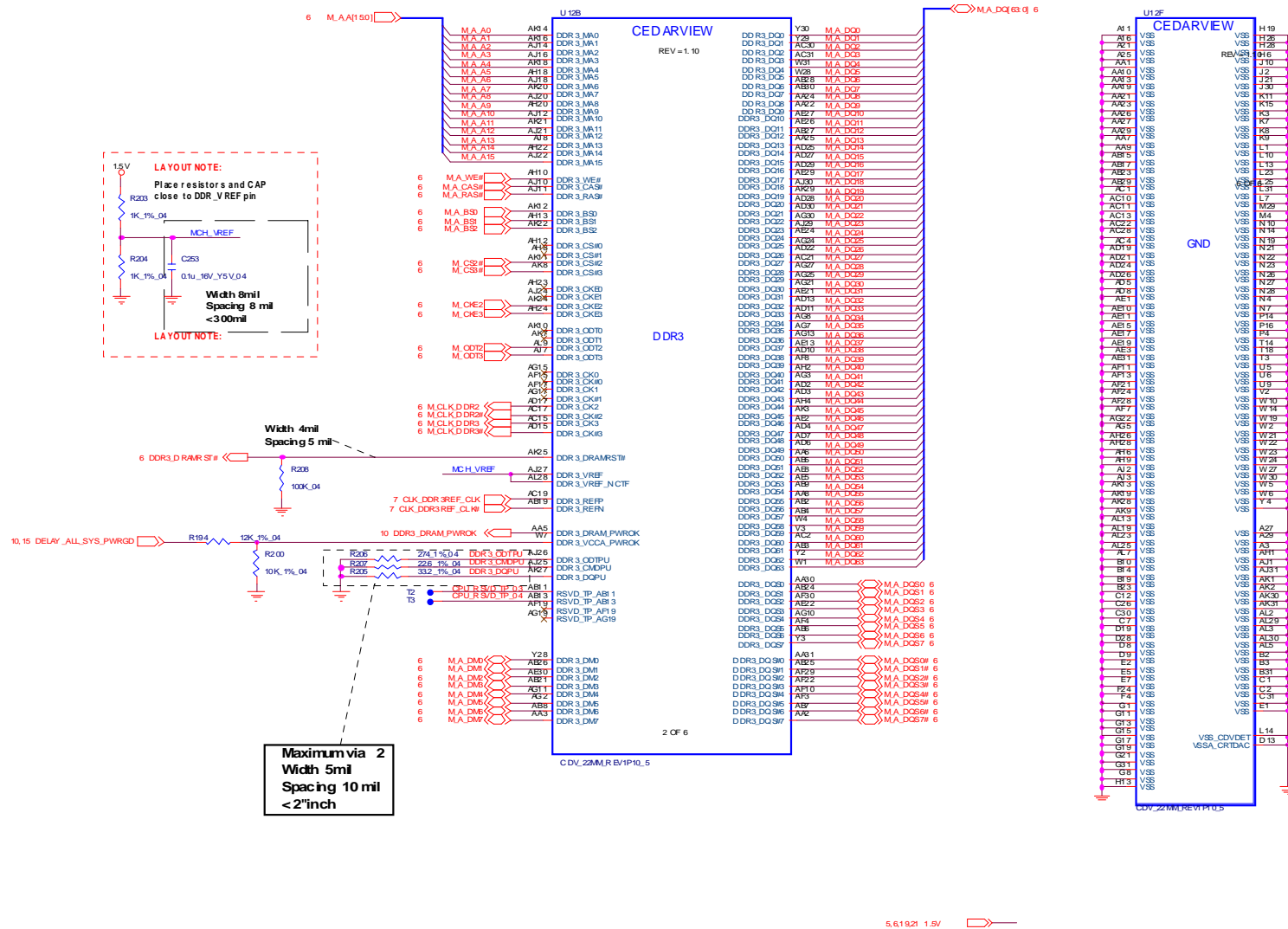
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Cedarview CPU
Part D

Cedarview CPU Part A-C-F

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Cedarview CPU
Part A-C-F



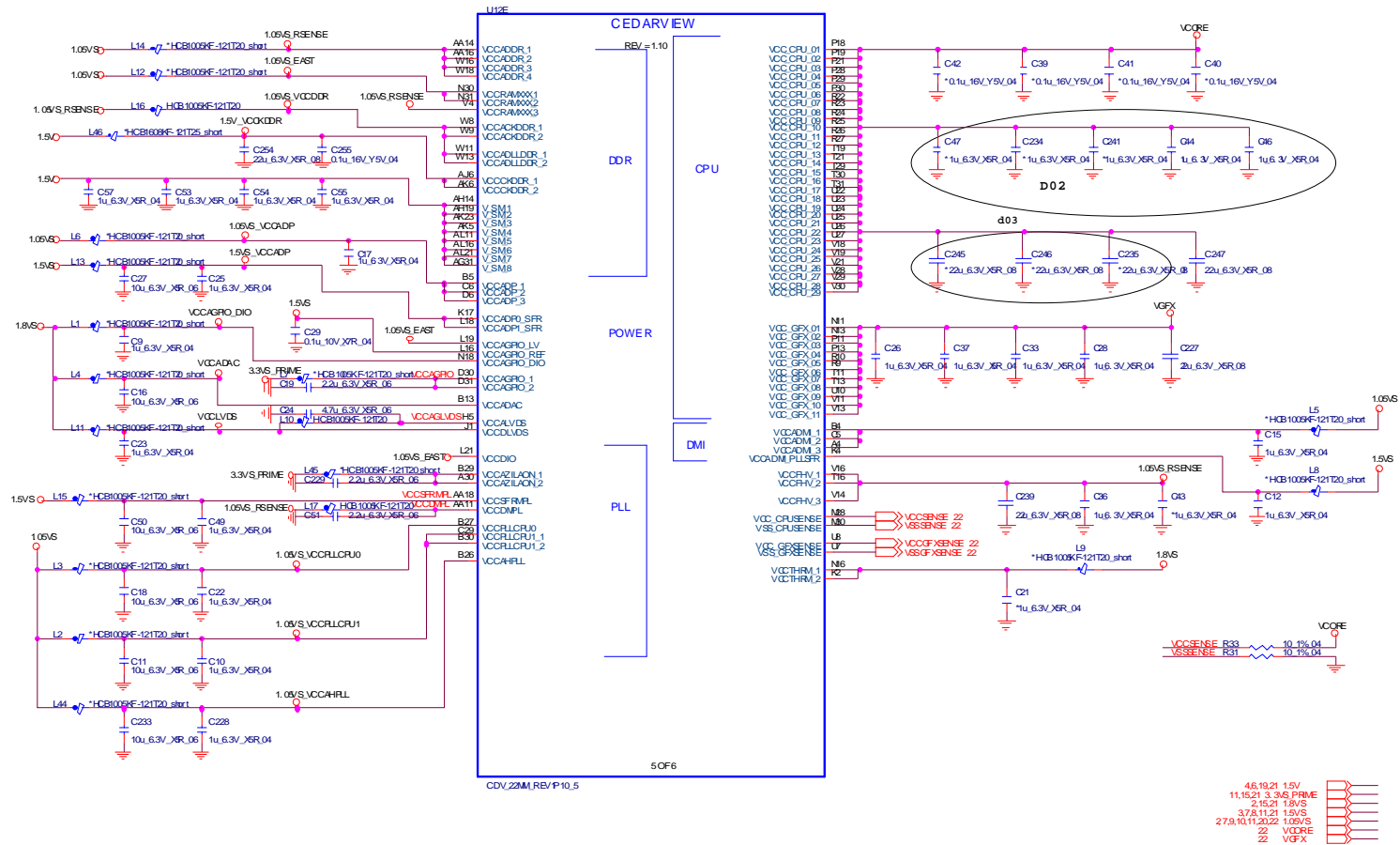
Cedarview CPU Part B



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Cedarview CPU
Part B

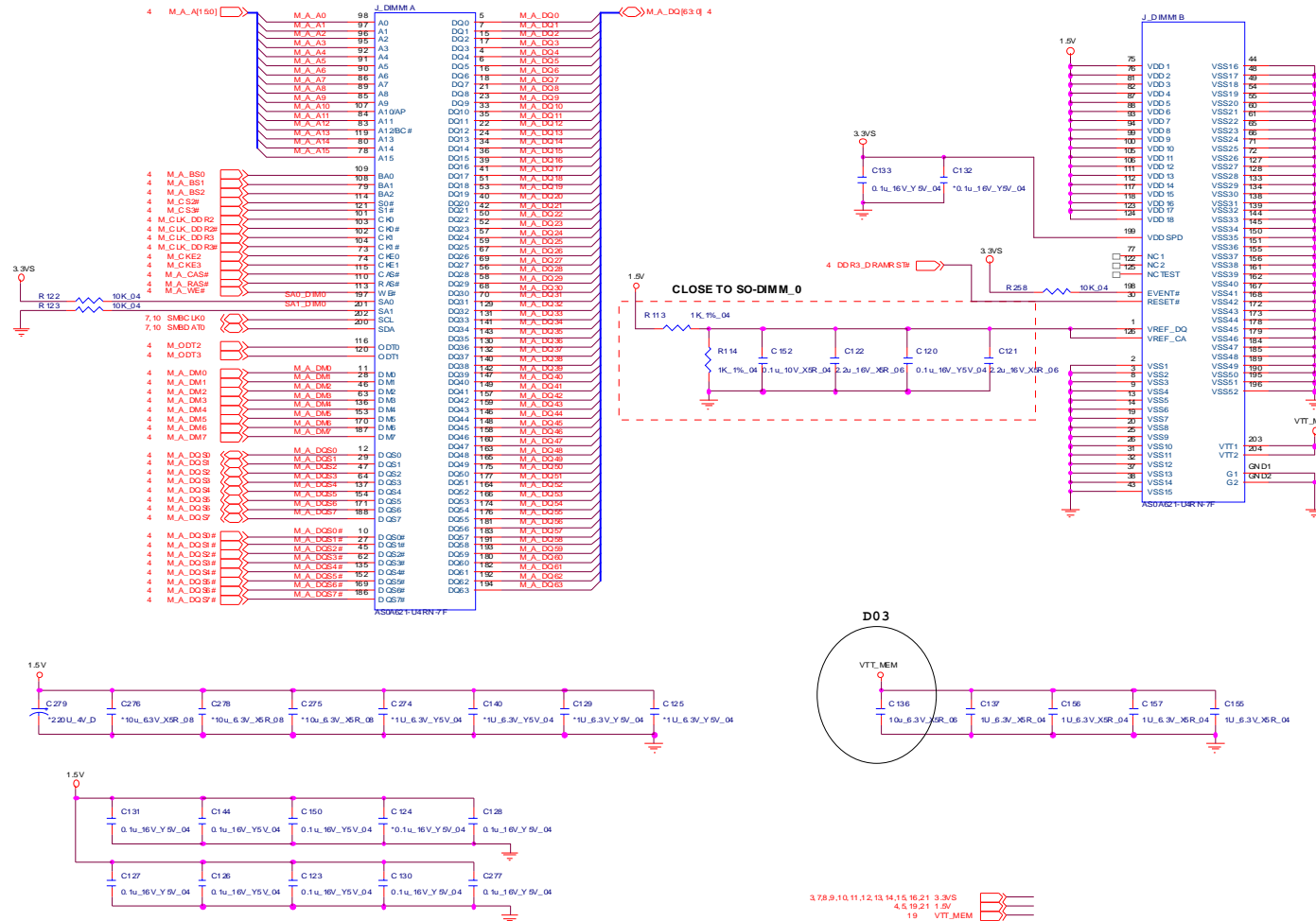
Cedarview CPU Part E

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Cedarview CPU
Part E



DDRIII SO-DIMM_0

SO-DIMM 0

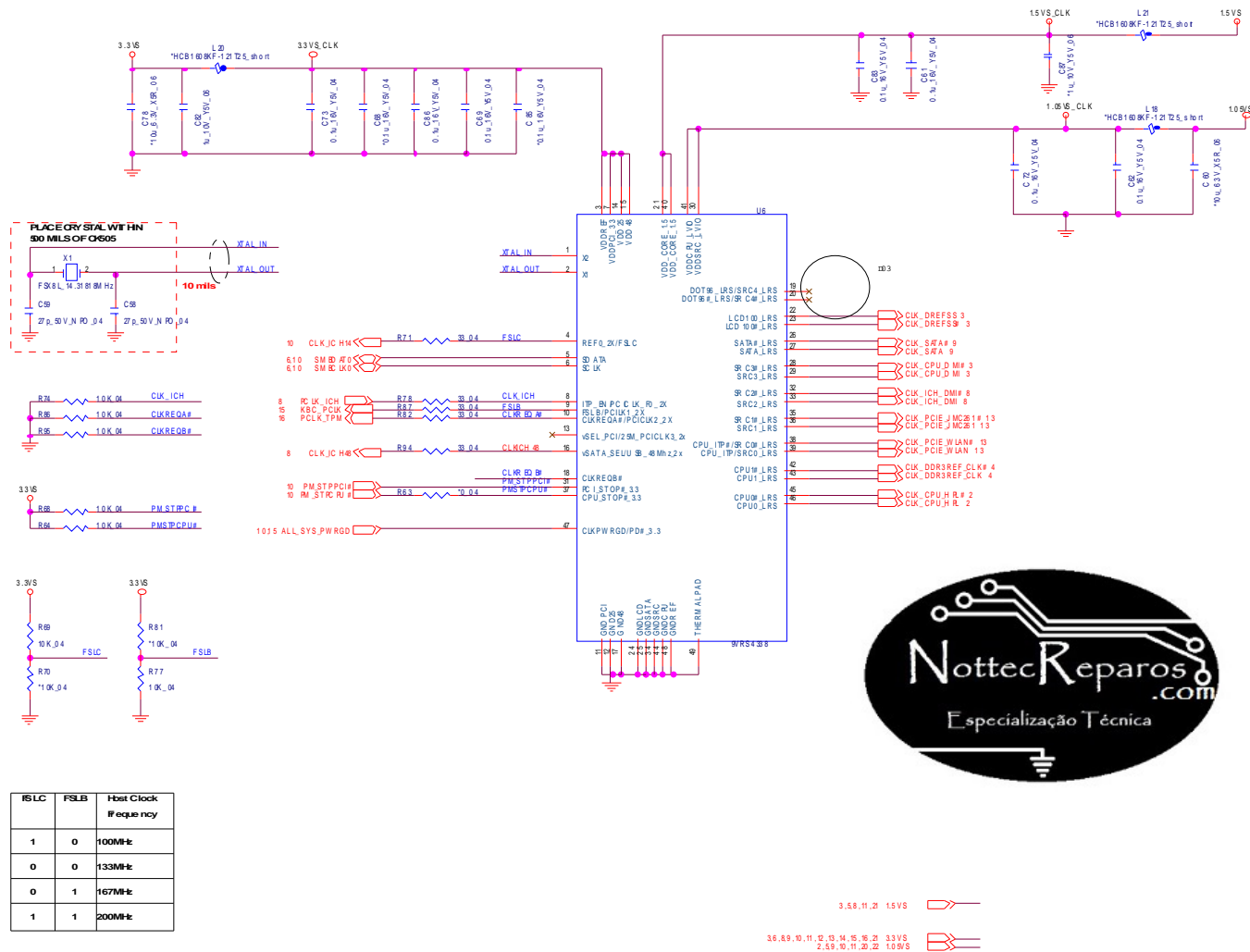


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DDRIII SO-DIMM_0

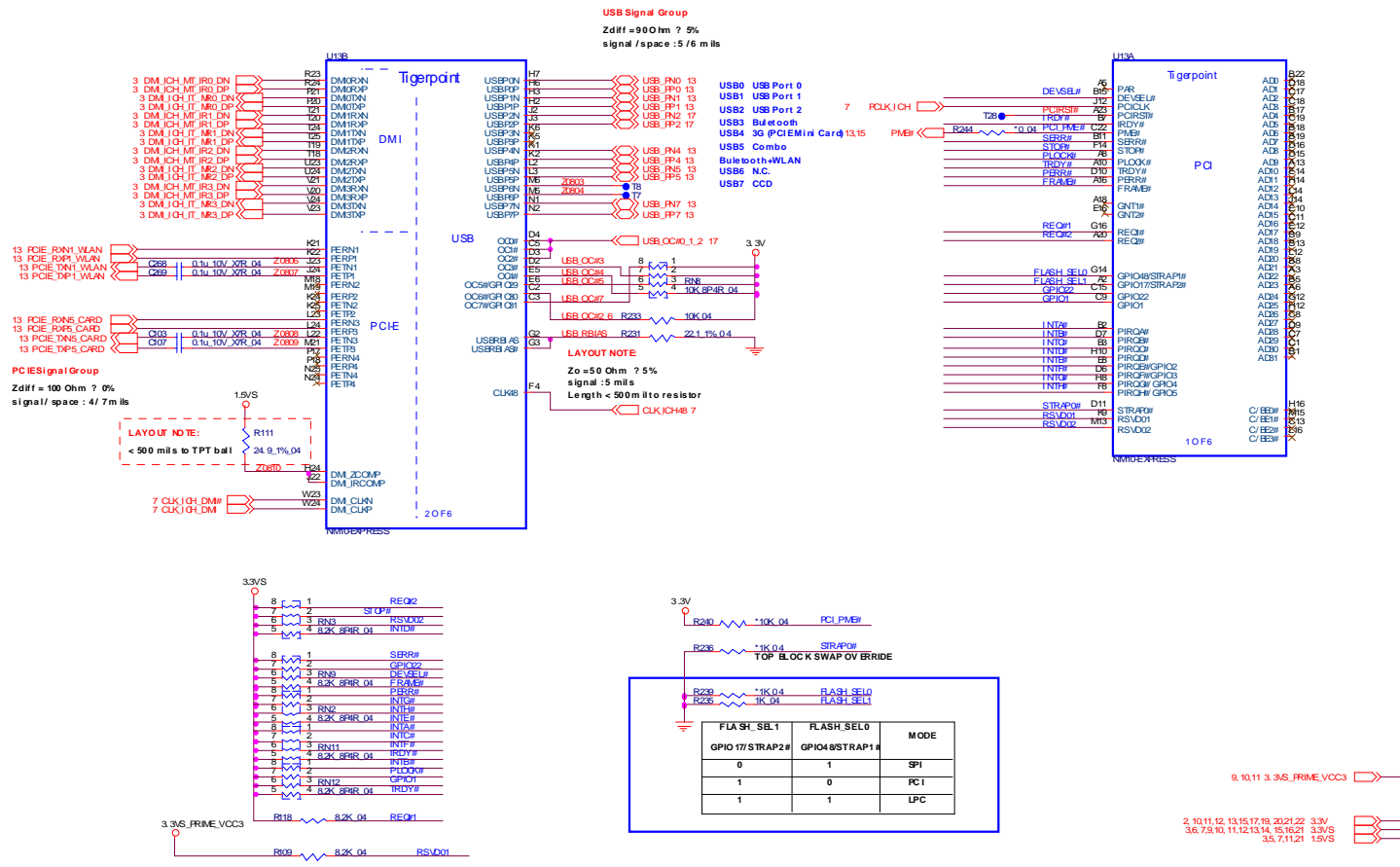
B. Schematic Diagrams

IDT CLOCK

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IDT Clock



Tigerpoint Part A-B

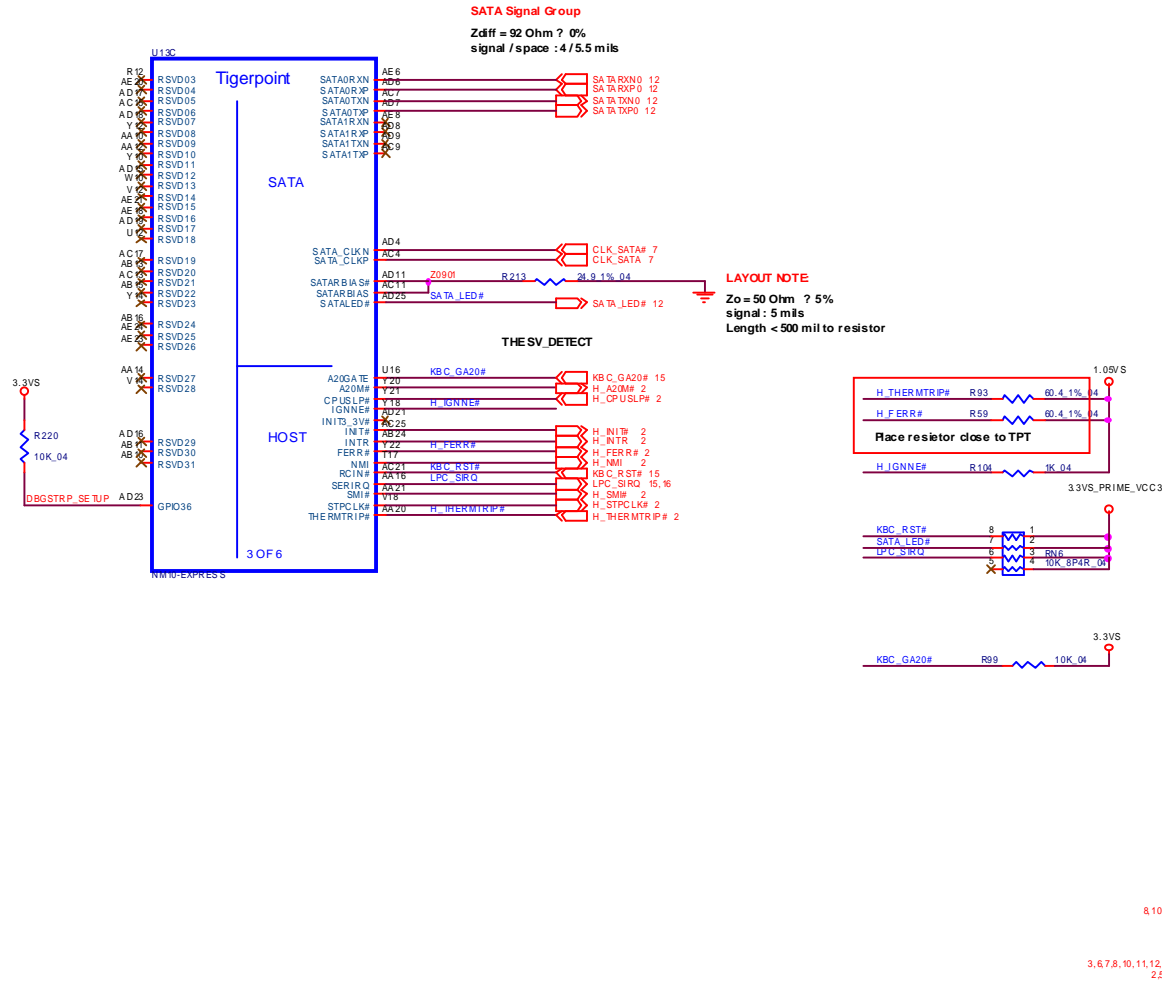


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Tigerpoint Part A-B

B. Schematic Diagrams

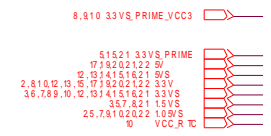
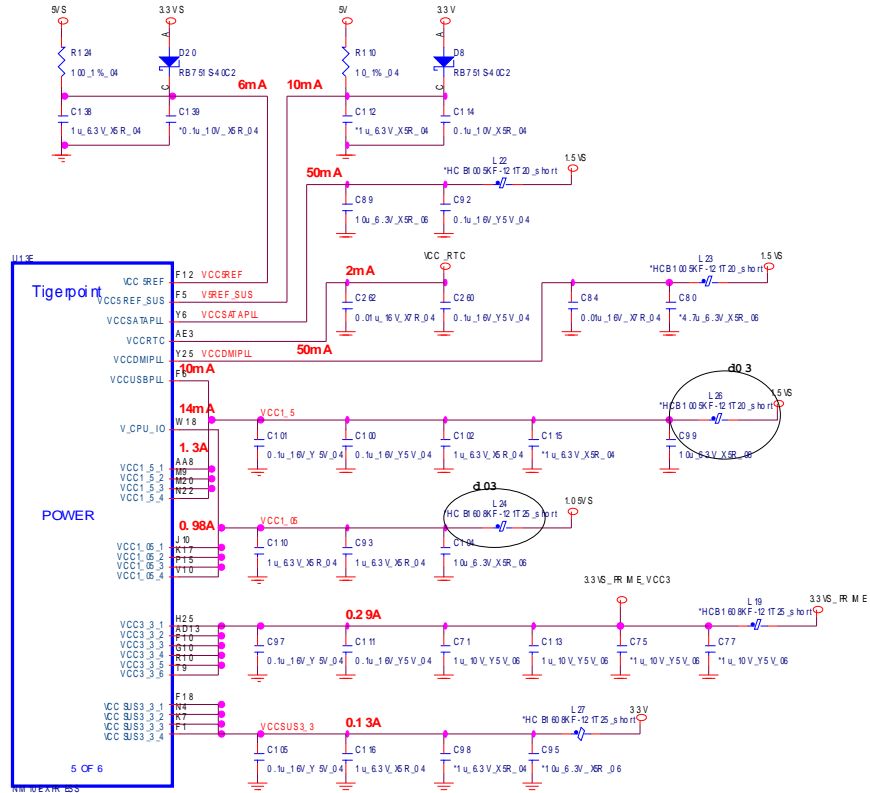
Tigerpoint Part C

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Tigerpoint Part C

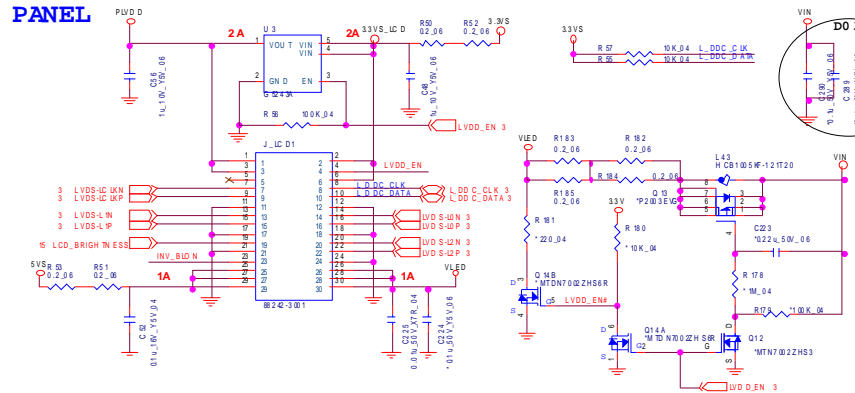


Tigerpoint Part E-F

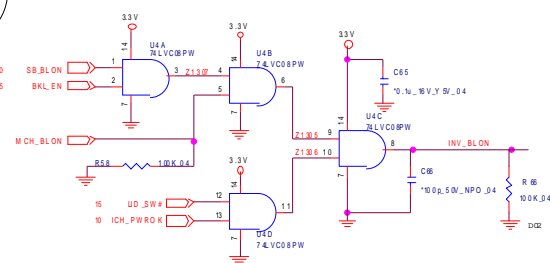
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Tigerpoint Part E-F



Panel, HDD, LED

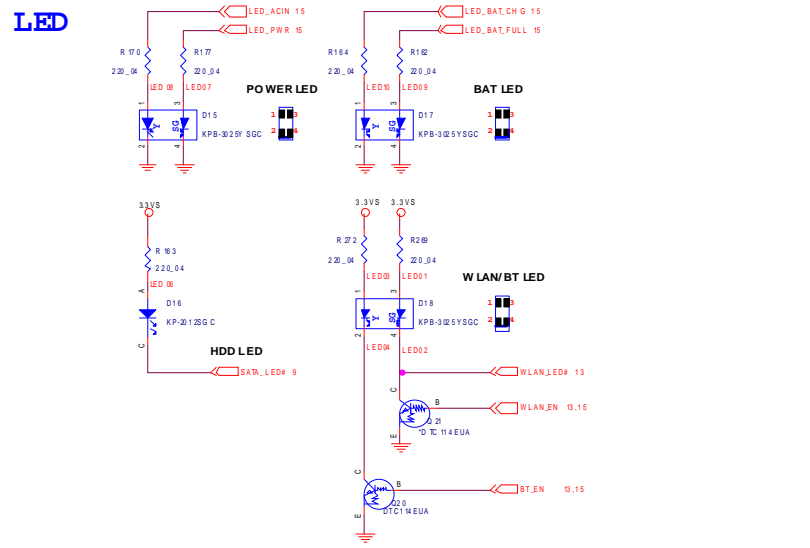


BACKLIGHT ON CONTROL

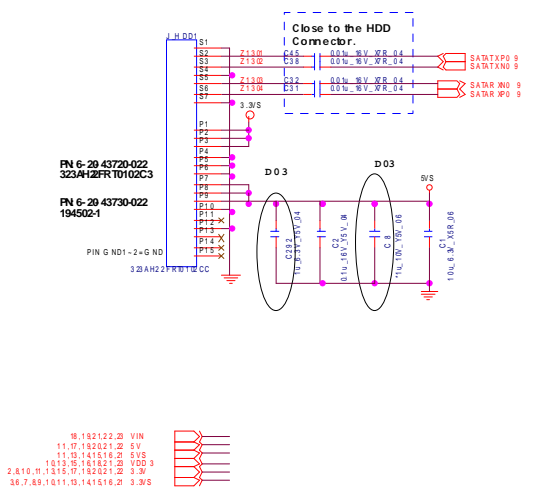


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Panel, HDD, LED

B. Schematic Diagrams

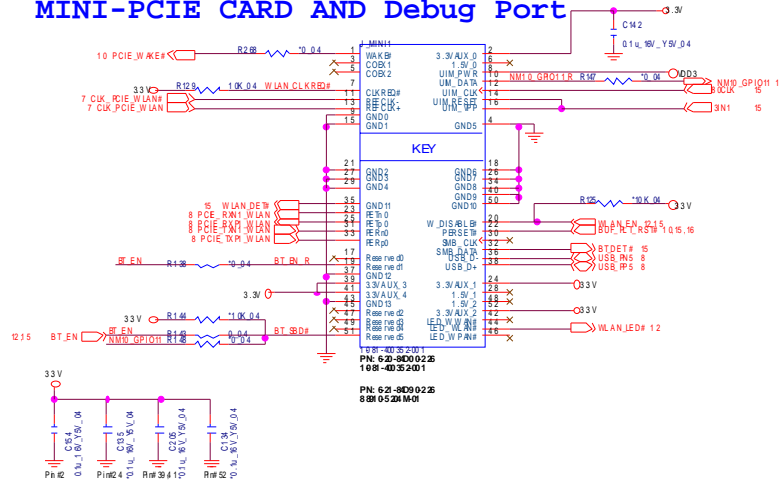


SATA HDD

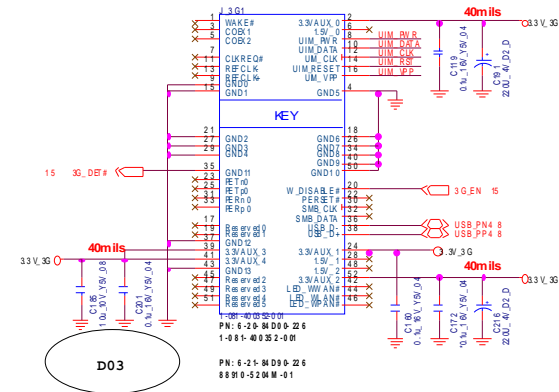


BTB, 3G, WLAN, BT

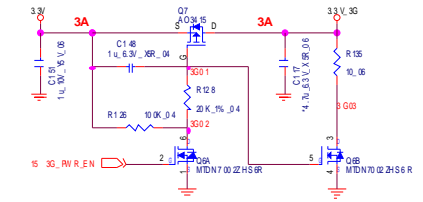
MINI-PCIE CARD AND Debug Port



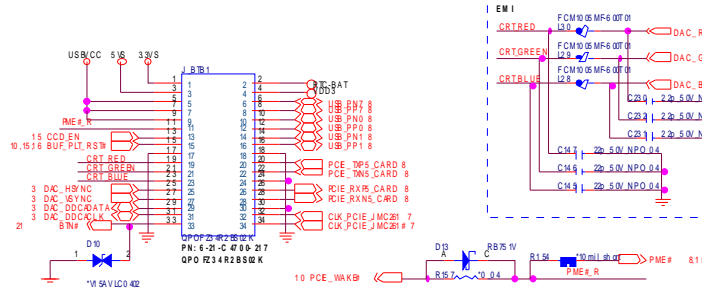
3G CARD



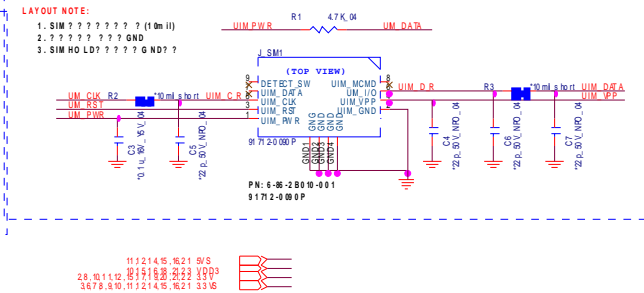
3G POWER



CONN. FOR CONT TO CR/B



SIM CONN

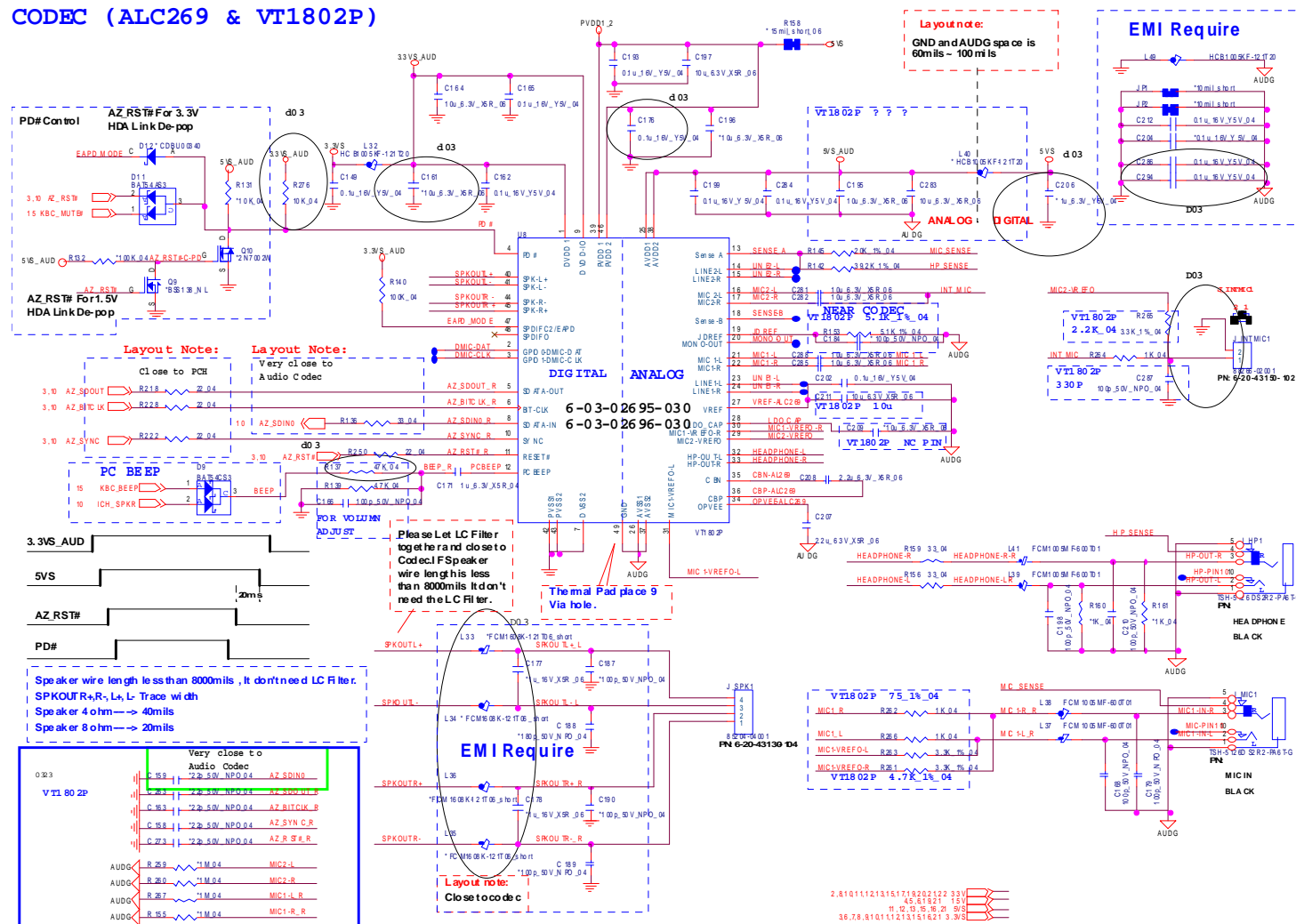


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BTB, 3G, WLAN, BT



Audio Codec VT1812P

CODEC (ALC269 & VT1802P)

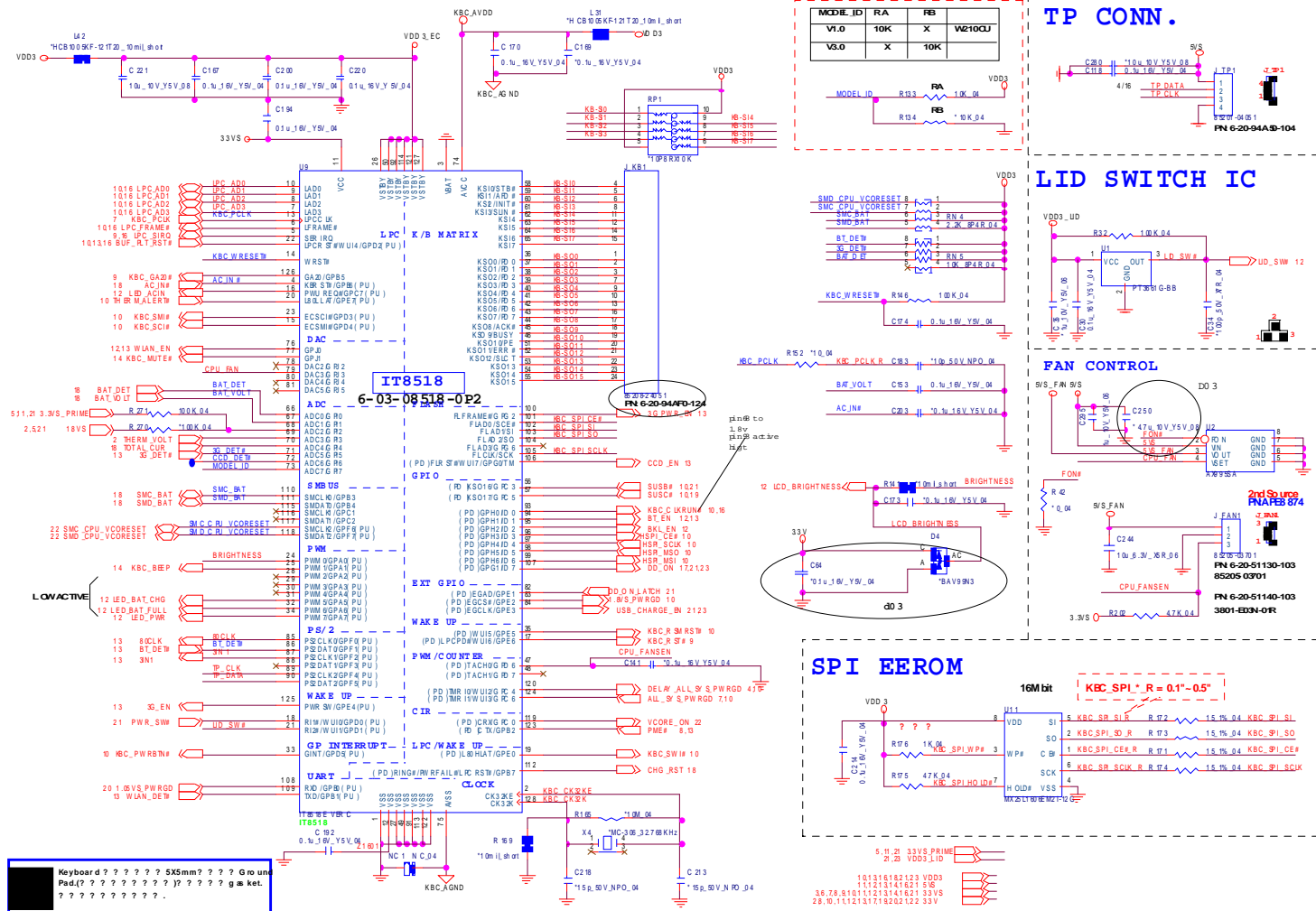


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Audio Codec
VT1812P

B.Schematic Diagrams

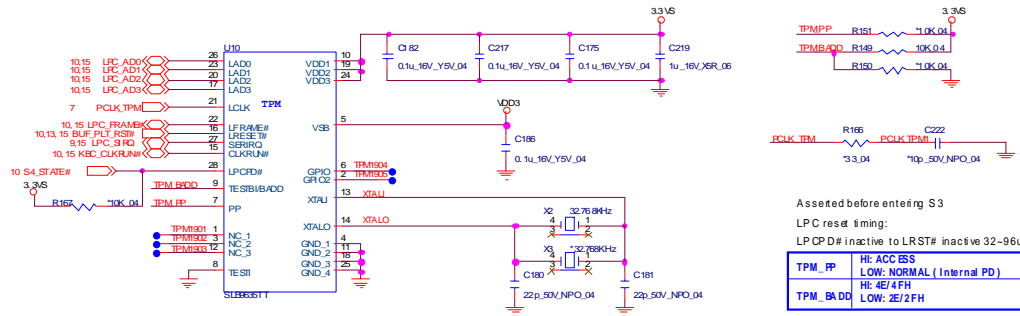
KBC-ITE IT8502E-J, TP, LID

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KBC-ITE IT8502E-J,
TP, LID



TPM & HDMI

TPM 1.2

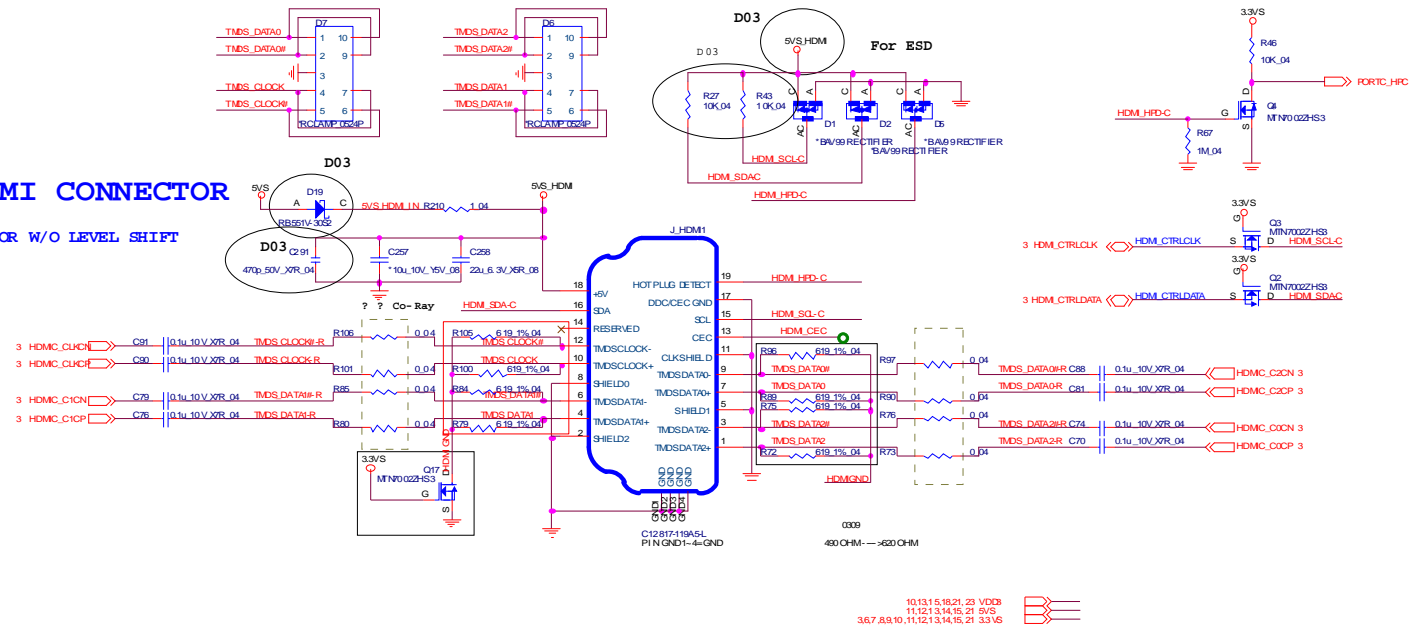


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 TPM & HDMI

B.Schematic Diagrams

HDMI CONNECTOR

FOR W/O LEVEL SHIFT

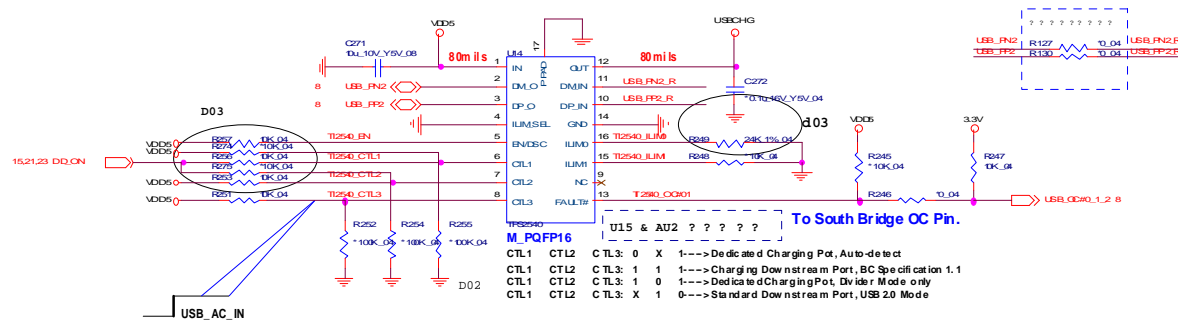


USB PORT & USB CHARGER

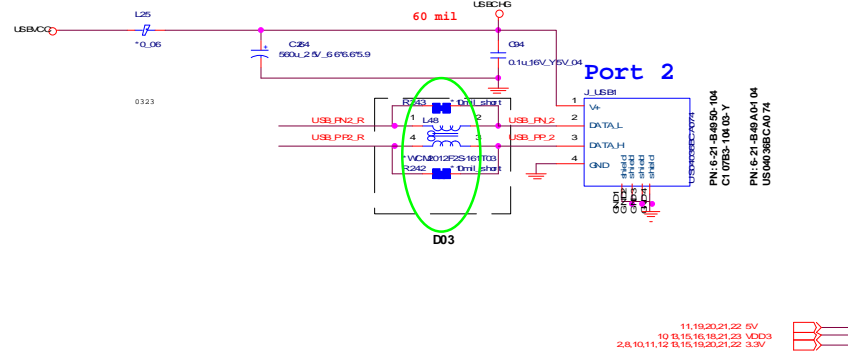
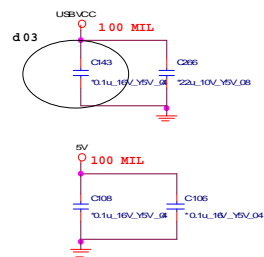
USB PORT_2

USB Charge PORT

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USB PORT & USB CHARGER



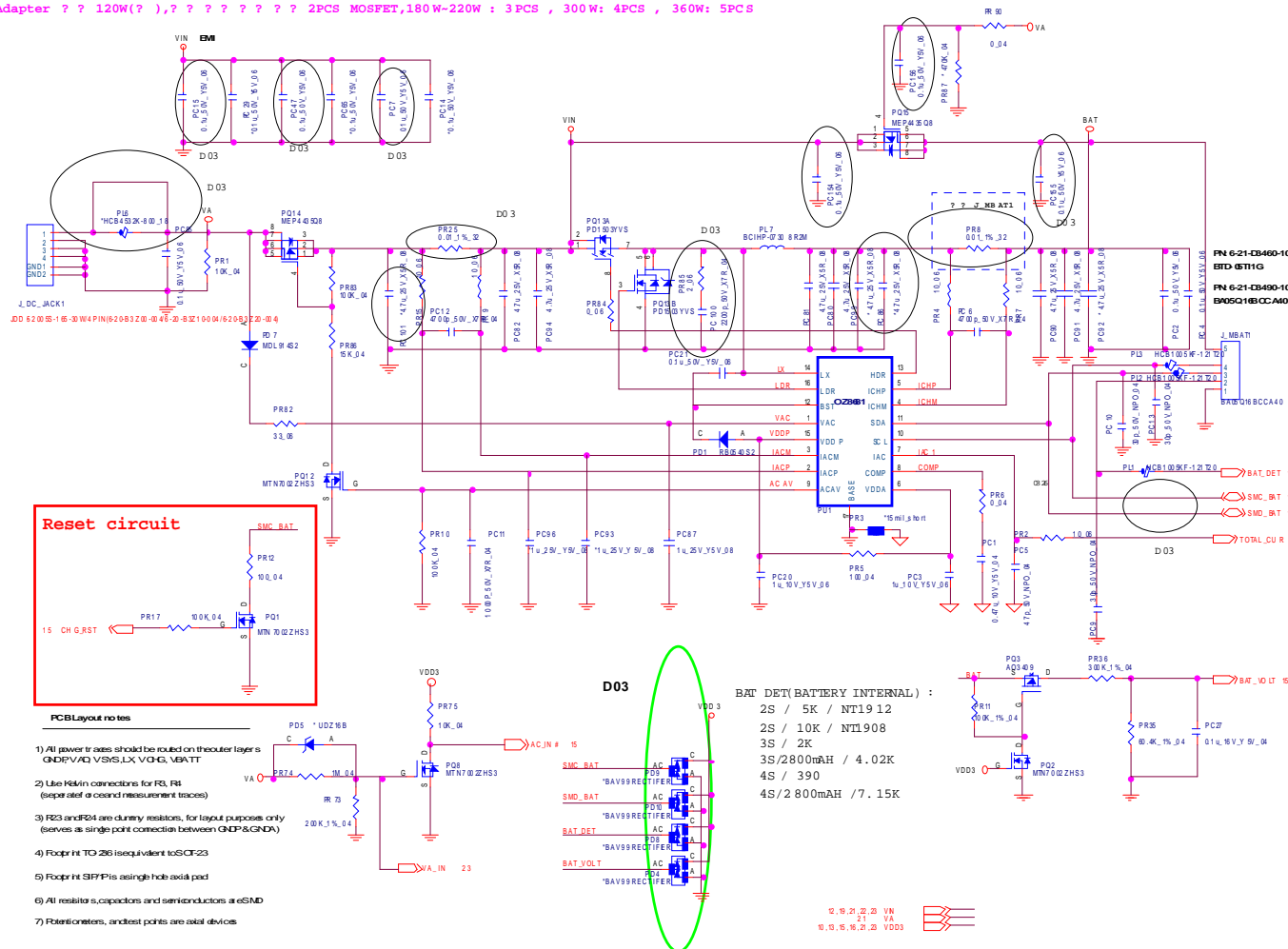
MODEL		FUNCTION
AC/DC	H	Charge
Battery	L	Discharge



11,19,20,21,22 5V
10,15,16,18,21,23 VDD3
2,8,10,11,12,15,19,20,21,22 3.3V

PWR AC IN, CHARGE

? Adapter ?? 120W(?),? ? ? ? ? ? ? ? 2PCS MOSFET,180W-220W : 3PCS , 300W: 4PCS , 360W: 5PCS

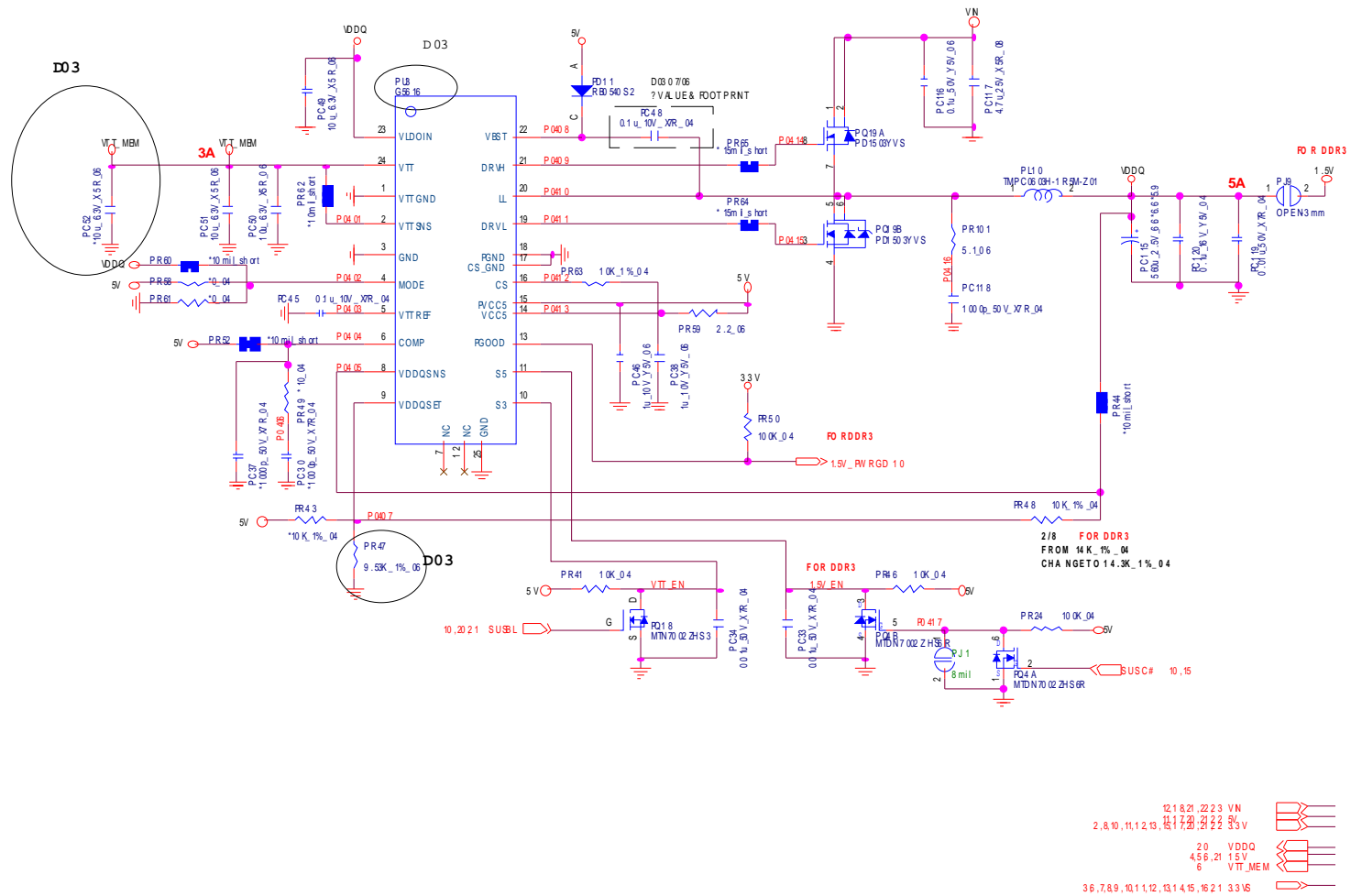


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PWR AC IN,
CHARGE

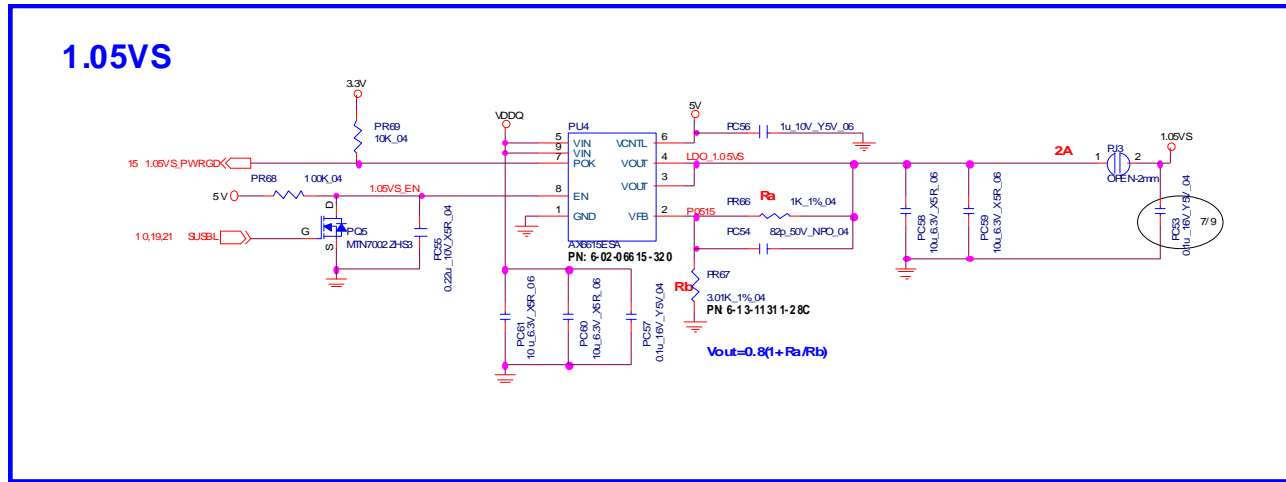


PWR 1.5V, 0.75V

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PWR 1.5V, 0.75V

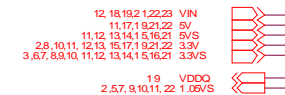
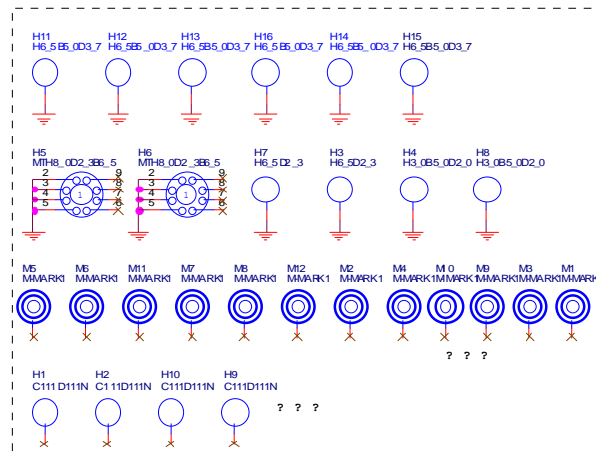


PWR 1.05VS



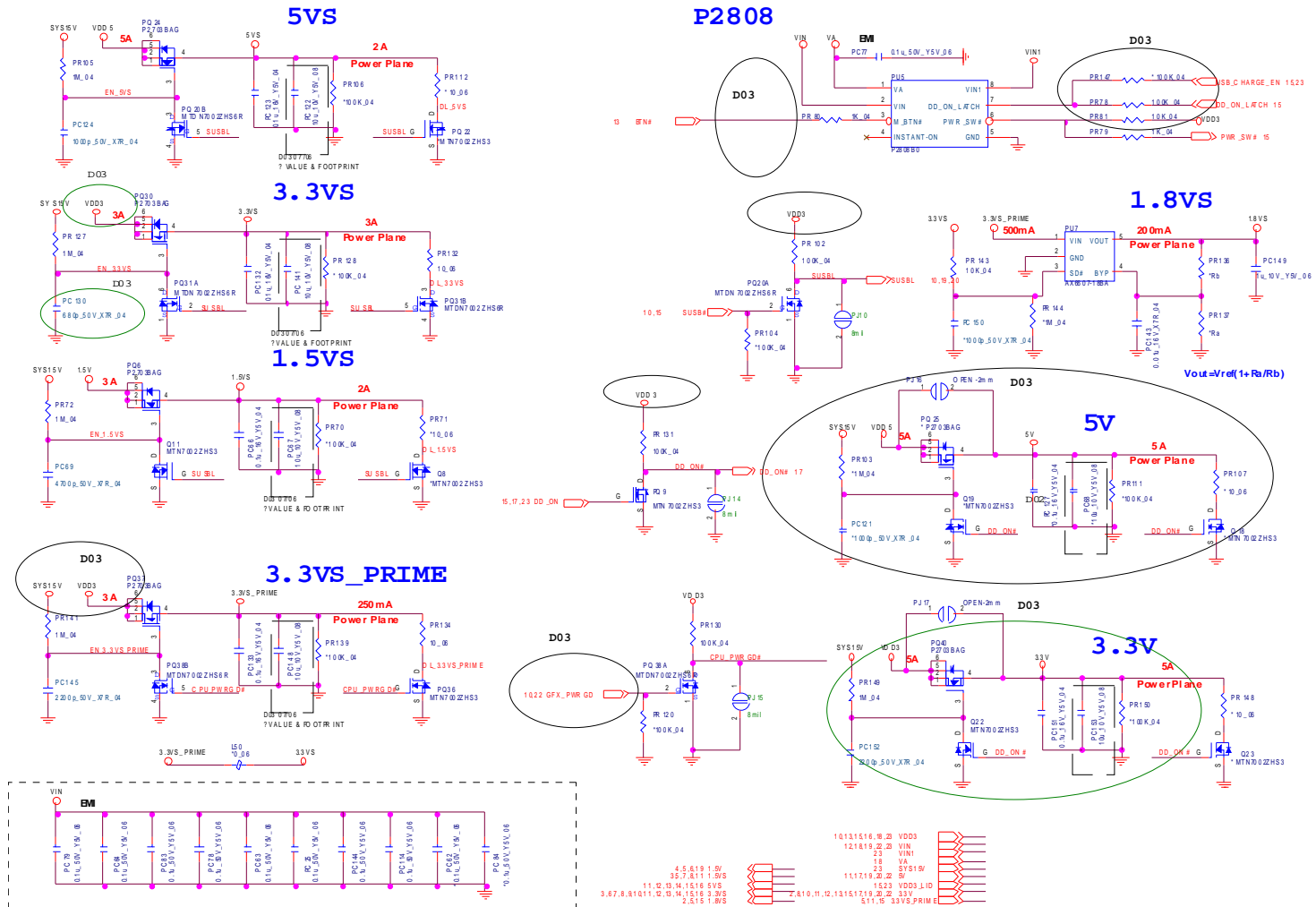
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PWR 1.05VS

B. Schematic Diagrams

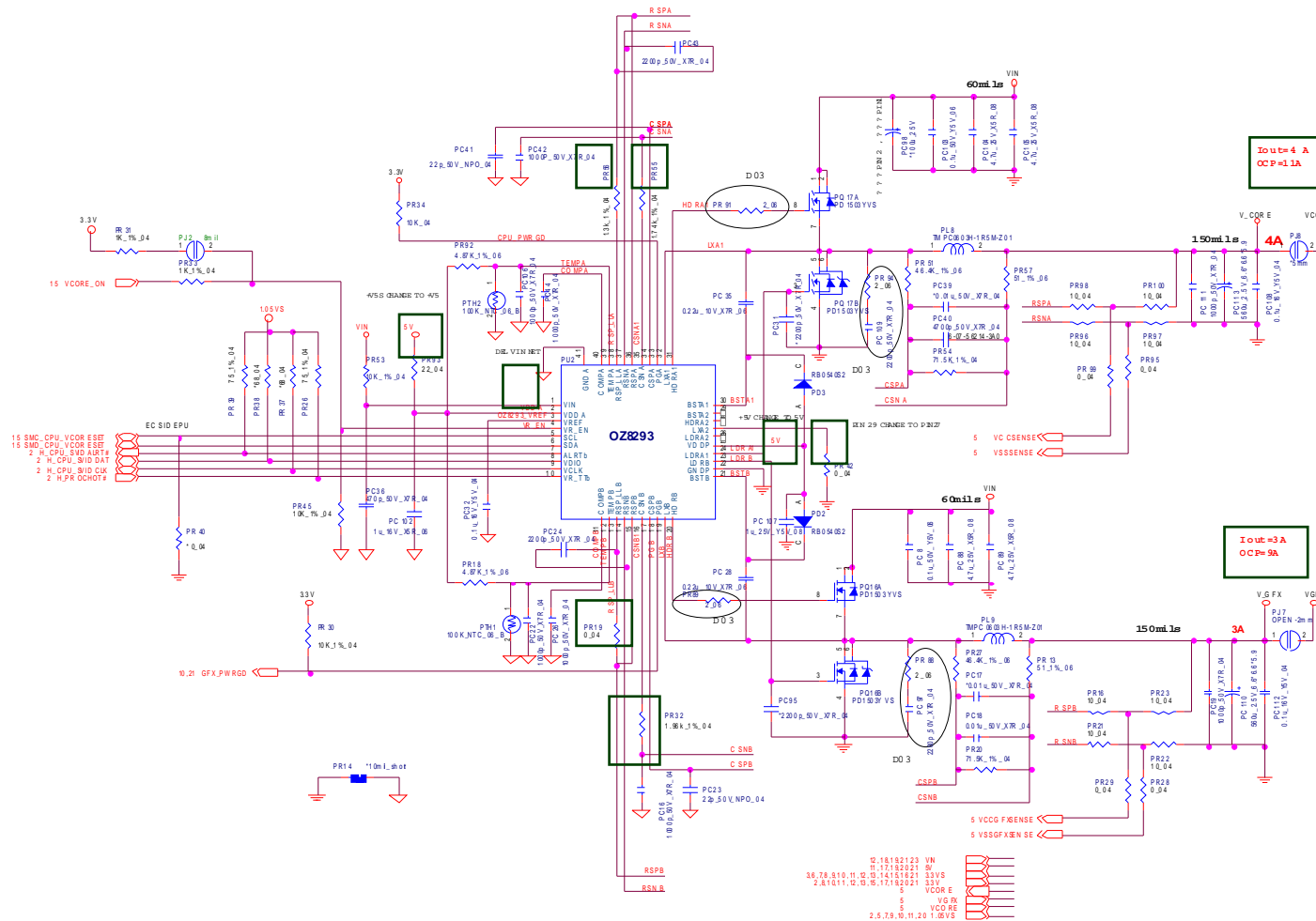


PWR SW, 1.8VS, 3VS, 5VS, 1.5VS

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PWR SW, 1.8VS,
3VS, 5VS, 1.5VS



PWR VCORE

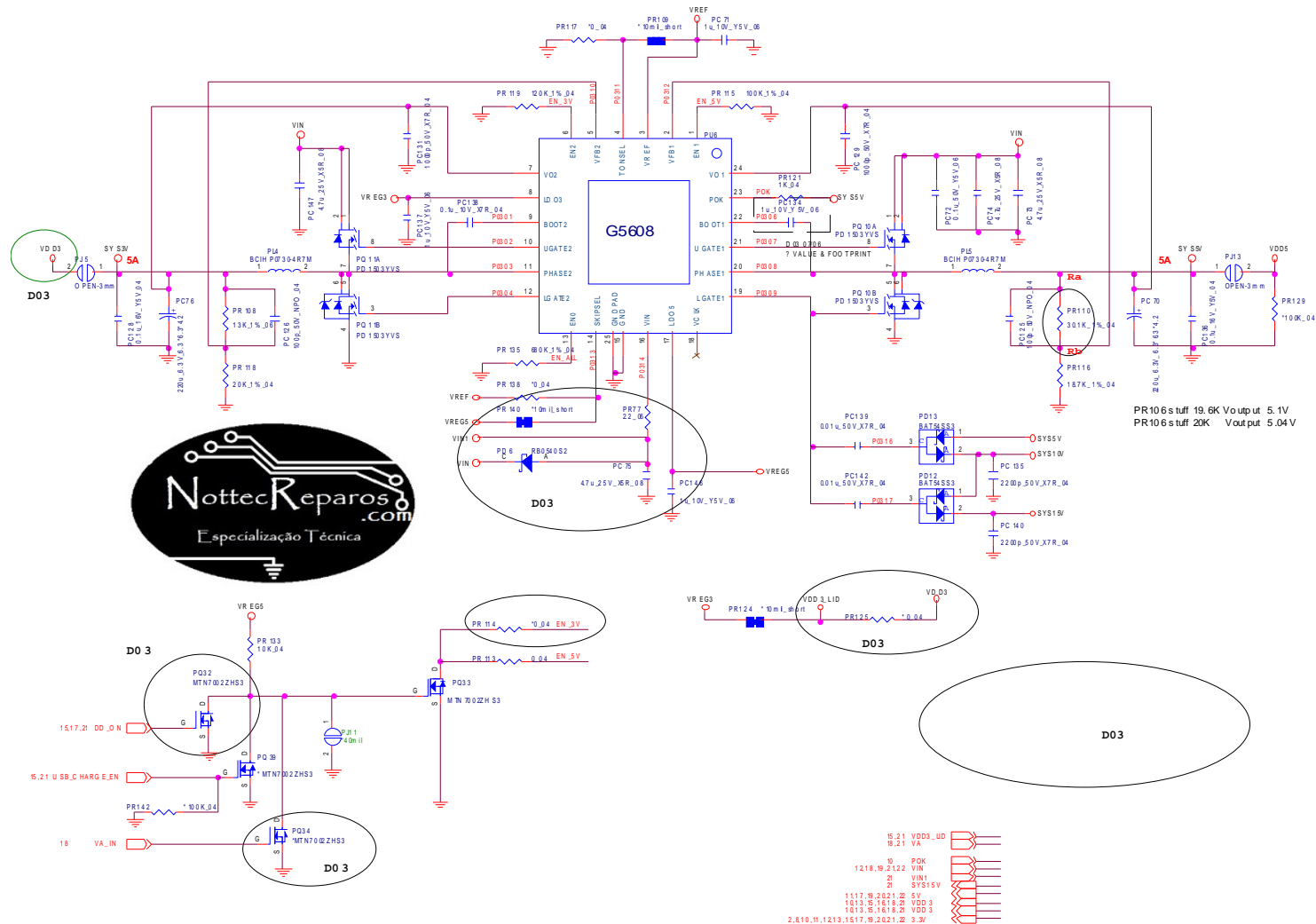


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PWR VCORE

B.Schematic Diagrams

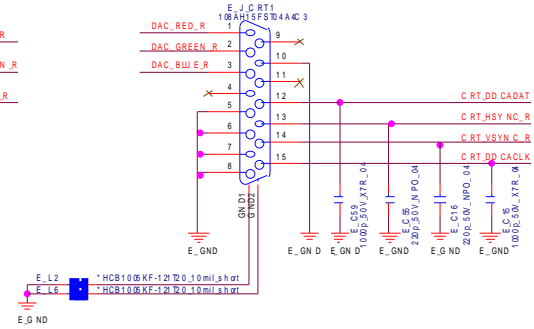
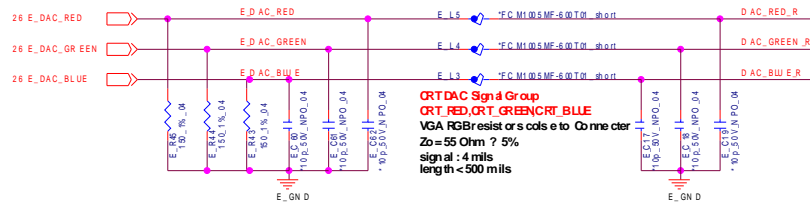
PWR VDD3, 3.3V, VDD5V, SYS15V

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PWR VDD3, 3.3V,
VDD5V, SYS15V



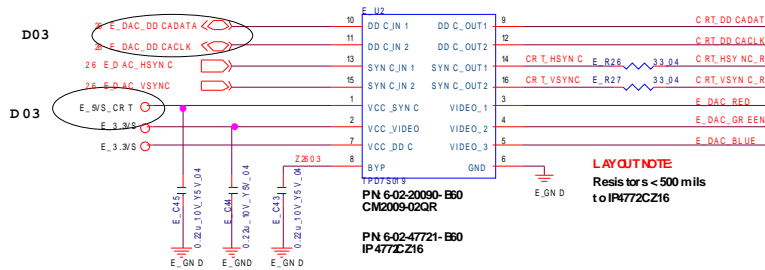
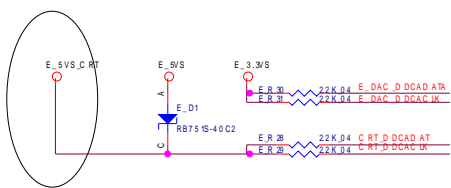
CRT

CRT



PN 6-20-14X20-015
108AH15FST 04A4C3

D 03

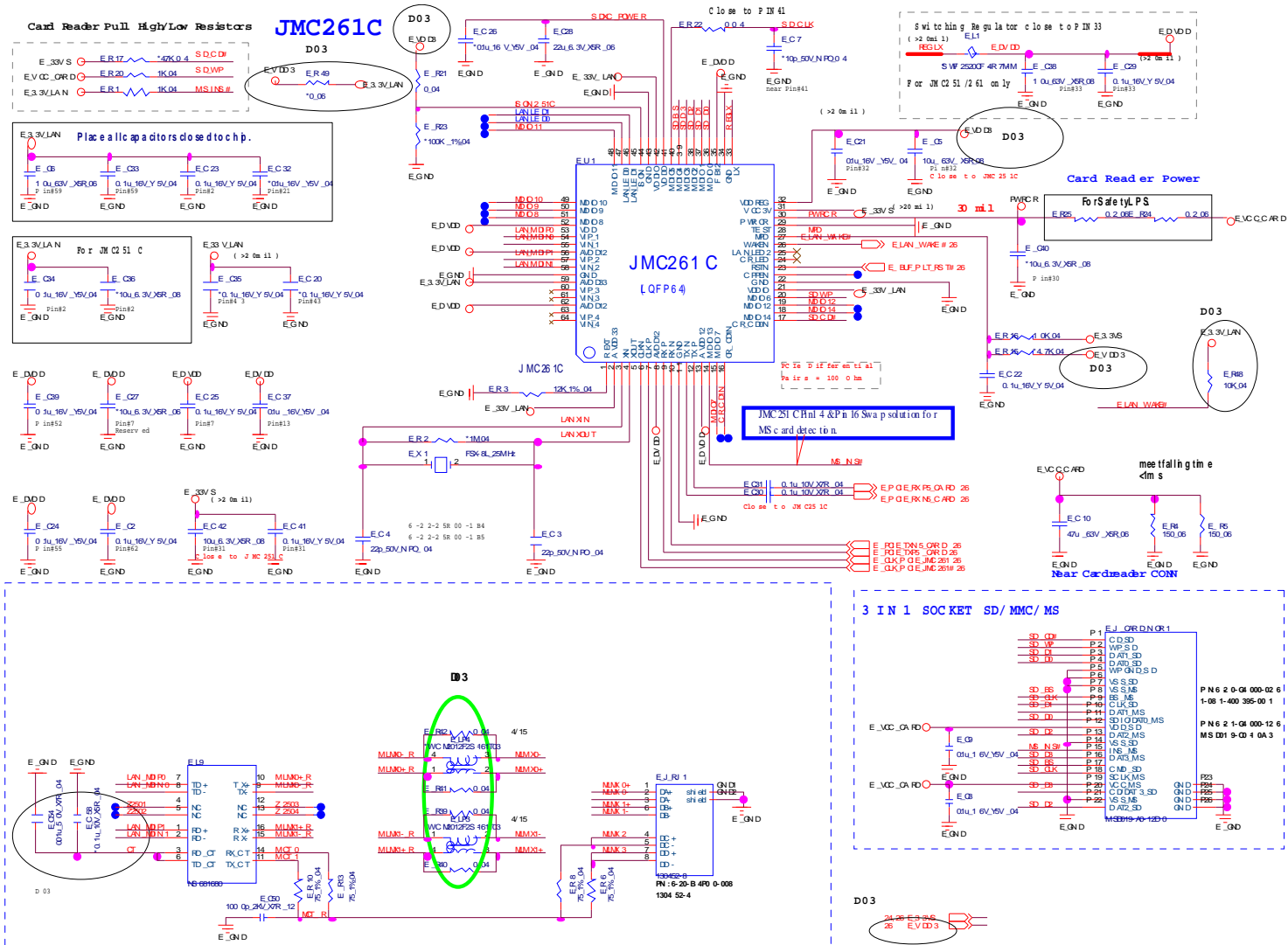


LAYOUT NOTE
Resistors < 500 mils
to IP4772CZ16



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CRT

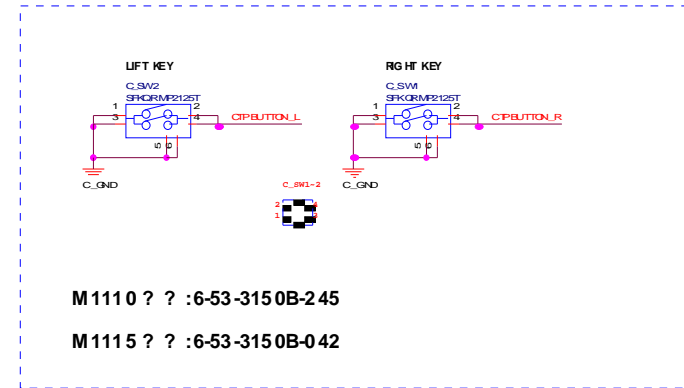
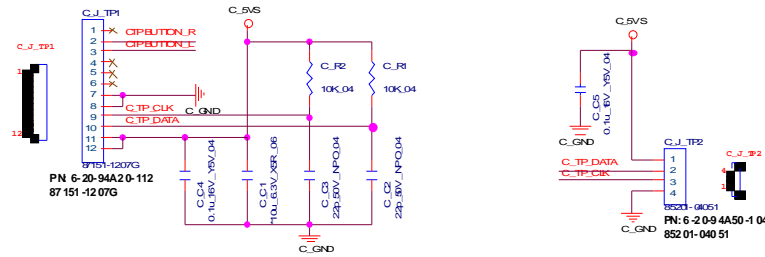
Card Reader (w/ LAN) JMB261C



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Card Reader (w/
LAN) JMB261C

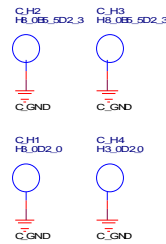
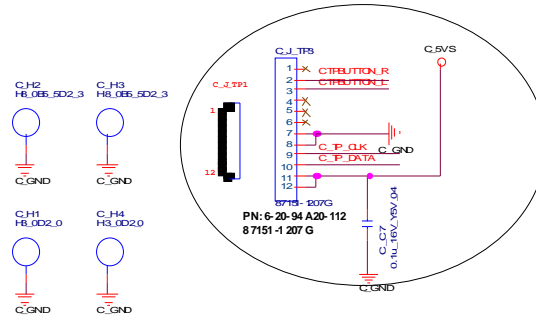
B.Schematic Diagrams

Click Board

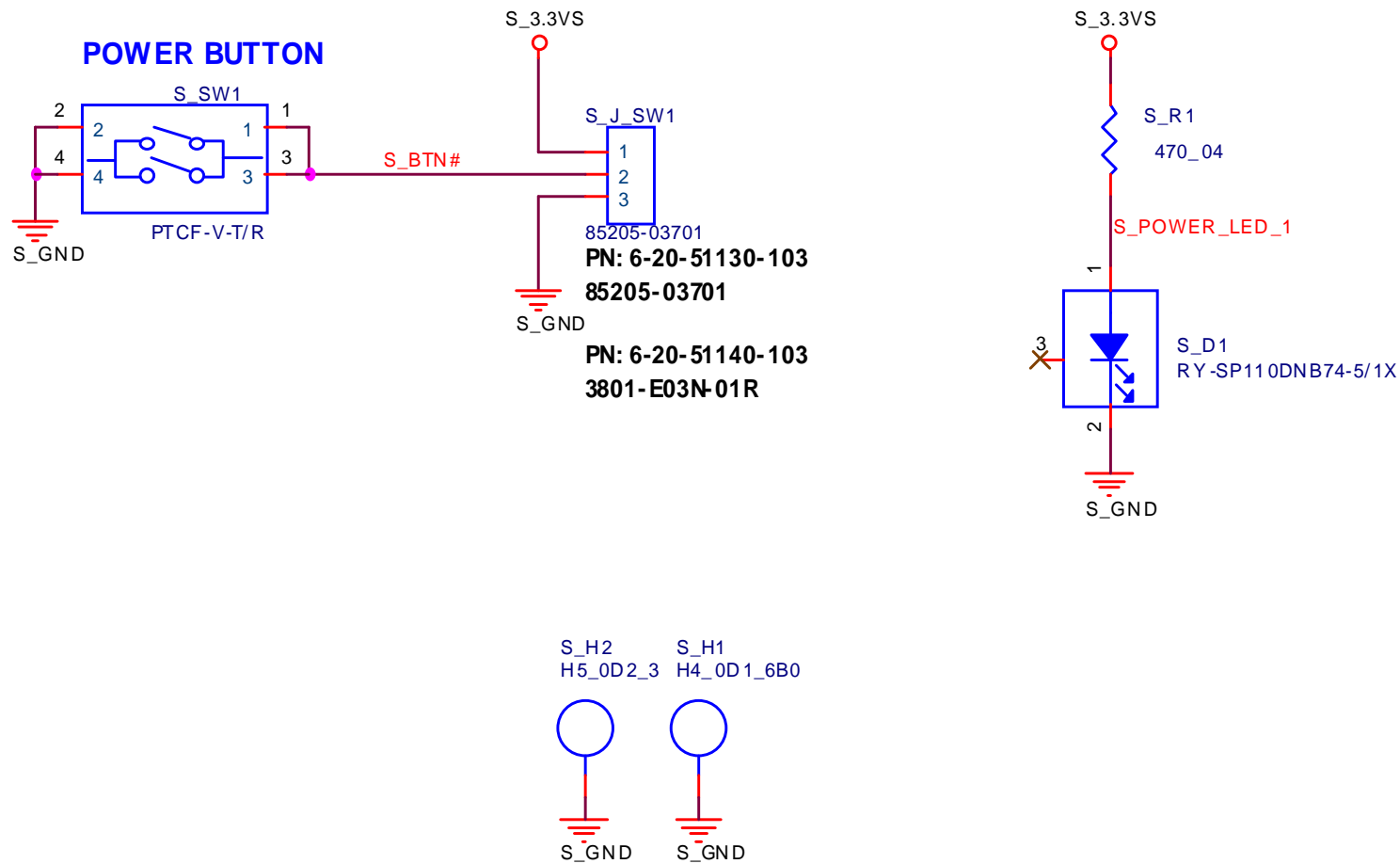


M1110 ? ? :6-53-3150B-245
 M1115 ? ? :6-53-3150B-042

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 Click Board



Power Button Board

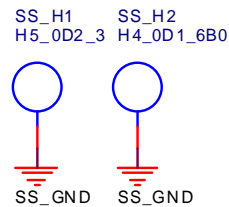
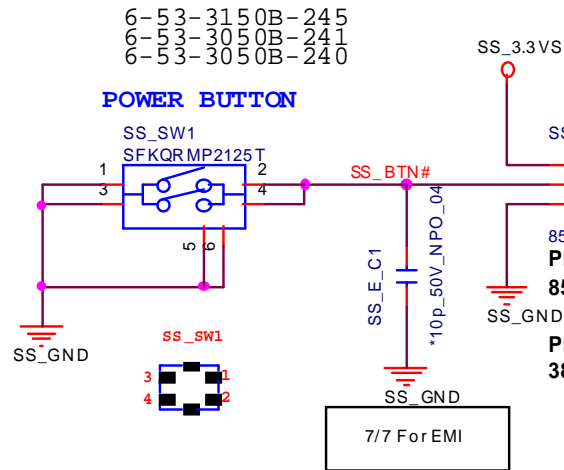


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Power Button Board

B.Schematic Diagrams

Power Button for M1115

Sheet 29 of 29
Power Button for
M1115



POWER SWITCH LED

