

Appendix B: Schematic Diagrams

This appendix has circuit diagrams of the **W760S/W765S** notebook's PCB's. The following table indicates where to find the appropriate schematic diagram.

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**Schematic
Diagrams**

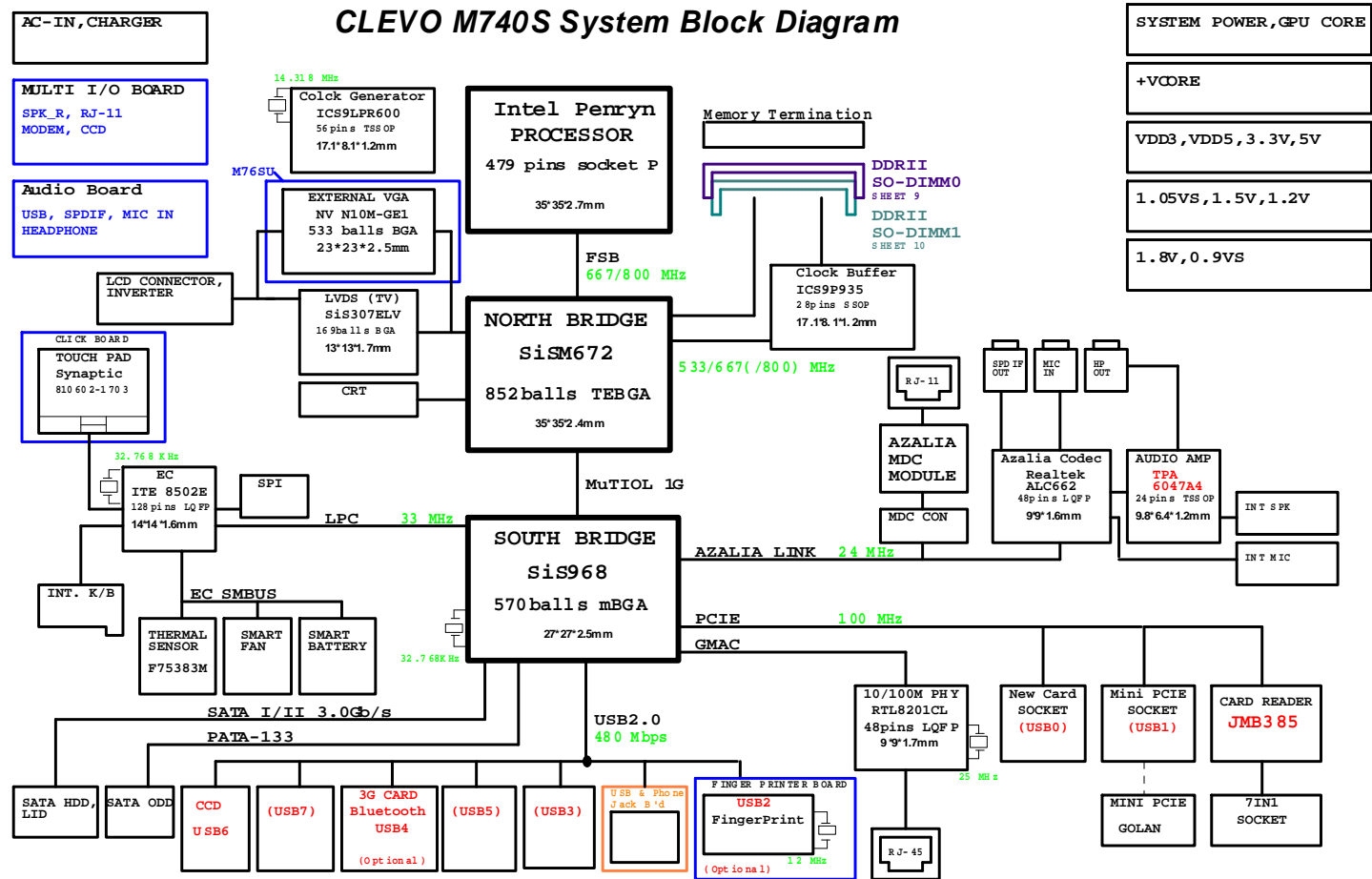


Version Note

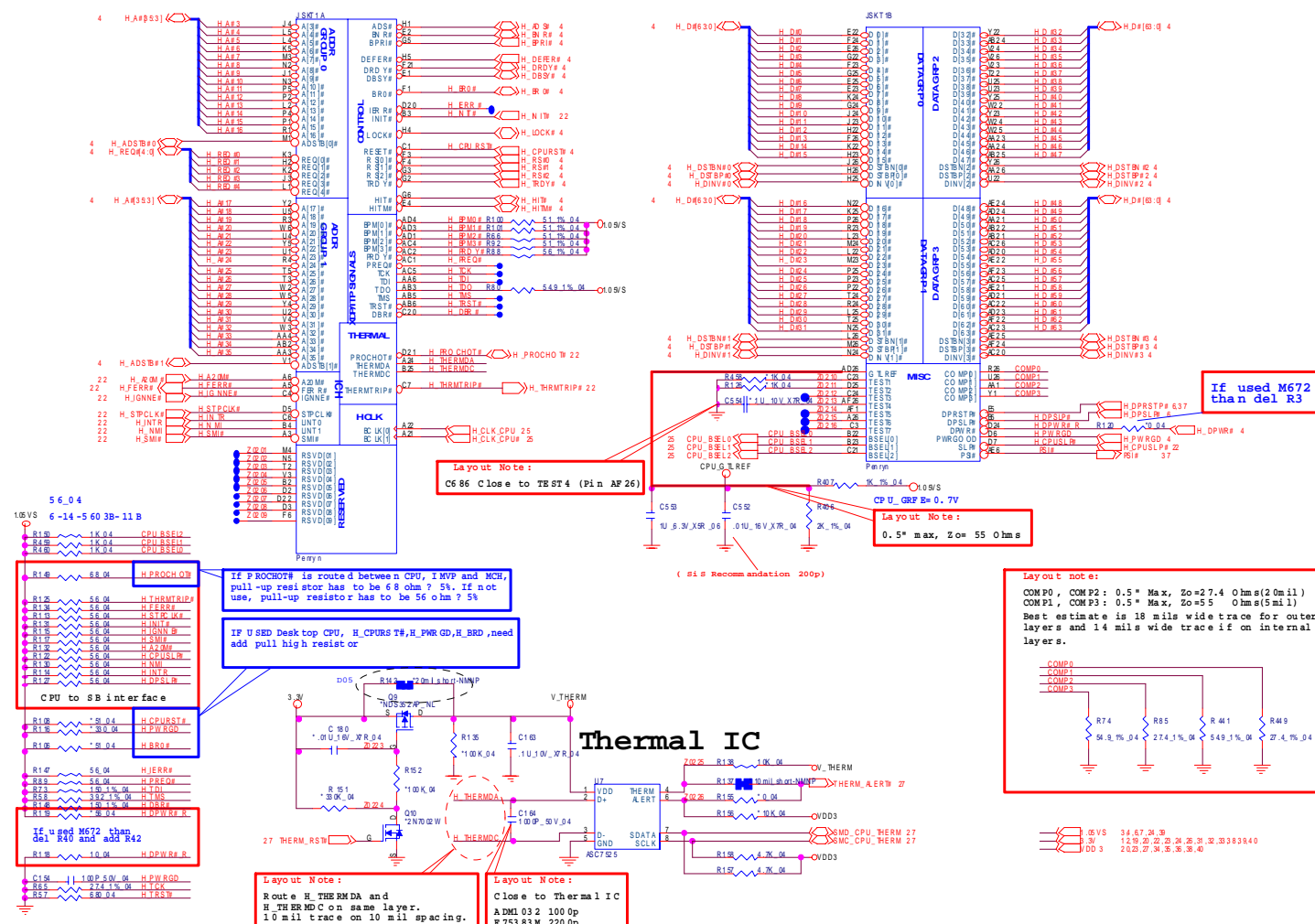
The schematic diagrams in this chapter are based upon version 6-7P-M74SA-001. If your mainboard (or other boards) are a later version, please check with the Service Center for updated diagrams (if required).

System Block Diagram

Sheet 1 of 38
System Block
Diagram



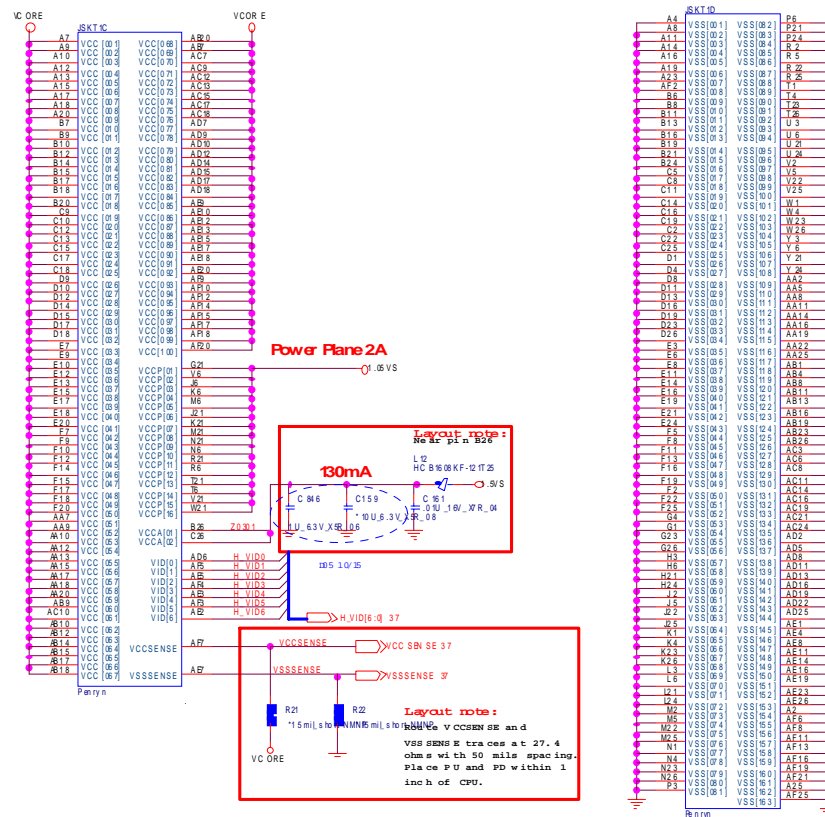
Penryn (Socket-P) 1/2



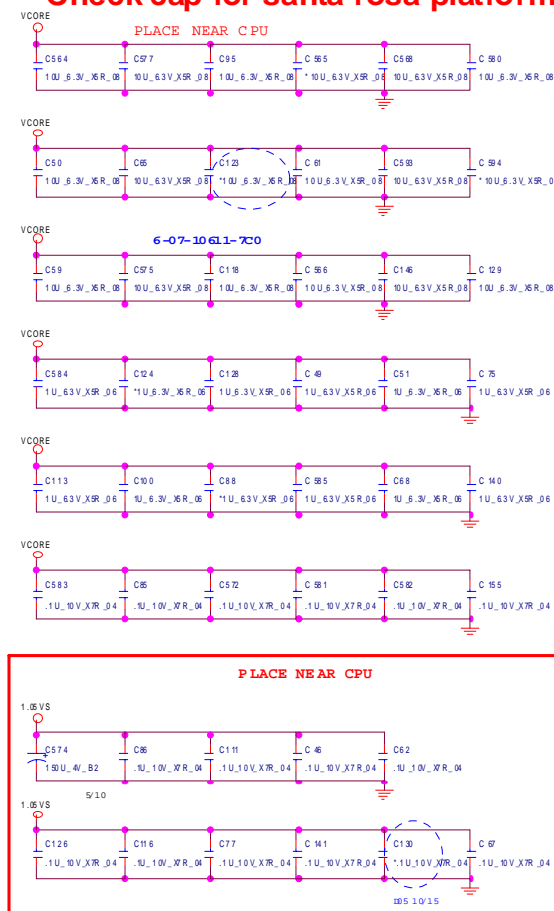
Sheet 2 of 38
Penryn (Socket-P)
1/2

Penryn (Socket-P) 2/2

Sheet 3 of 38
Penryn (Socket-P)
2/2

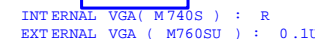


Check cap for santa rosa platform



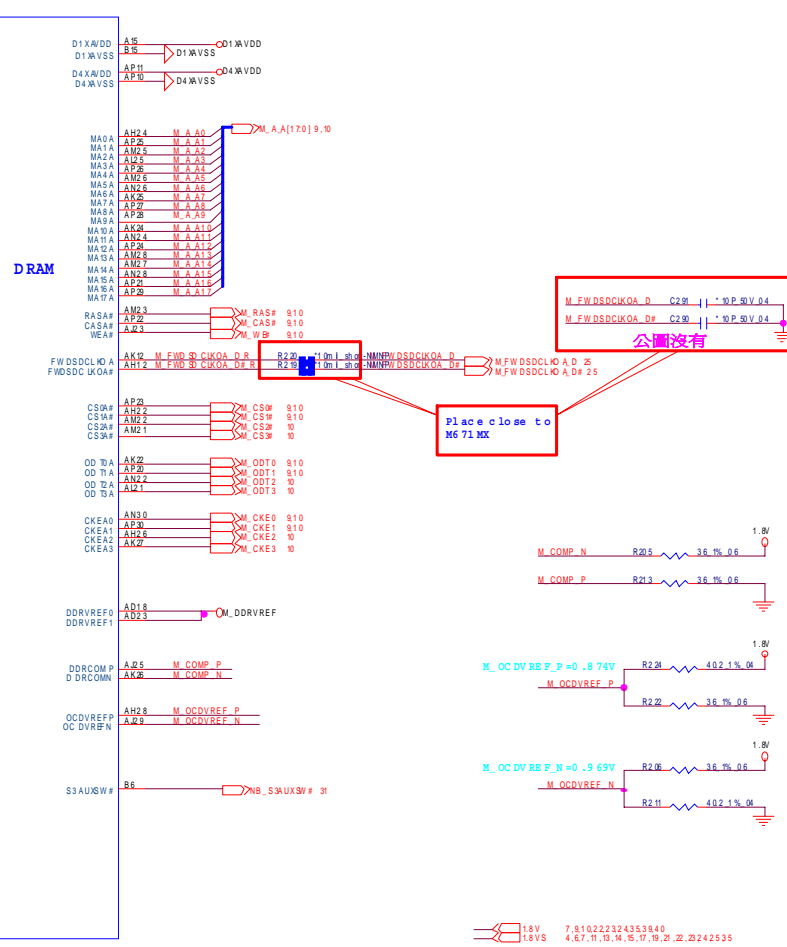
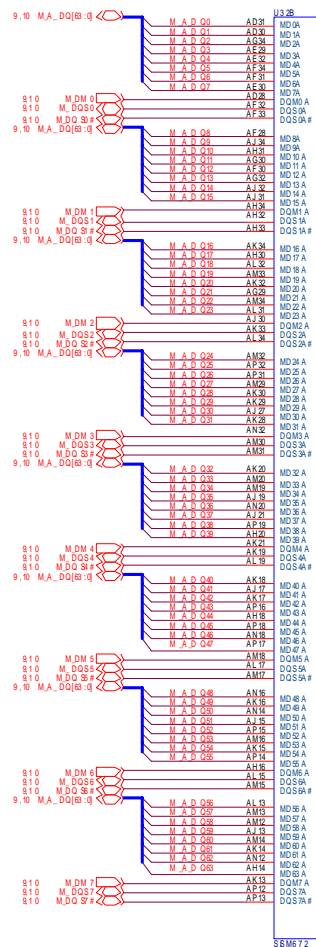
105VS	2,46,7,24,39
15VS	6,33,35
VCORE	37

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SiSM672 Host,
PCIE 1/5



B.Schematic Diagrams

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SiSM672 DRAM 2/5

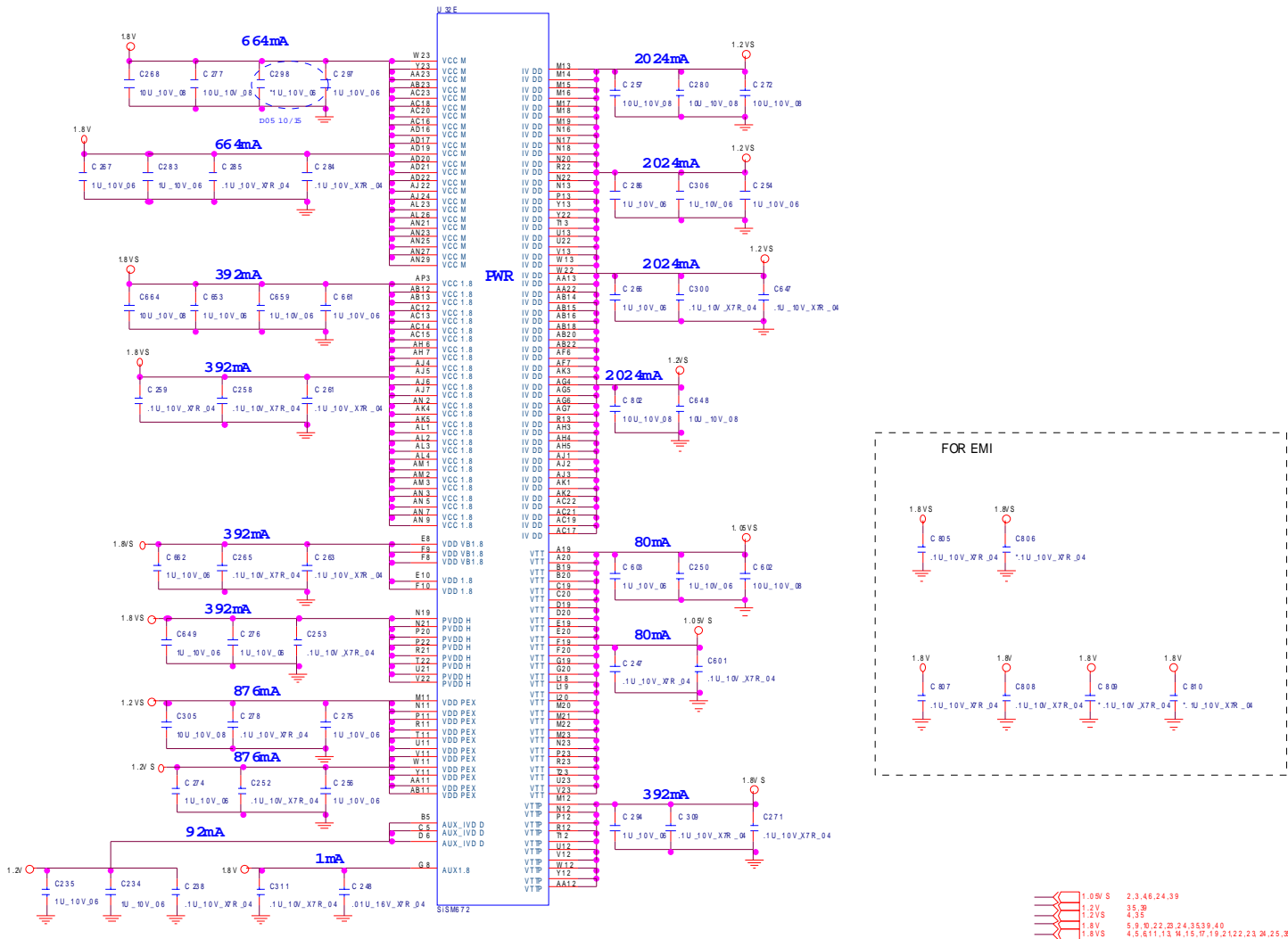


B.Schematic Diagrams

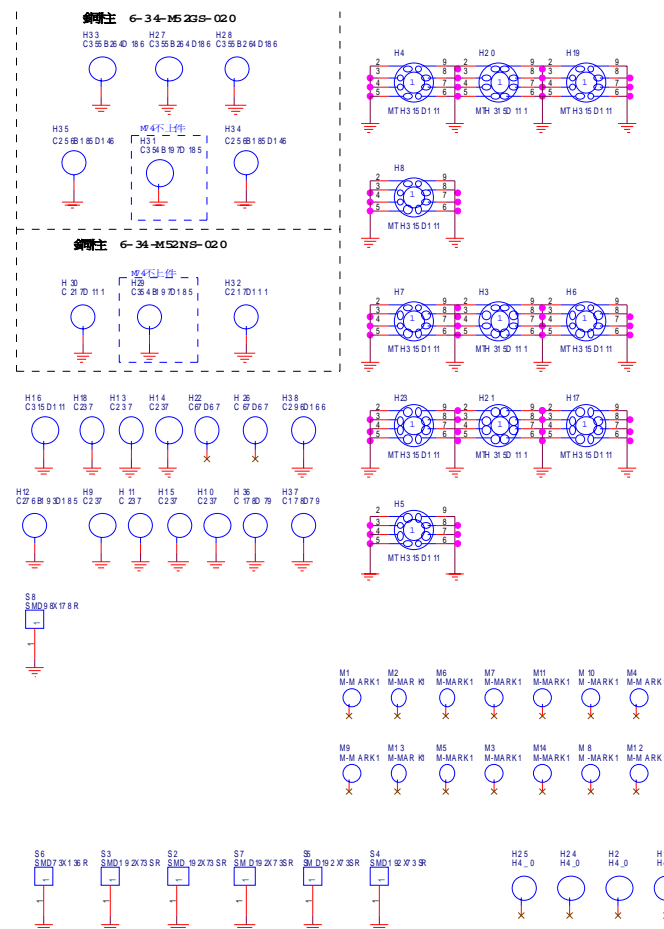
Schematic Diagrams

SiSM672 PWR 4/5

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SiSM672 PWR 4/5



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SiSM672 GND 5/5



SO-DIMM 1

這部份公圖沒有！

M_CLK_DDR0

M_CLK_DDR_1

C354

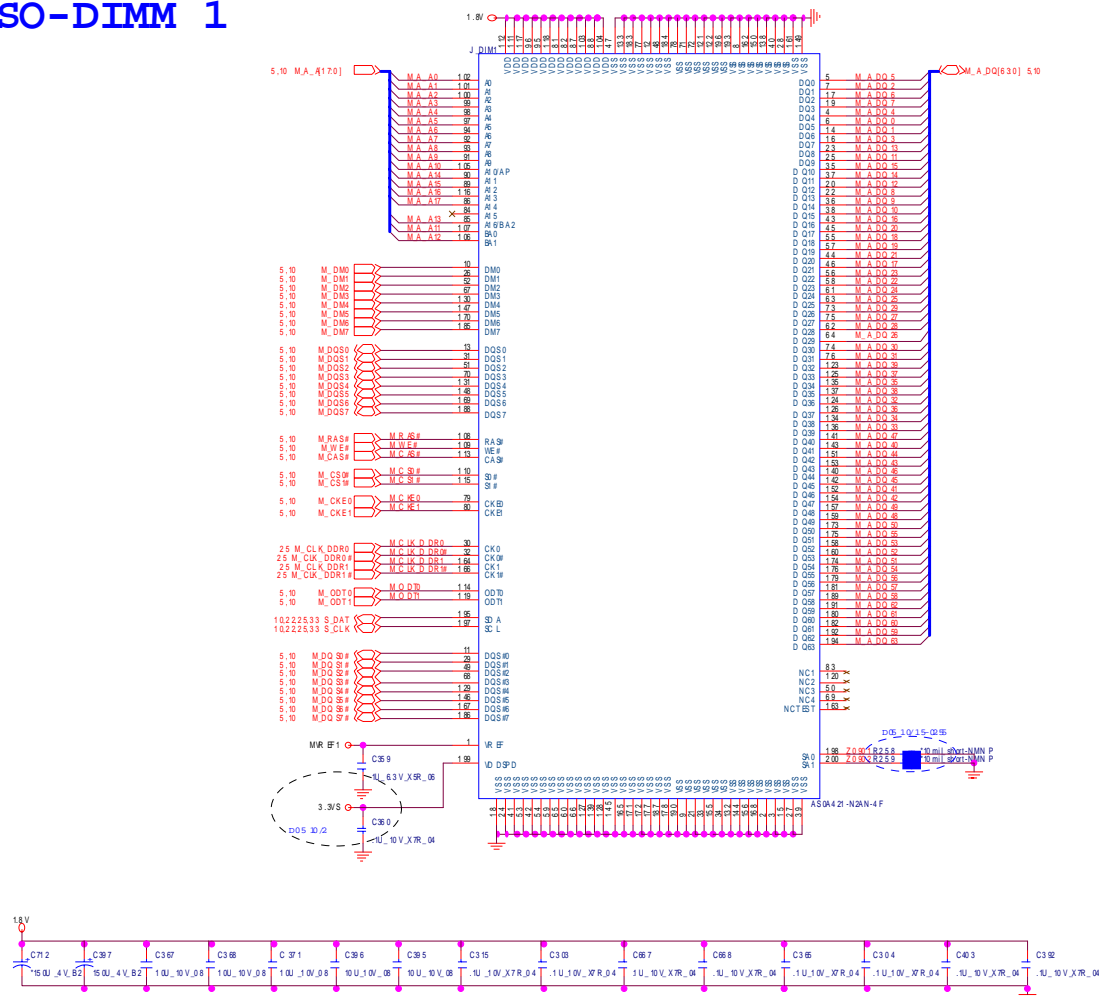
C356

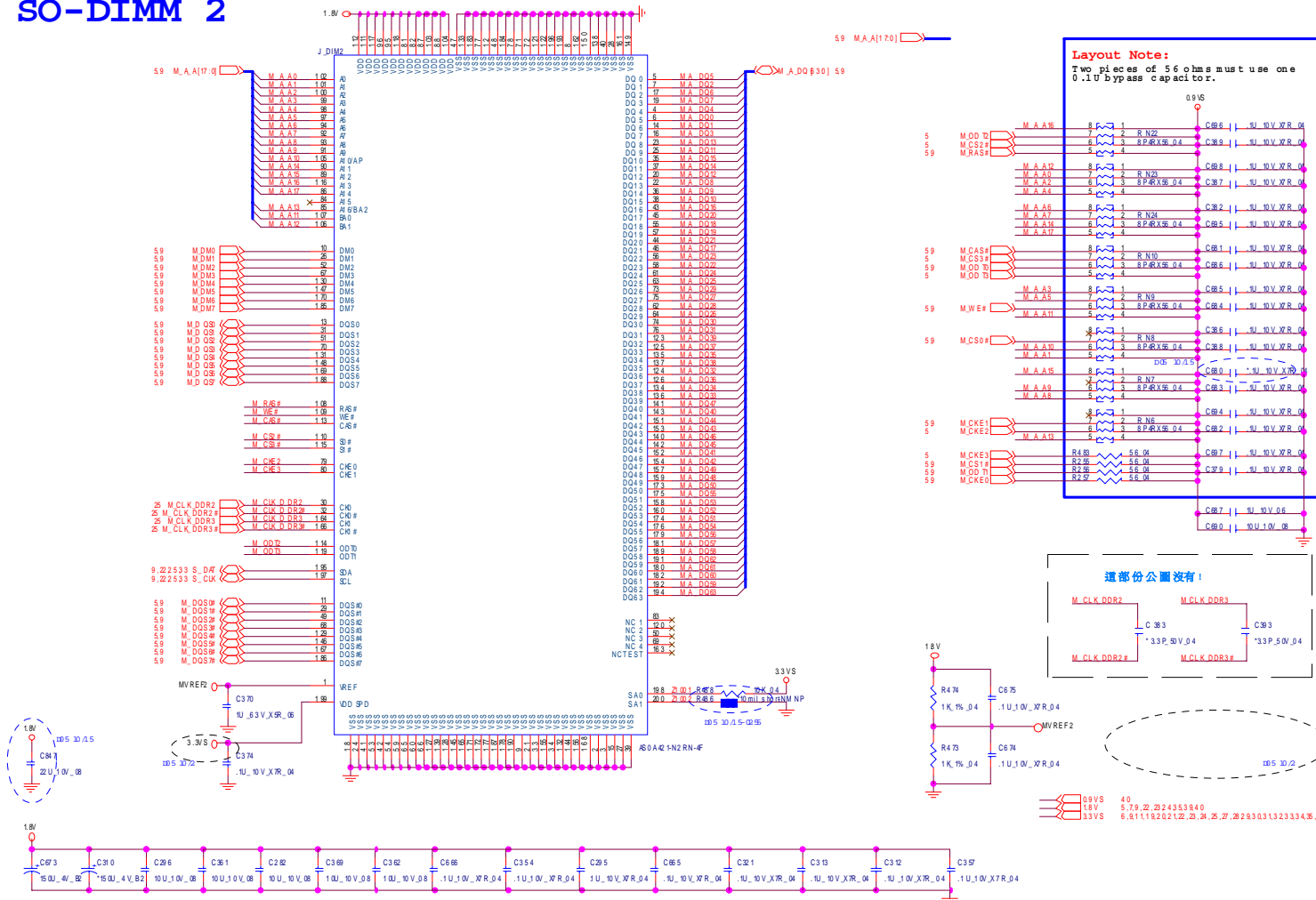
*3.3P_50 V_04

*3.3P_50 V_04

M_CLK_DDR0#

M_CLK_DDR_1#





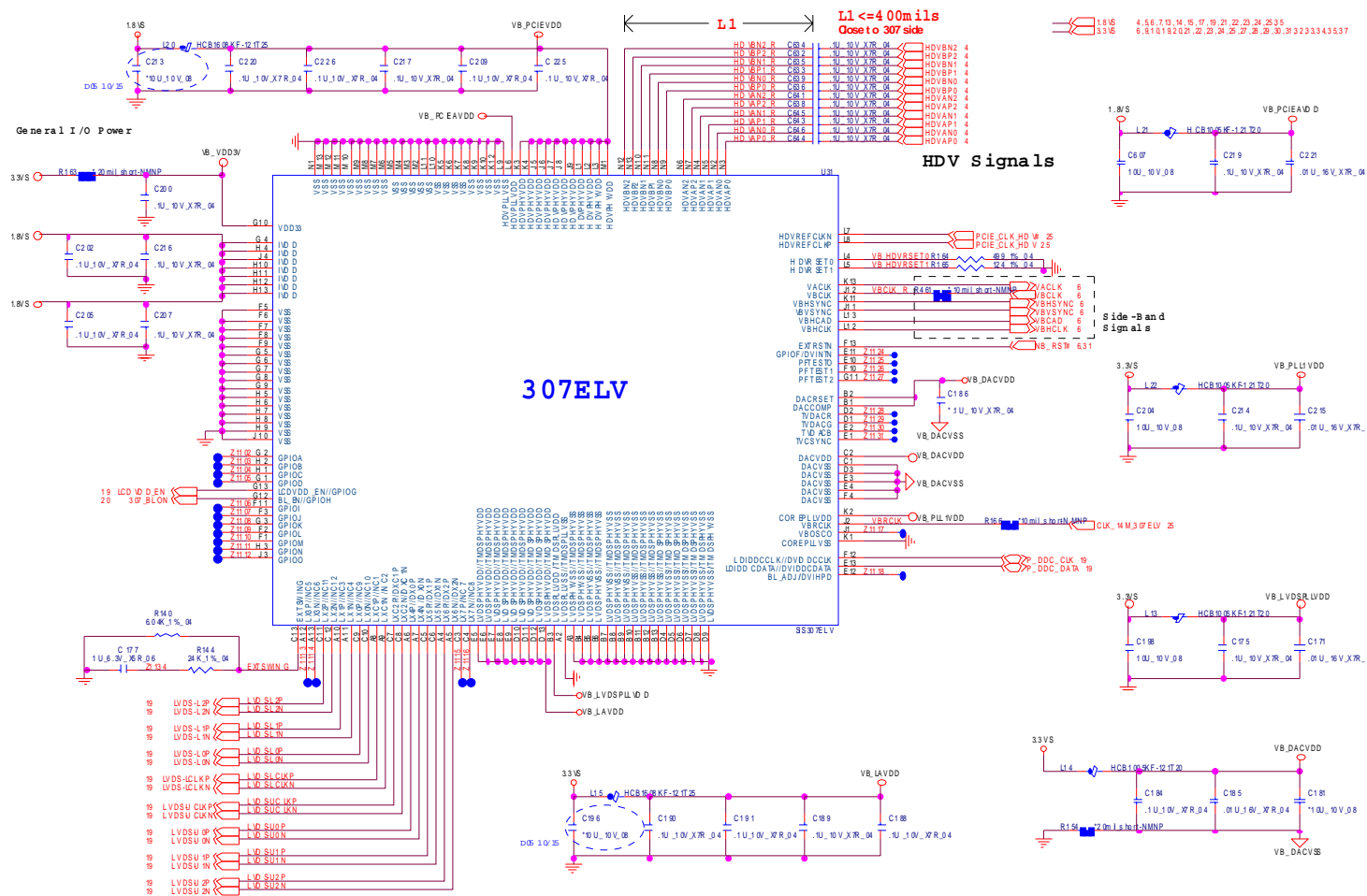
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DDRII SO-DIMM - 2

B. Schematic Diagrams

SiS307ELV

B.Schematic Diagrams

307ELV



CRT

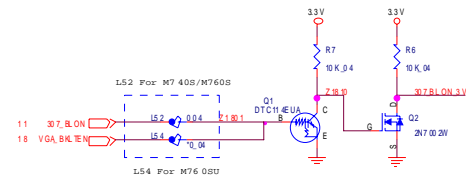
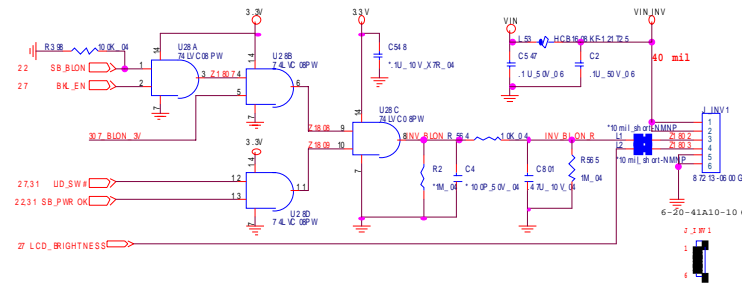


Schematic Diagrams

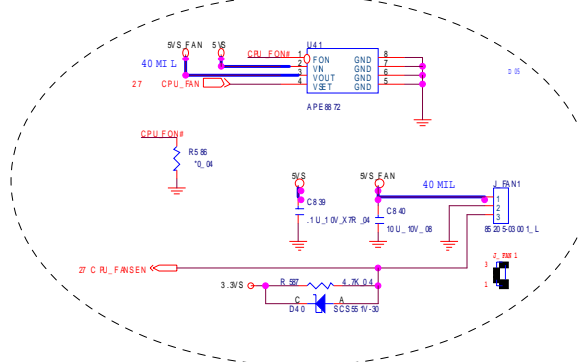
Inverter, Bluetooth, Fan

Sheet 13 of 38
Inverter, Bluetooth,
Fan

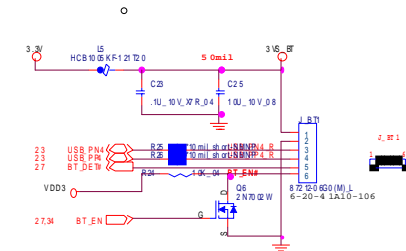
INVERTER CONNECTOR



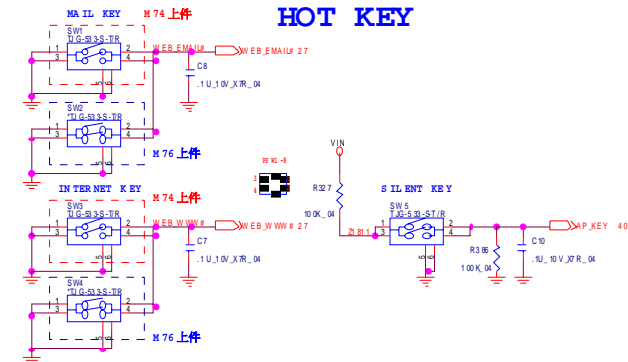
FAN CONTROL



Bluetooth

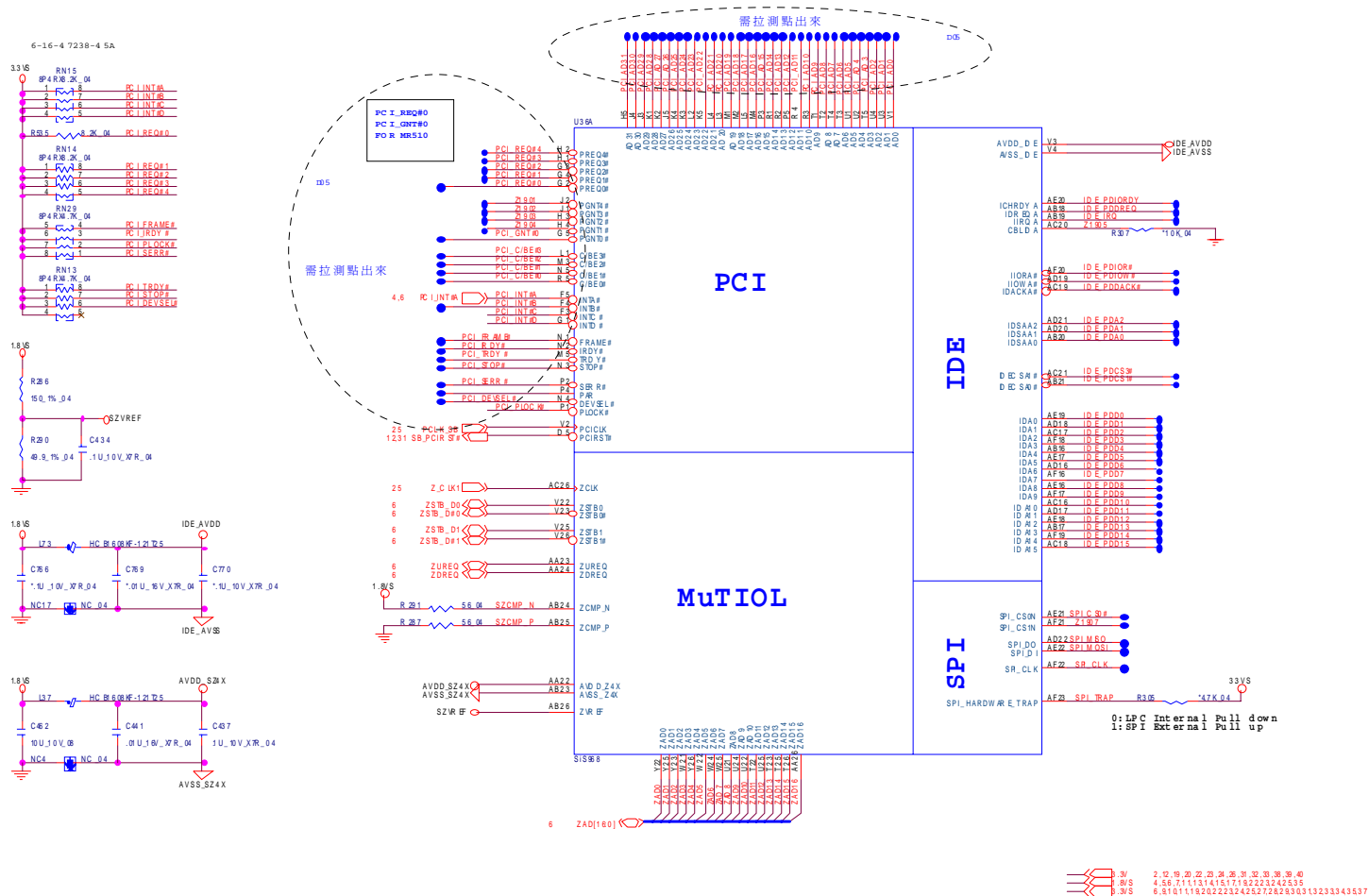


HOT KEY

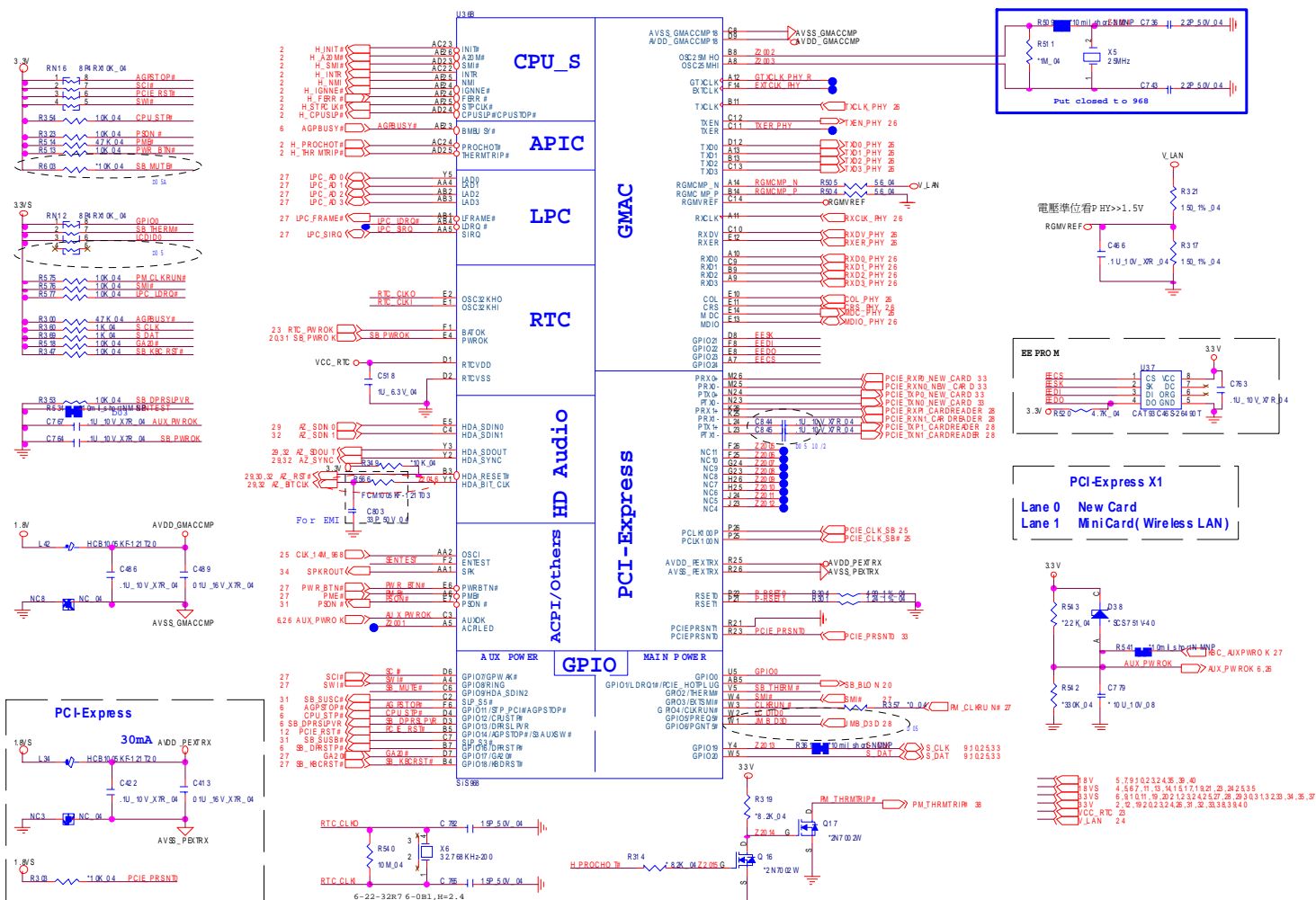


US	192, 93, 0, 3, 3, 3, 3
3V	2, 12, 10, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37
3VS	6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37
DD3	2, 20, 27, 34, 35, 36, 37, 40
IN	35, 36, 37, 38, 39, 40

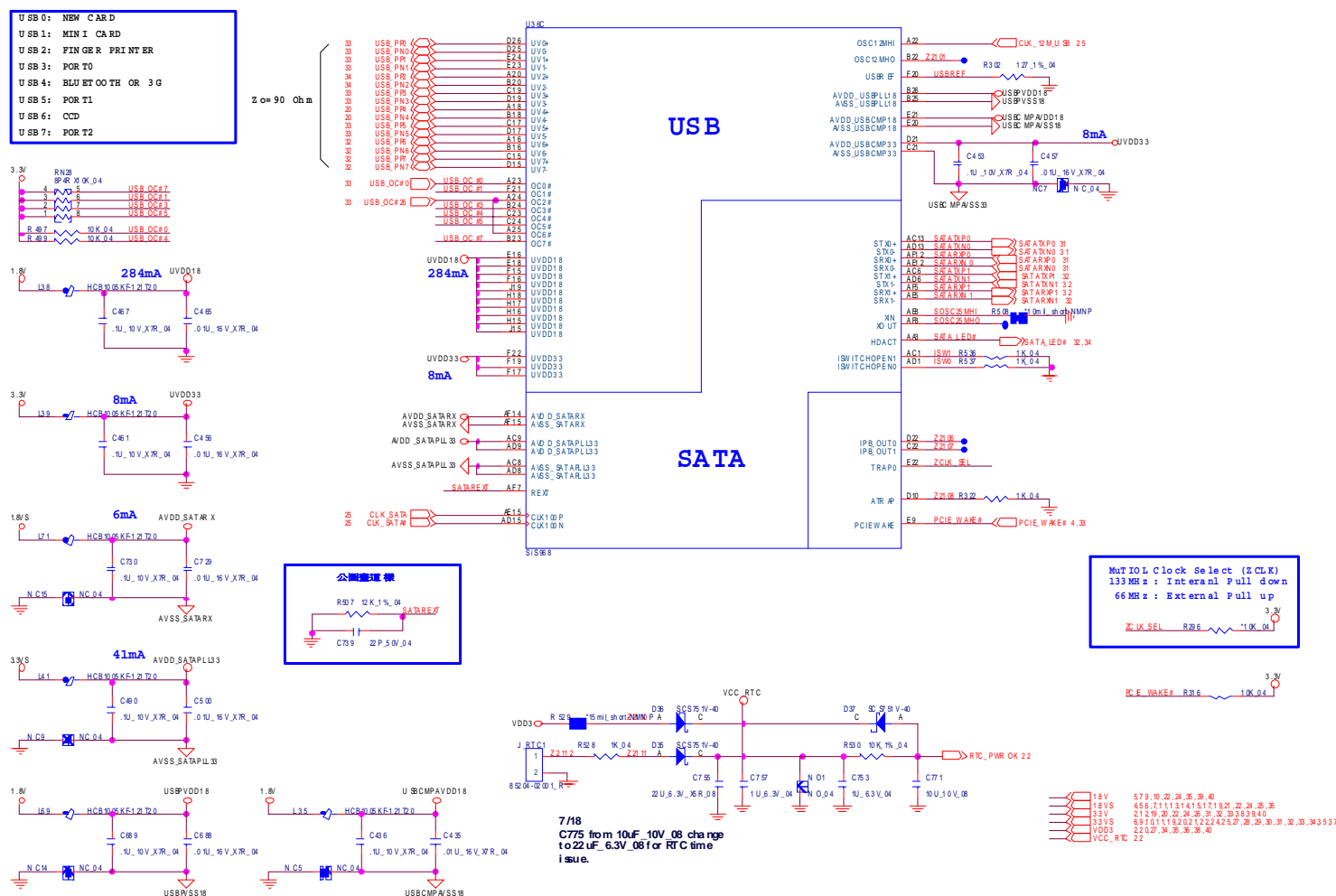
968 PCI, IDE, MuTIOL, SPI 1/4



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968 PCIE, LAN,
GPIO 2/4

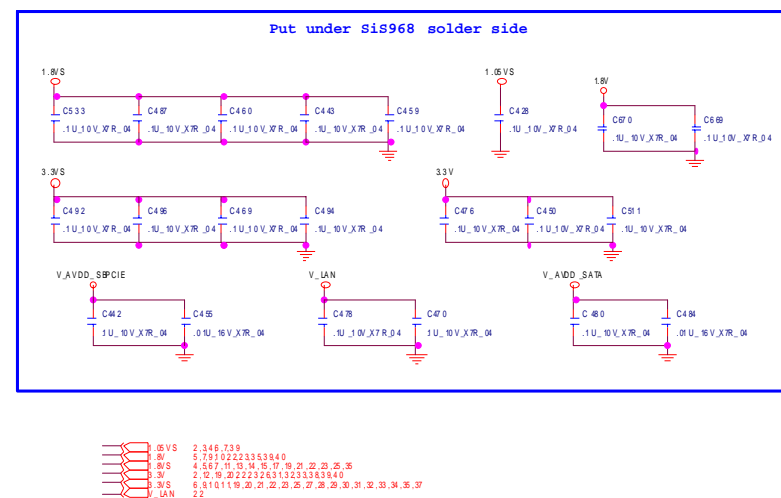
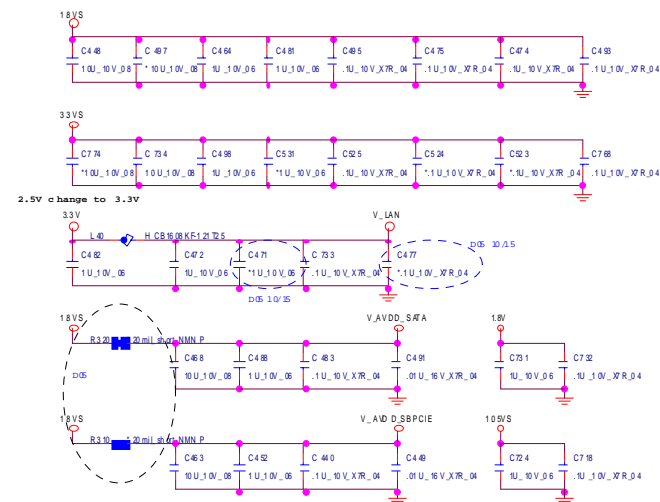
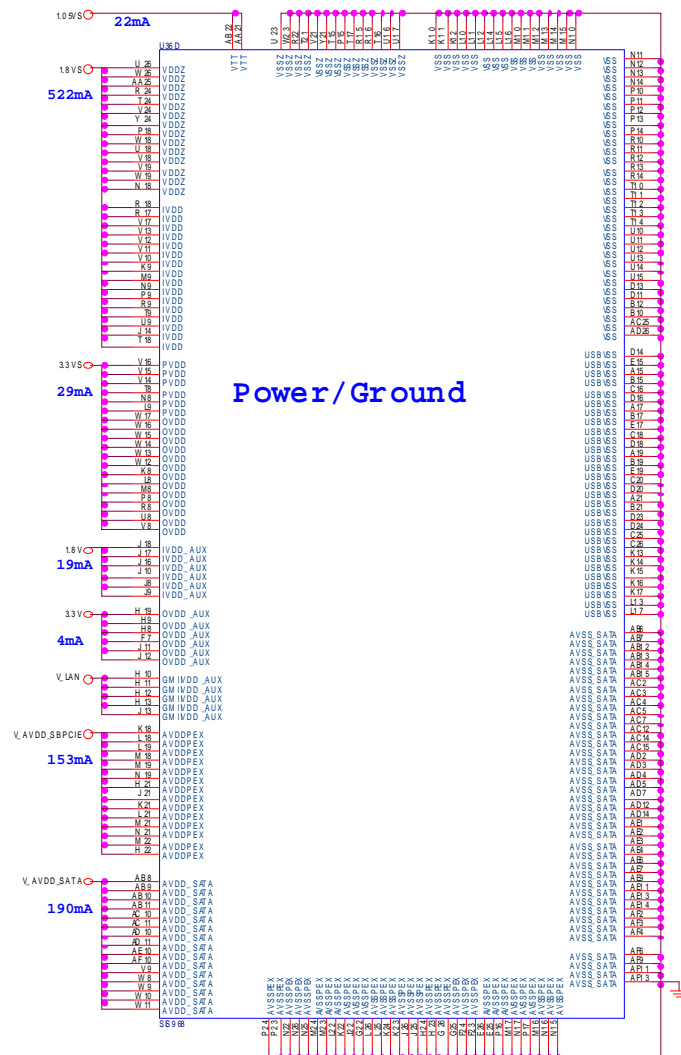


968 USB SATA 3/4 B - 17

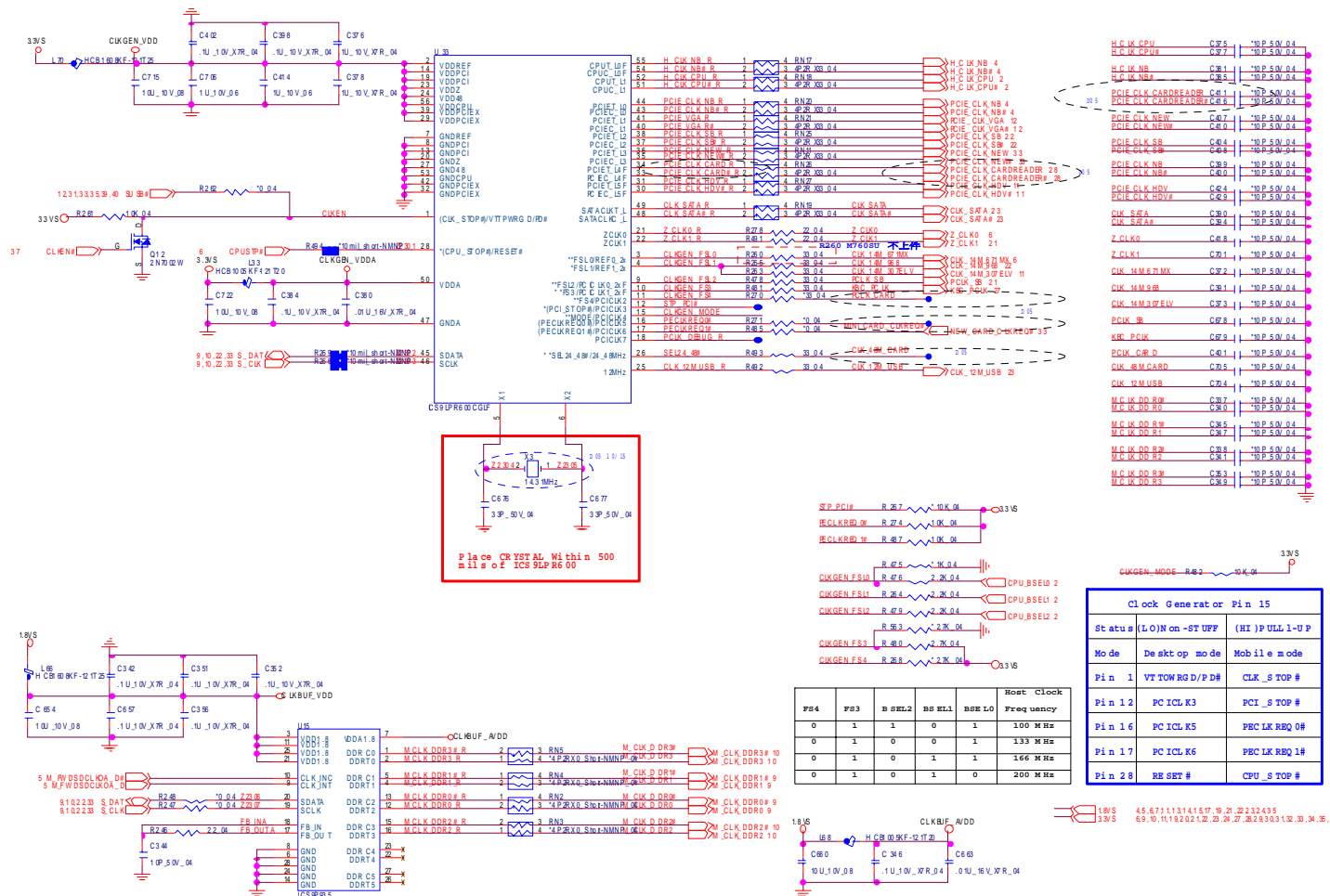


968 PWR, GND 4/4

Sheet 17 of 38
968 PWR, GND 4/4

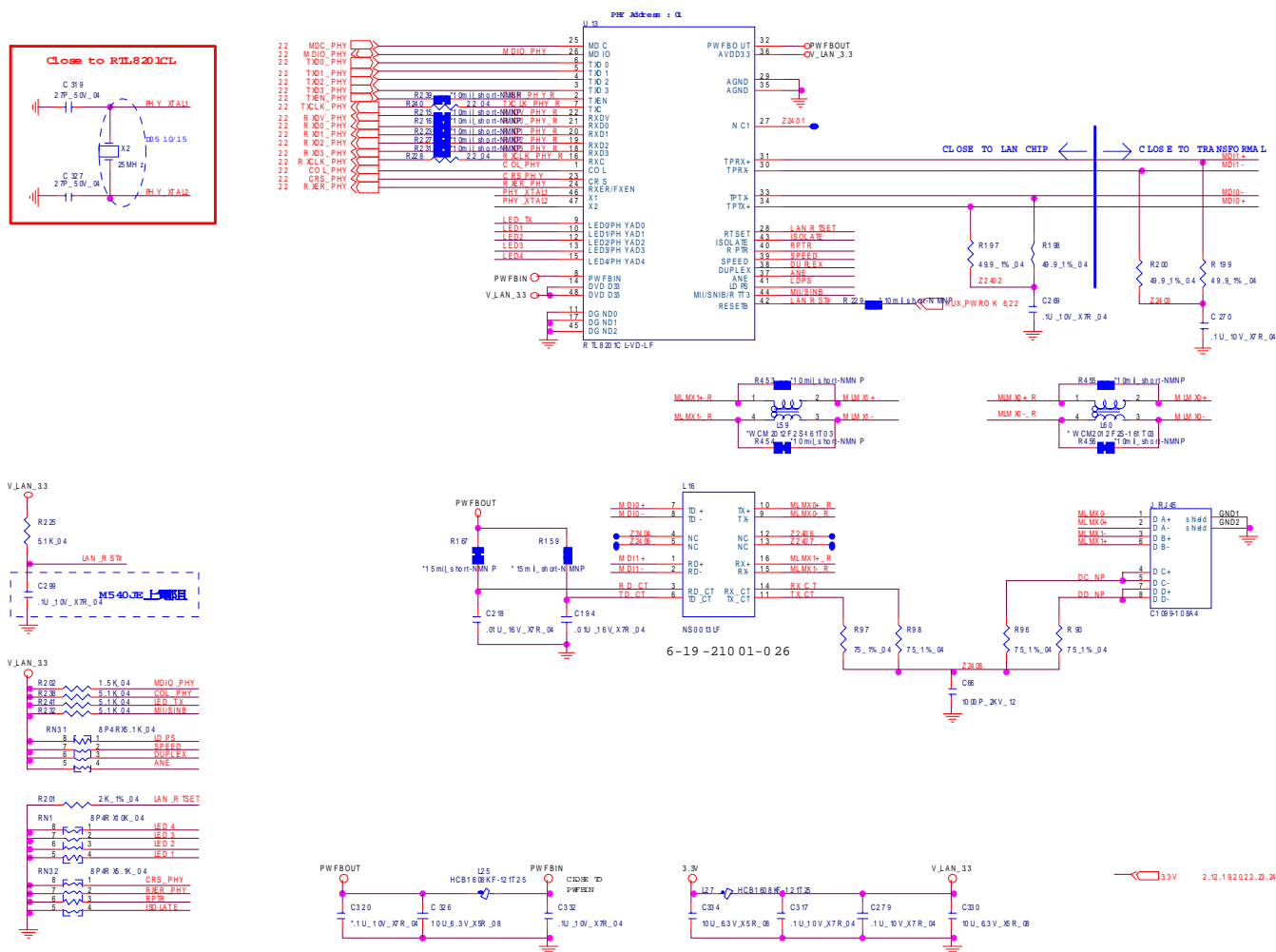


Clock Generator & Clock Buffer



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Clock Generator &
Clock Buffer

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PHY Realtek
8201CL

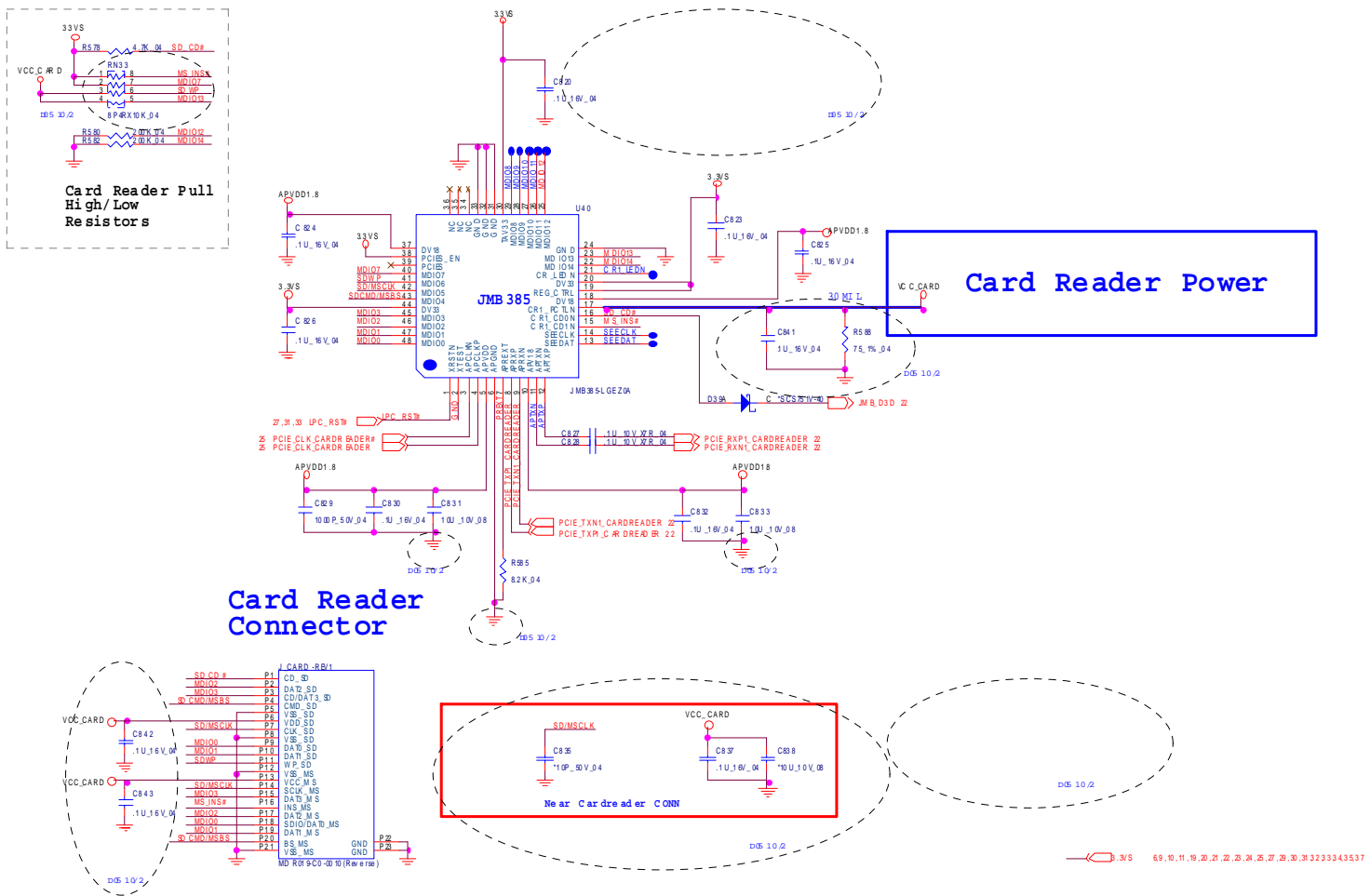


[illegible]

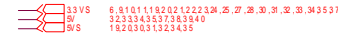
Schematic Diagrams

JMB385, Card Reader

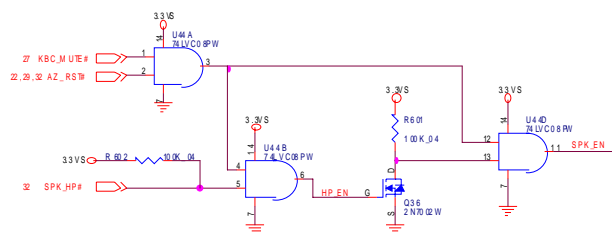
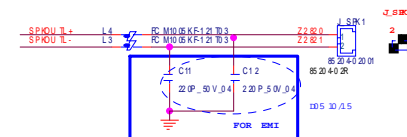
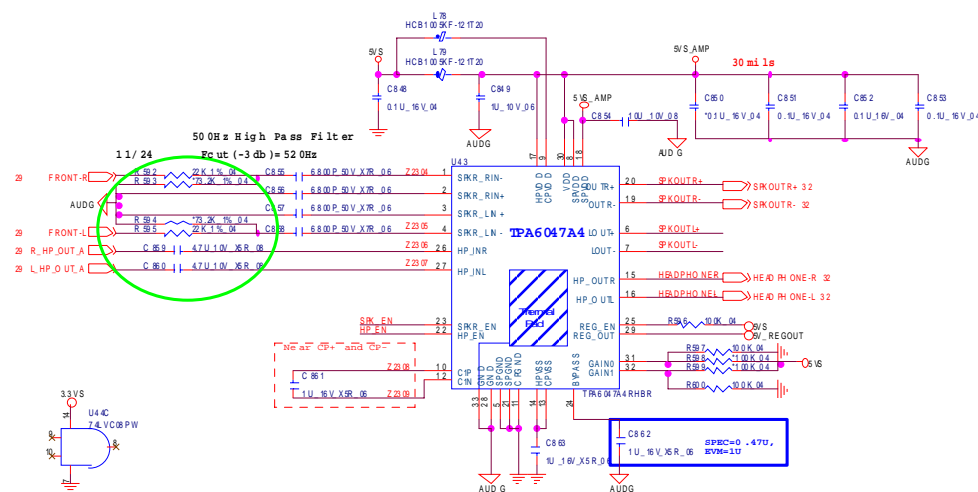
Sheet 21 of 38
JMB385,
Card Reader



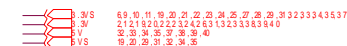
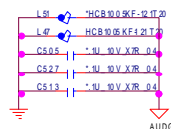
Sheet 22 of 38
Audio Codec
ALC662



Sheet 23 of 38
Audio AMP

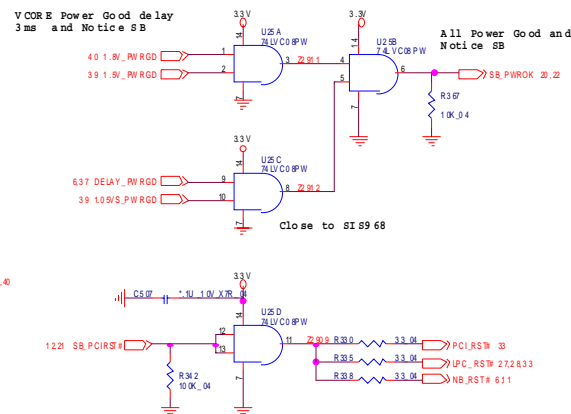


	Default(L = Mute)
AUDIOGP IO0#	H -> H
KBC_MUTE#	L -> H
AZ_RST#	L -> H
SB_MUTE#	L -> H



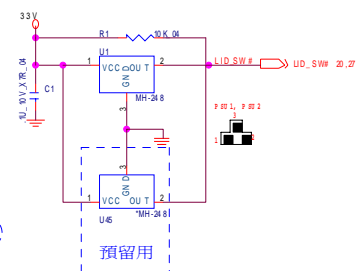
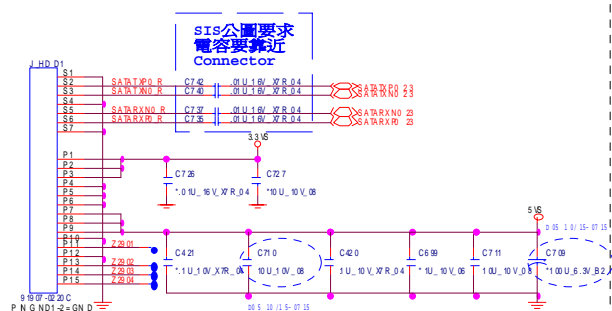
SATA HDD, PWR, LID B - 25

POWER GOOD & RESET

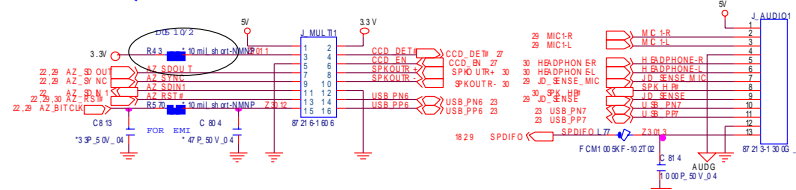
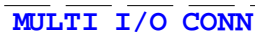


S I G N A L	S 0 / S 1	S 3	S 4 / S 5
S 3 A U X S W#	1	0	1
P S O N#	0	1	1

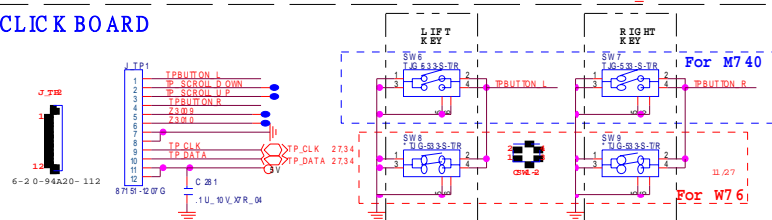
LID SWITCH IC



ODD

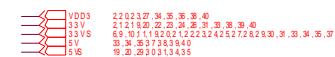


CLICK BOARD



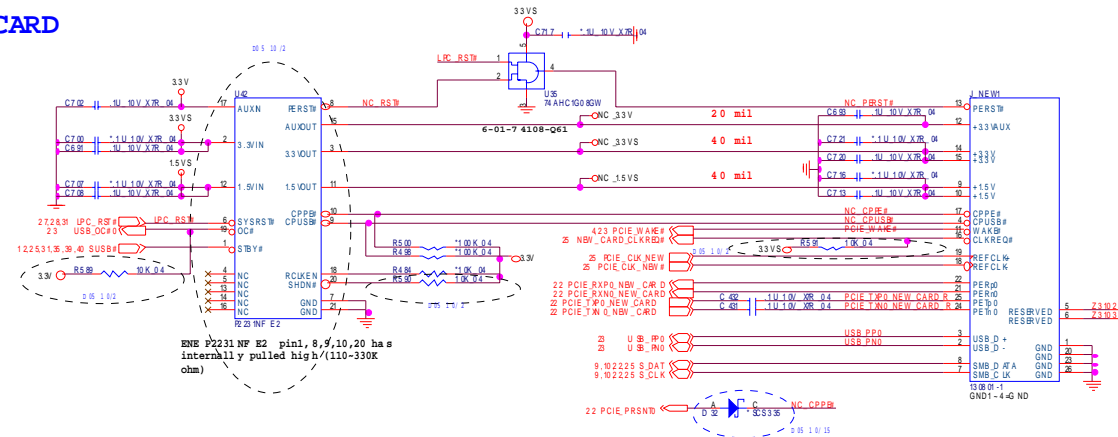
Layout時

1. SIM 之所有信號線加粗(10mil)
2. 所有信號線之間加GND
3. SIM hold 本體四周加GND圍繞
4. SIM CONN 靠近 MINI CARD CONN

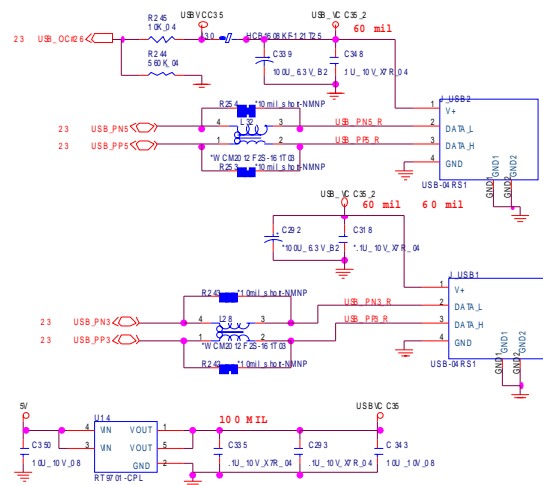


New Card, Mini PCIE, USB

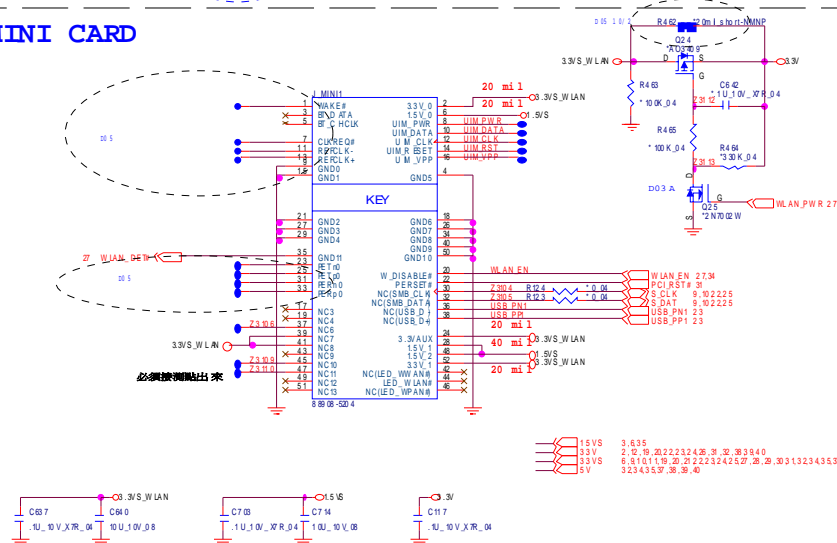
NEW CARD



USB PORT



MINI CARD

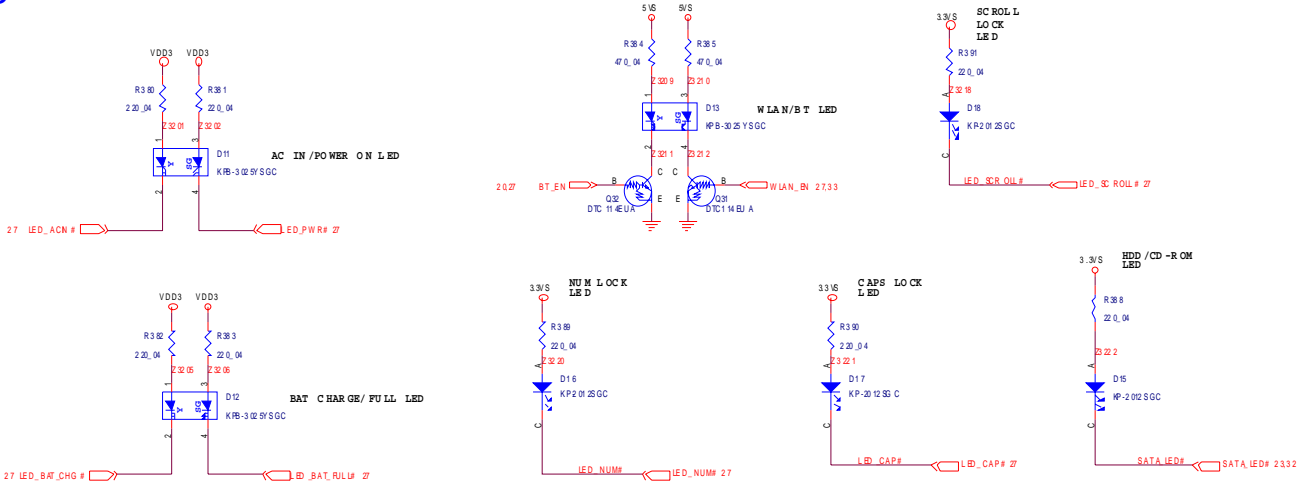


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New Card,
Mini PCIE, USB

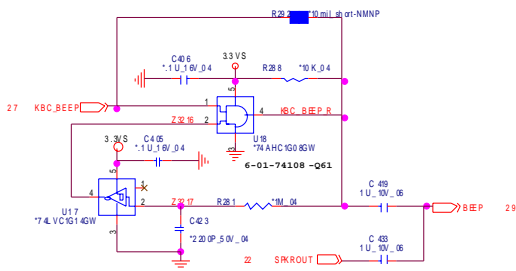
Schematic Diagrams

LED, PC Beep, TP, FP

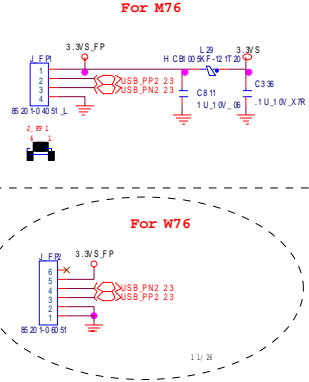
LED



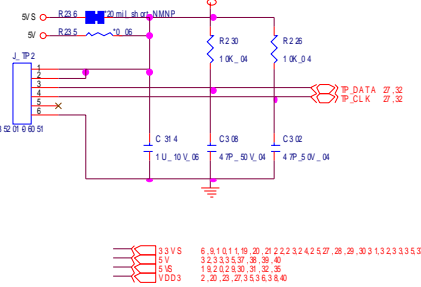
PC BEEP



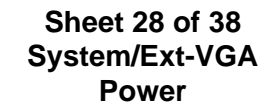
FP CONN



CLICK CONN For M76



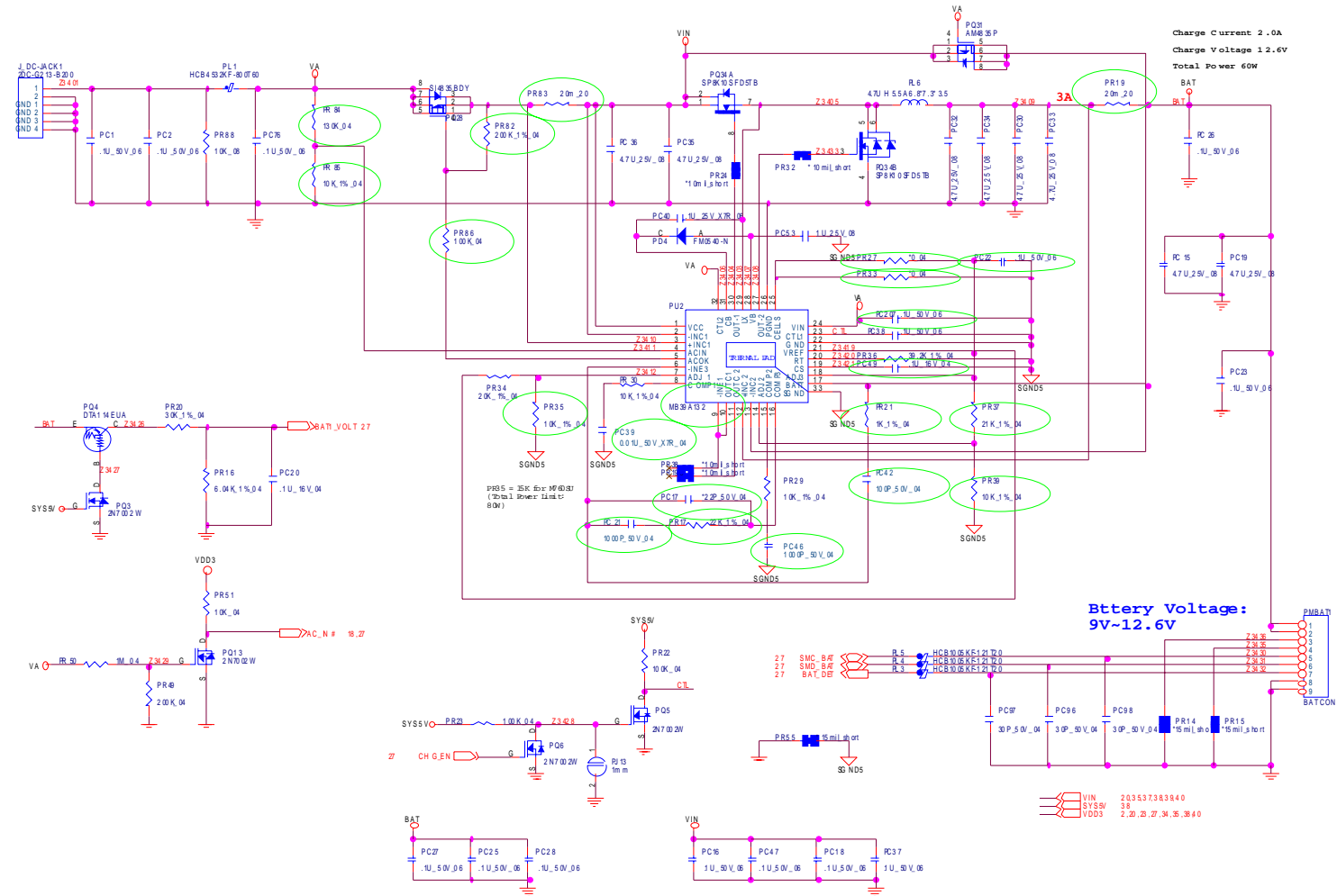
1.2VS,1.5VS,1.8VS,3.3VS,5VS


$$R_a = 3.6K \rightarrow 1.020V$$


Schematic Diagrams

AC-IN, Charger

Sheet 29 of 38
AC-IN, Charger



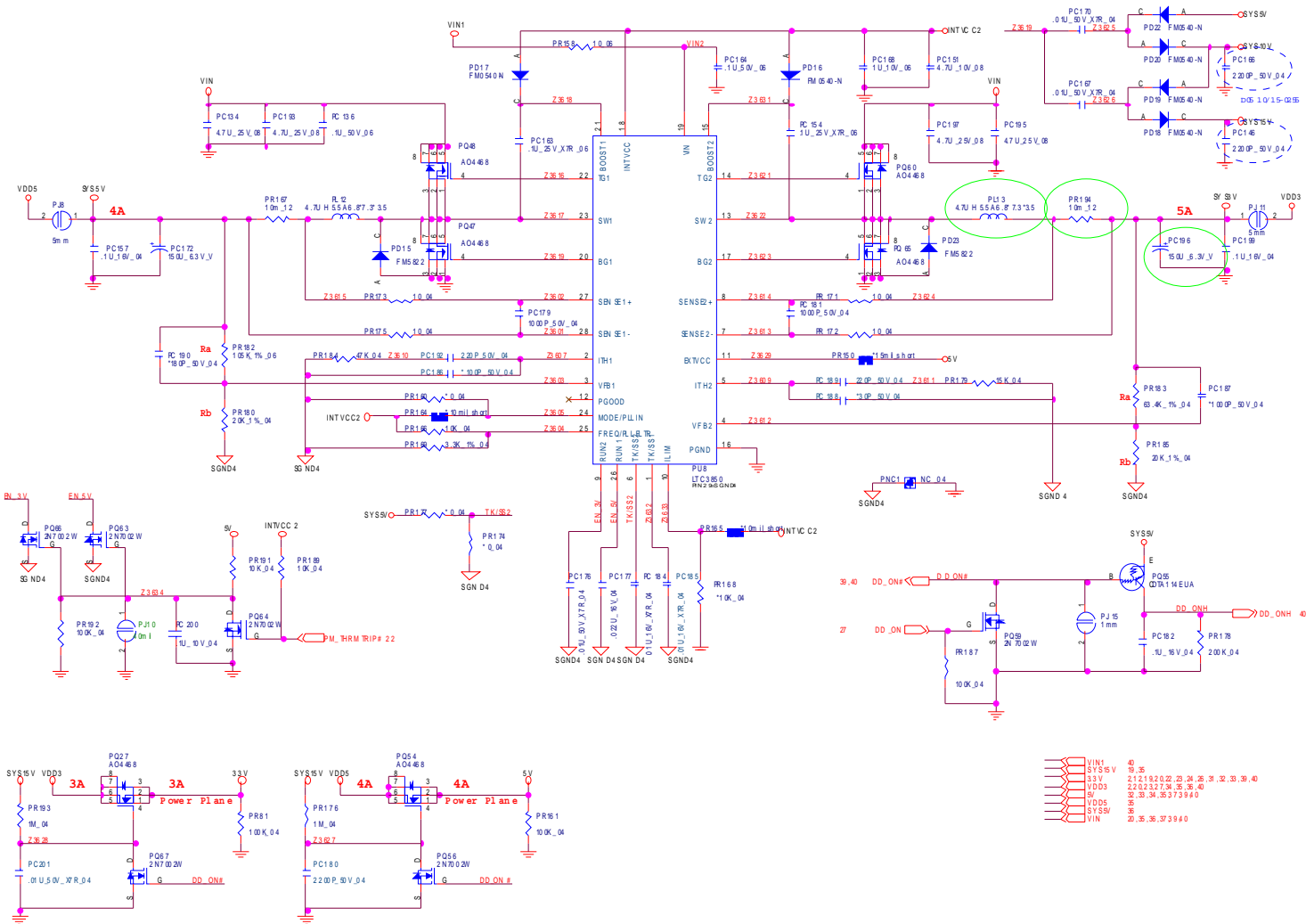
VCORE FOR PENRYN CPU



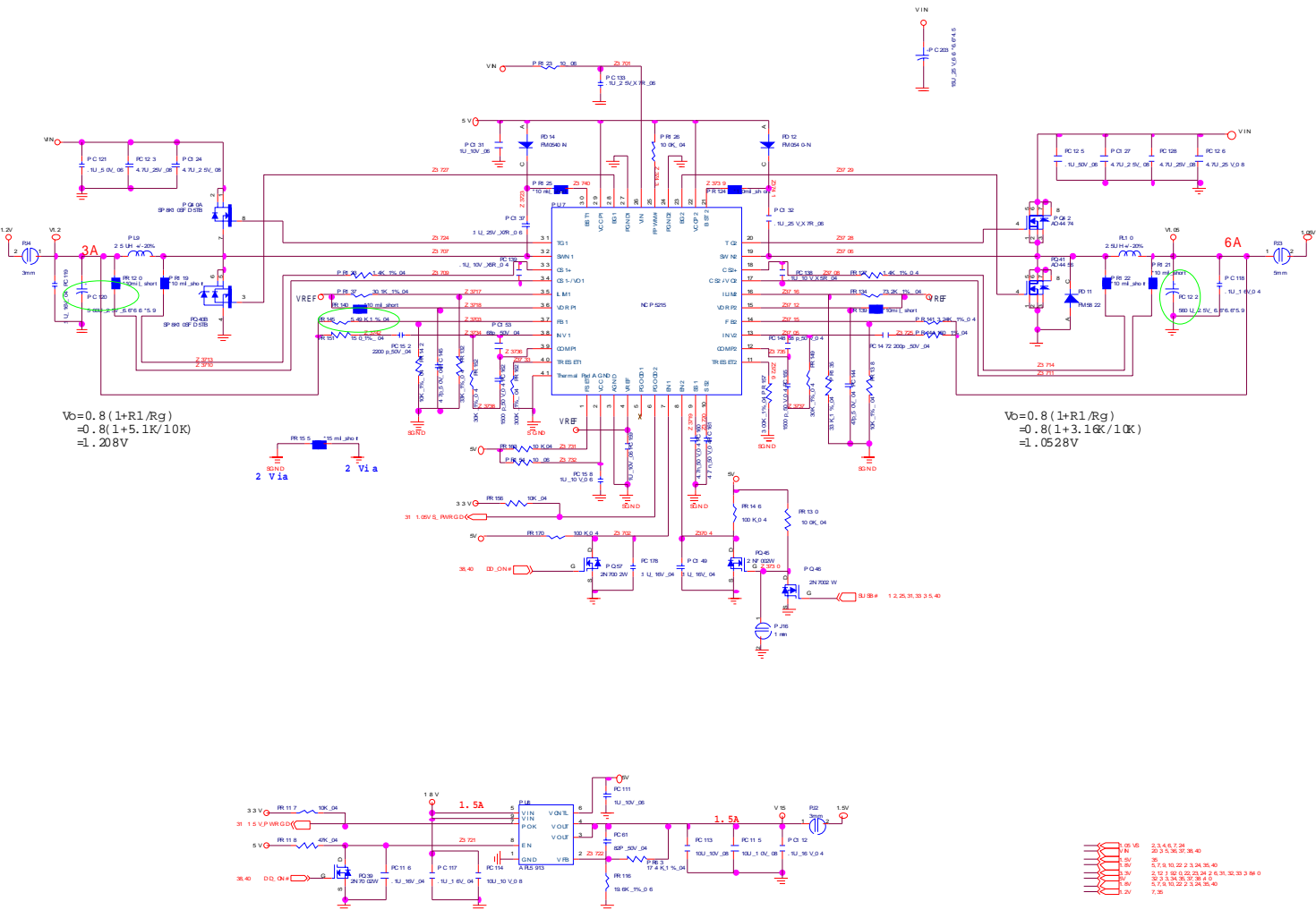
Schematic Diagrams

VDD3, VDD5)

Sheet 31 of 38
VDD3, VDD5



1.05VS, 1.2V, 1.5V



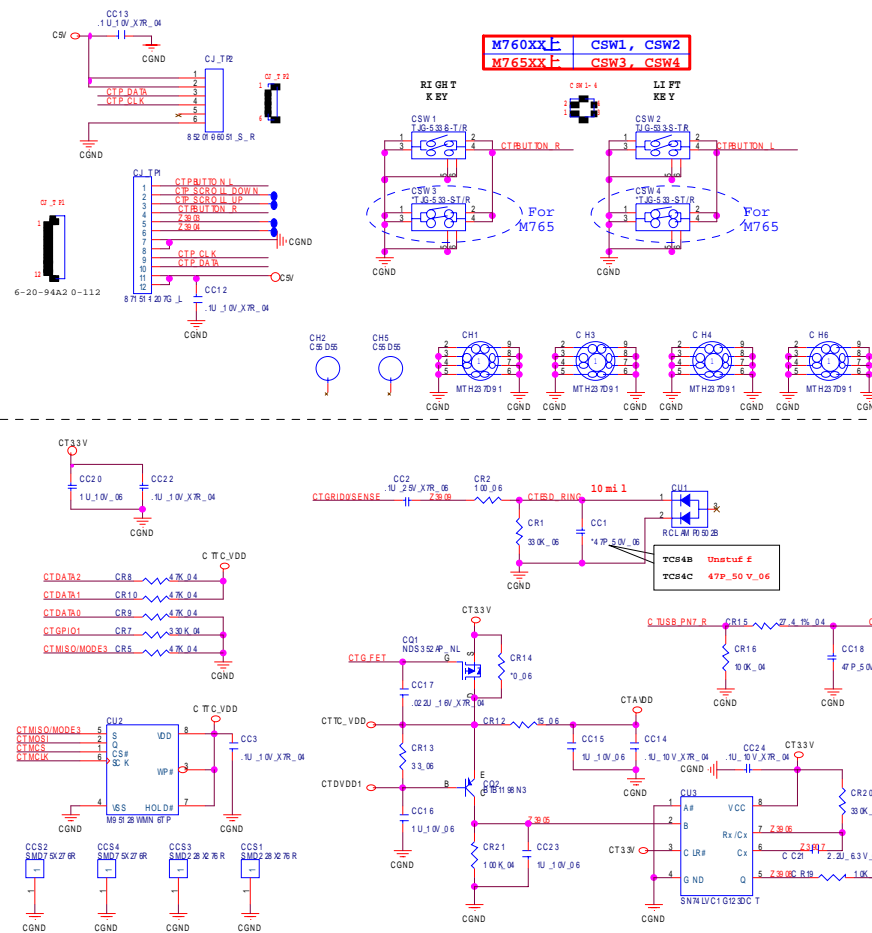
Sheet 32 of 38
1.05VS, 1.2V, 1.5V

1.8V, 0.9VS

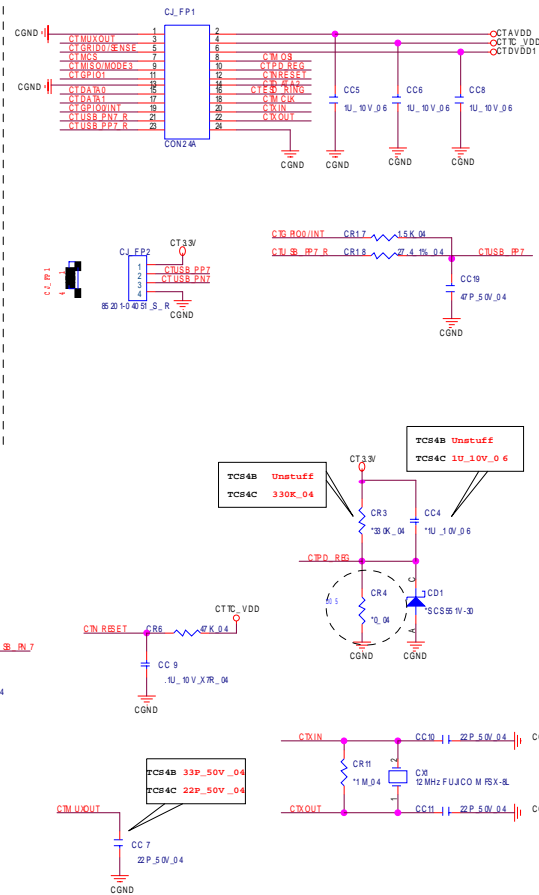
B.Schematic Diagrams

Click BD, Finger BD for M76

CLICK BOARD



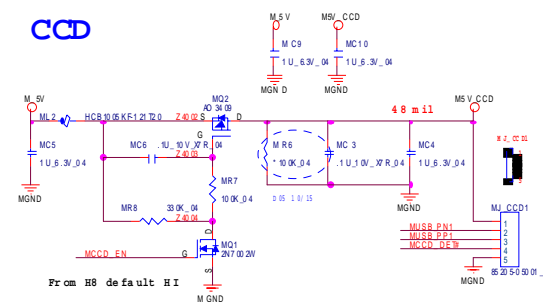
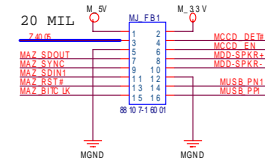
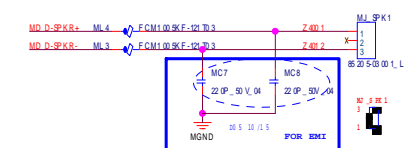
FINGER BOARD



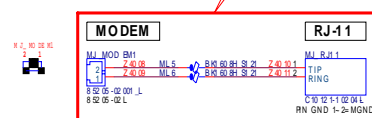
Sheet 34 of 38
Click BD, Finger BD
for M76

B.Schematic Diagrams

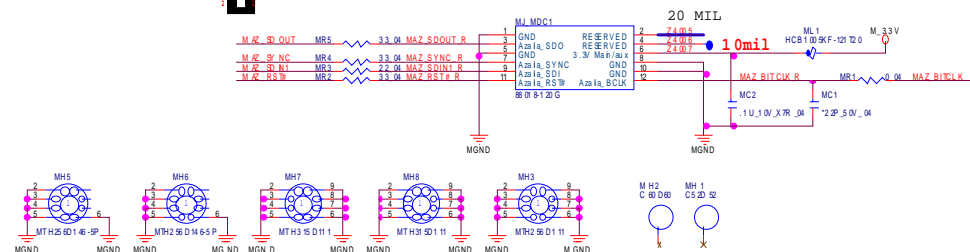
Sheet 35 of 38
Multi Function
Board



須與其他零件或線路
淨空 2.5mm 以上

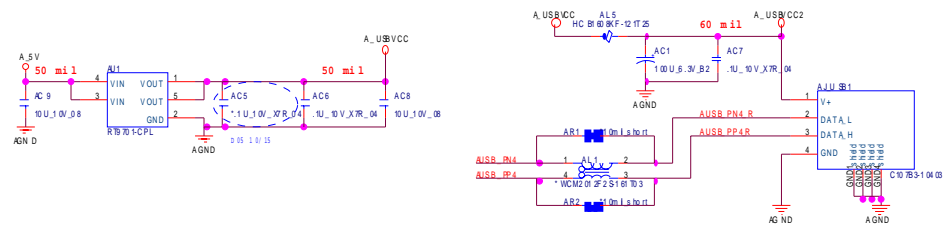


KJ JD C1	
12	1
2	1

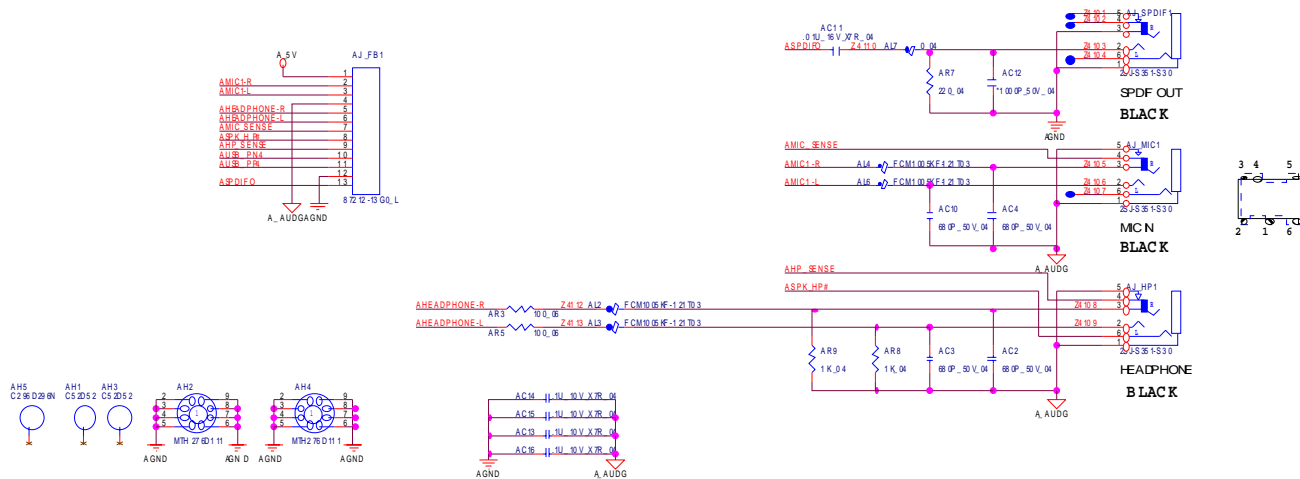


Audio Board

USB PORT



AUDIO JACK



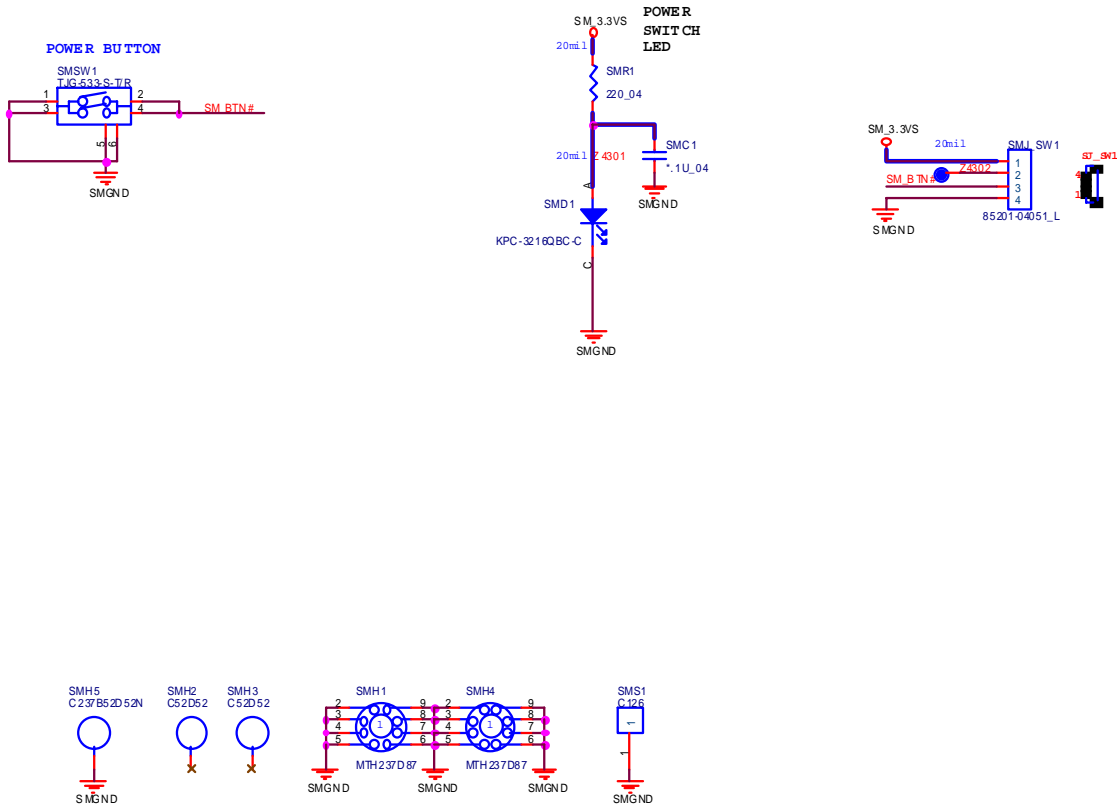
Sheet 36 of 38
Audio Board

Schematic Diagrams

Power Switch Board for M74

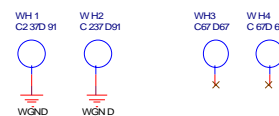
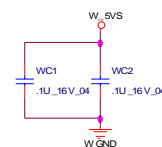
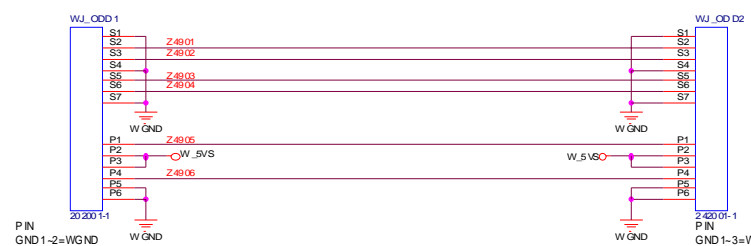
POWER SW & POWER LED FOR M74

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Power Switch
Board for M74



External ODD Board for W76

ODD BOARD FOR W76



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External ODD
Board for W76