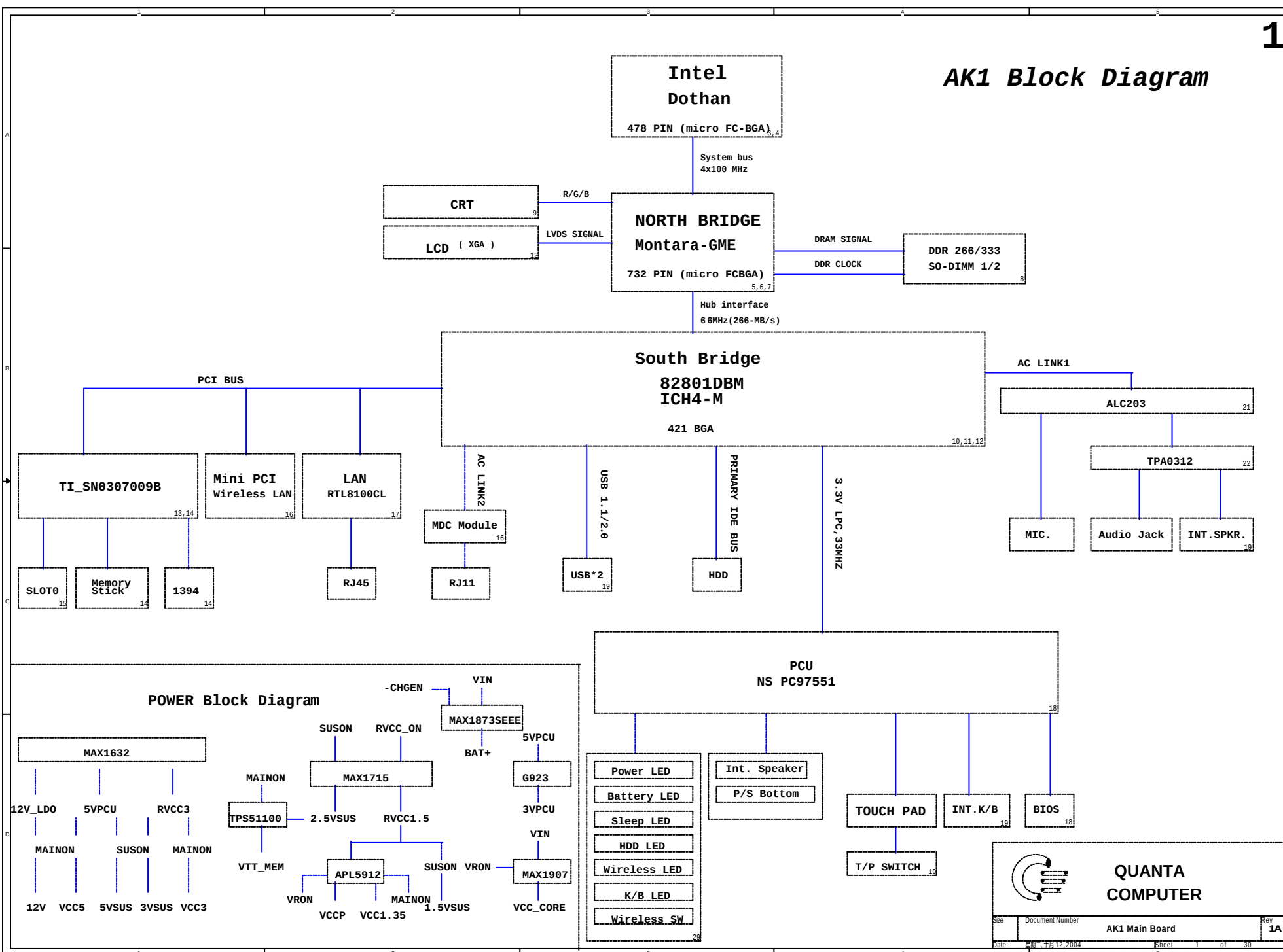
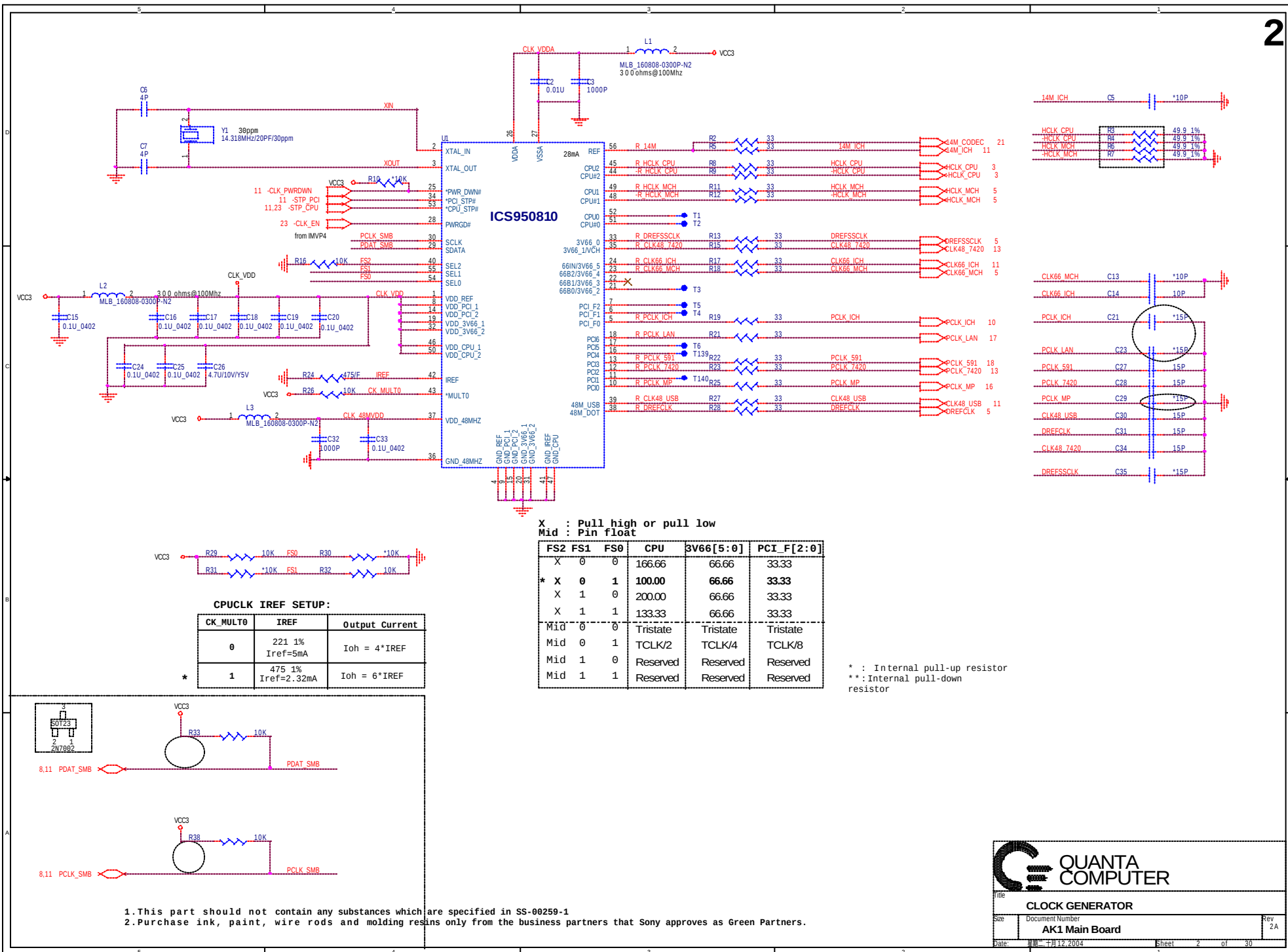
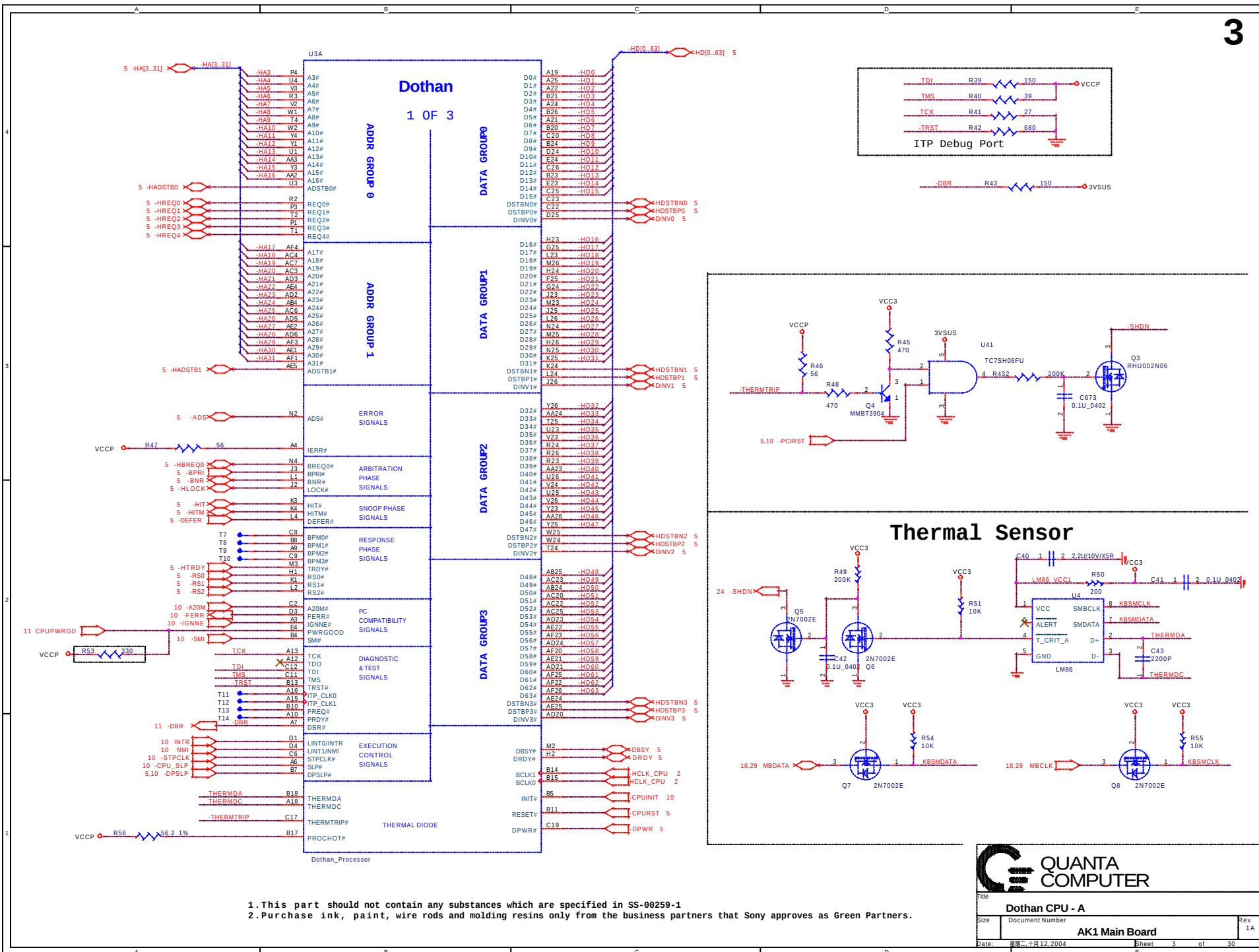


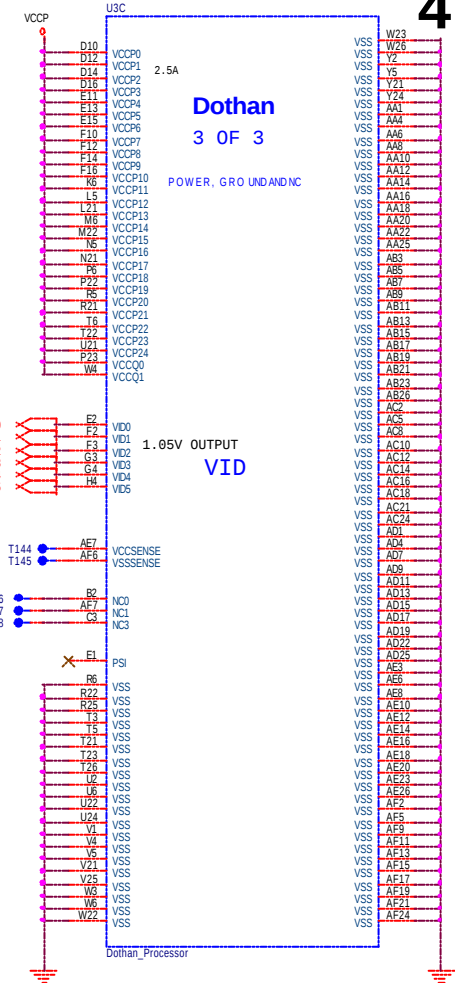
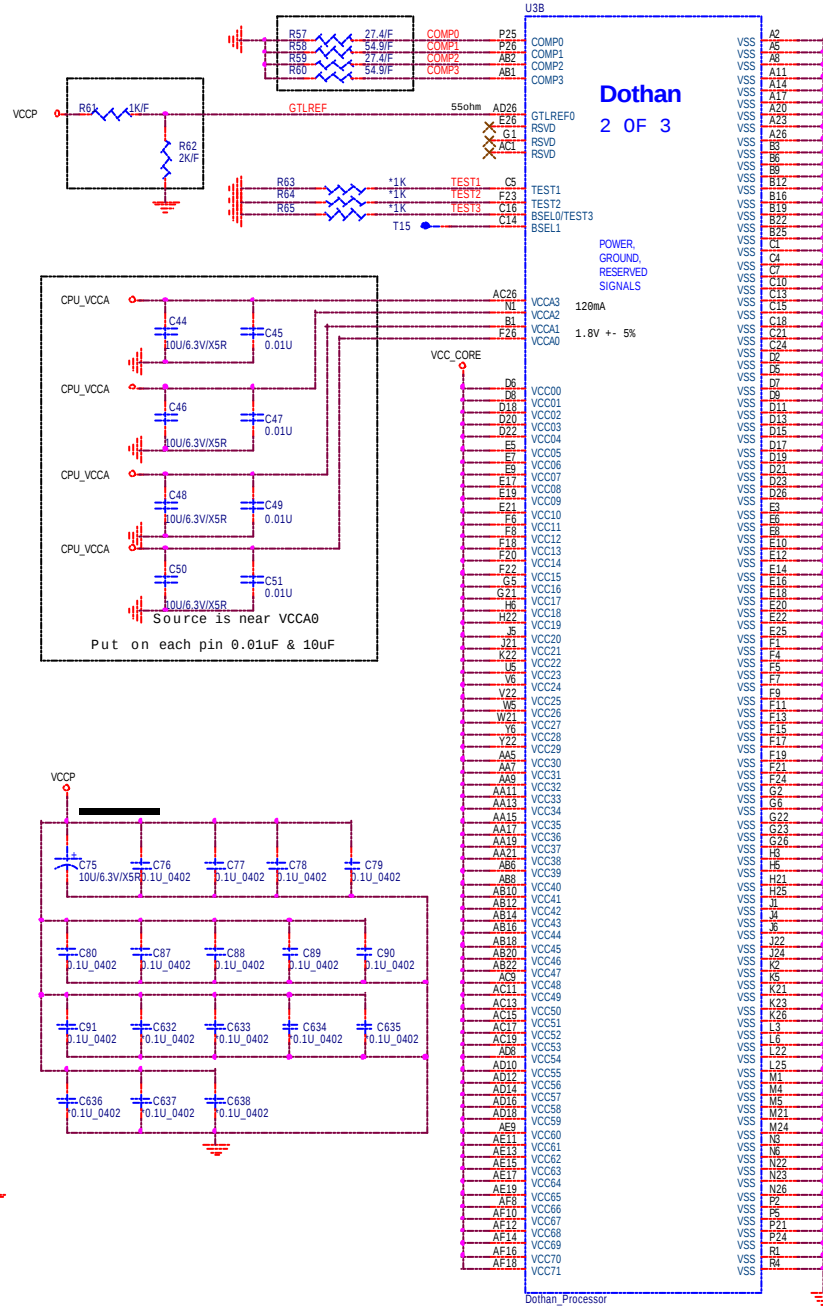
AK1 Block Diagram







VCCA:
VCC1.5 : Intel Dothan Processor only.
VCC1.8 : Intel Dothan/Pentium M Processor only.



4

4

3

2

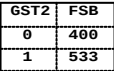
1

10U/6.3V/X5R(CC0805) 5 mOhm*35

- 1.This part should not contain any substances which are specified in SS-00259-1
- 2.Purchase ink, paint, wire rods and molding resins only from the business partners that Sony approves as Green Partners.



Dothan CPU-B			Rev 1A
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THIS PART SHOULD NOT CONTAIN ANY SUBSTANCES WHICH ARE SPECIFIED IN SS-00250-1

USC

Data Bus Place Rterms close to second DIMM

DDR 266/333 MHz

Address Bus

Add C208, C211, C214
10U/6.3V/0805/x5FQUANTA
COMPUTER

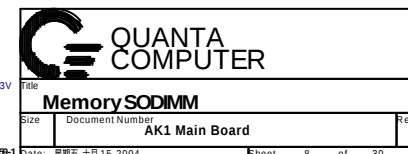
MCH-M_C(DDR)

AK1 Main Board

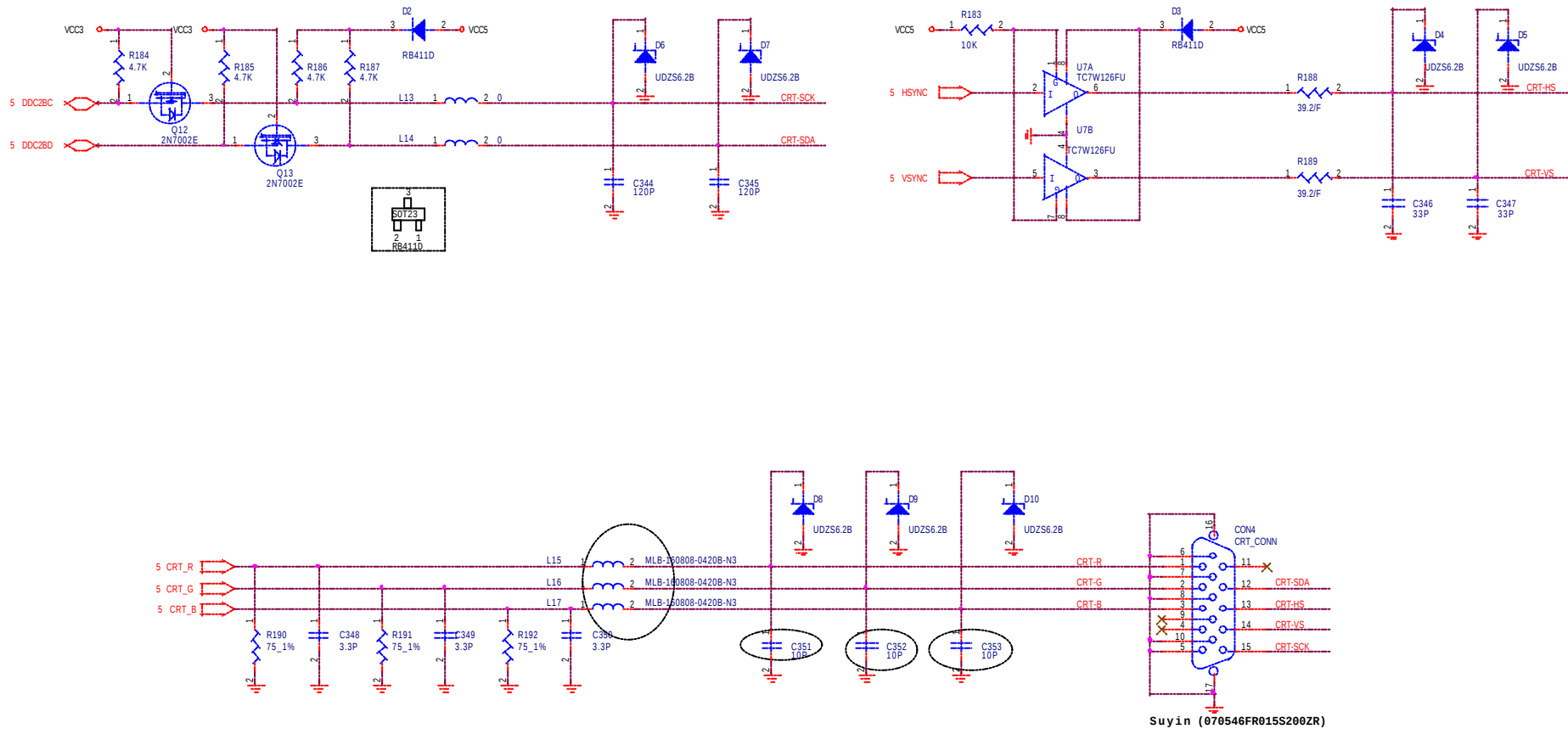
Date: 2004.12.12 Sheet 7 of 30

1. This part should not contain any substances which are specified in SS-00259-1
2. Purchase ink, paint, wire rods and molding resins only from the business partners that Sony approves as Green Partners.

8

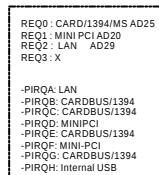


1.This part should not contain any substances which are specified in SS-00259-1
2.Purchase ink, paint, wire rods and molding resins only from the business partners that Sony approves as Green Partners.

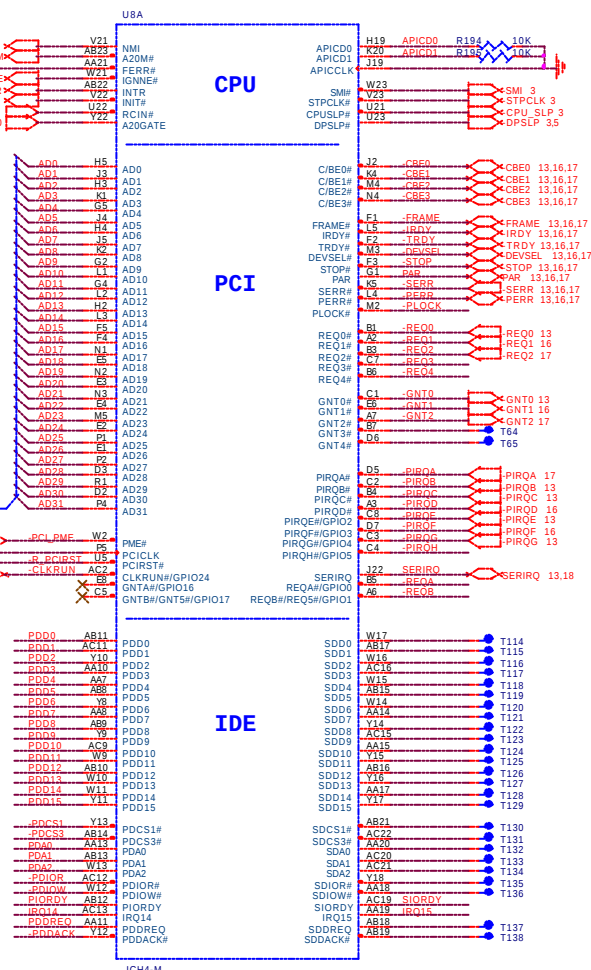
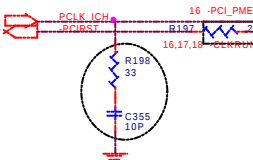
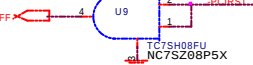


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CONC



QUANTA
COMPUTER

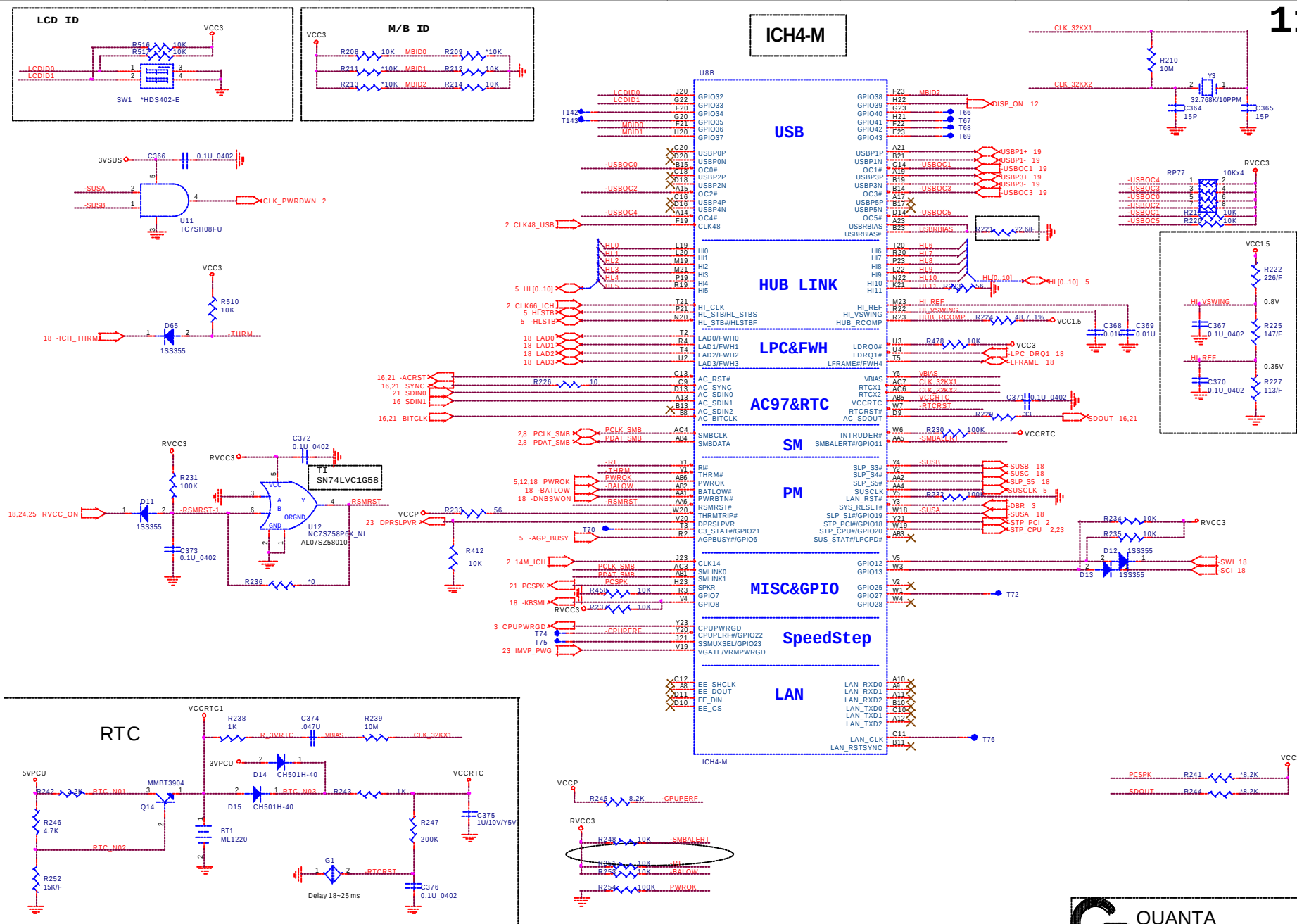
Title
ICH4-M

Size	Document Number
	AK1 Main Board

Date: 星期二 十月 12, 2004

Sheet 10 of 30

1. This part should not contain any substances which are specified in ~~SS-00259-1~~
2. Purchase ink, paint, wire rods and molding resins only from the business partners that Sony approves as Green Partners.



1. This part should not contain any substances which are specified in SS-00259-1
 2. Purchase ink, paint, wire rods and molding resins only from the business partners that Sony approves as Green Partners.

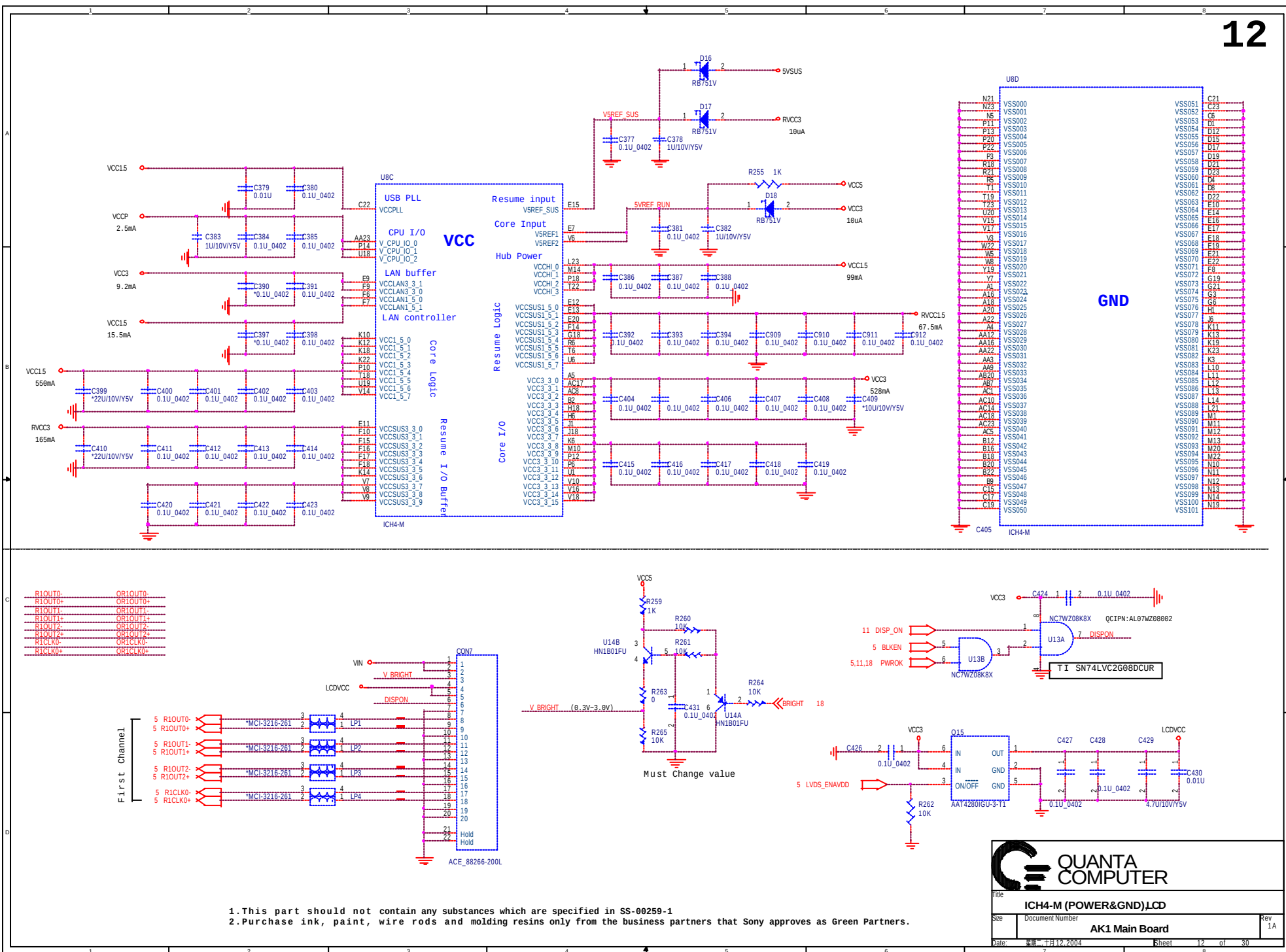
QUANTA COMPUTER

File: ICH4-M USB, HUB & LPC INTERFACE

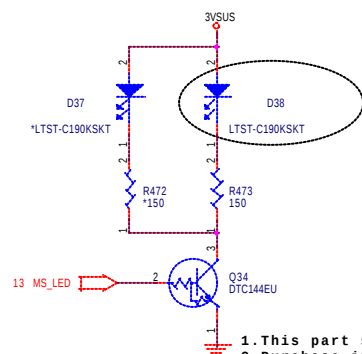
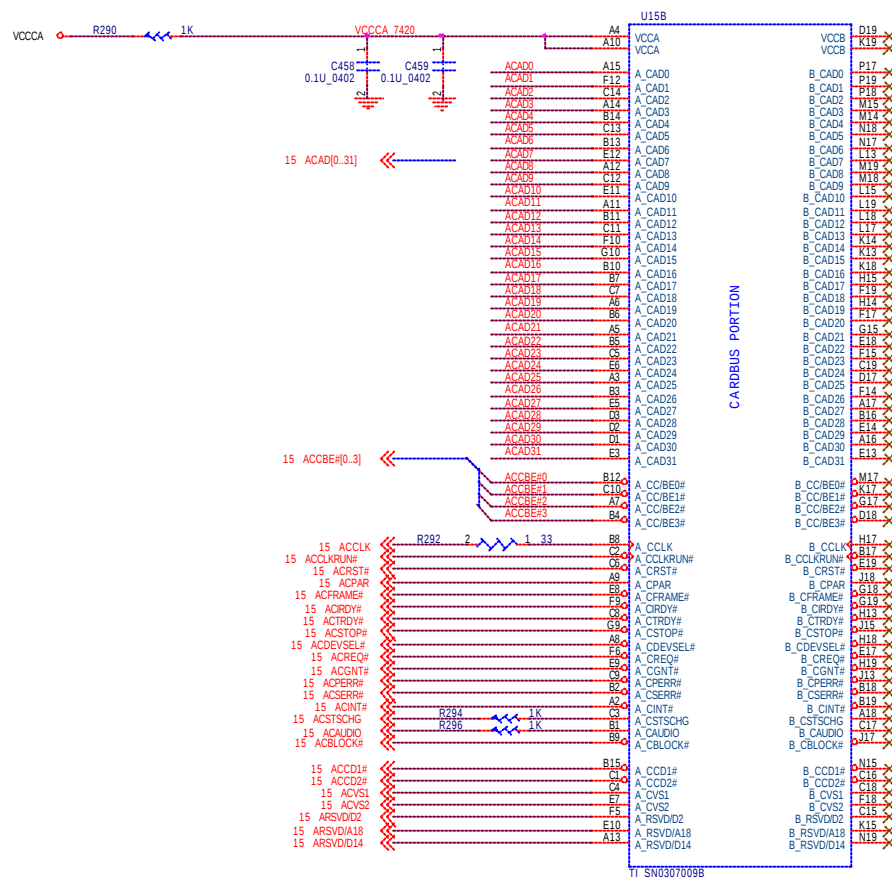
Size: Document Number: AK1 Main Board

Date: 2004-12-17

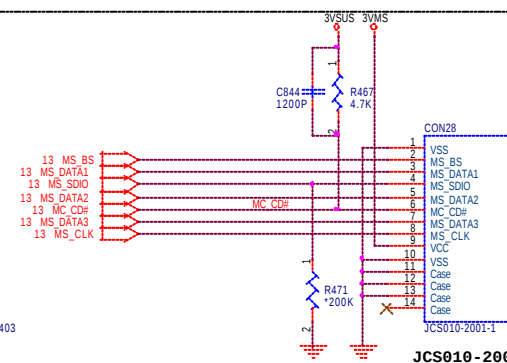
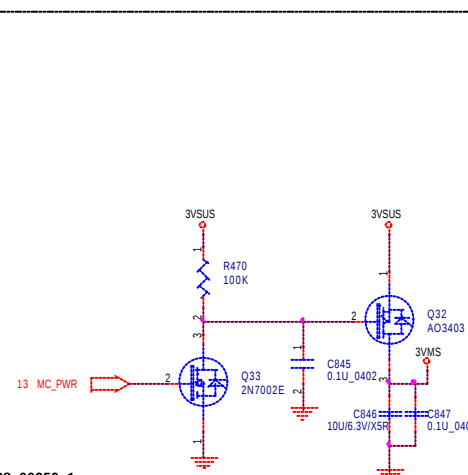
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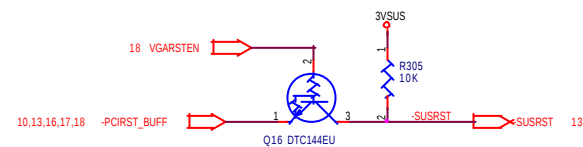
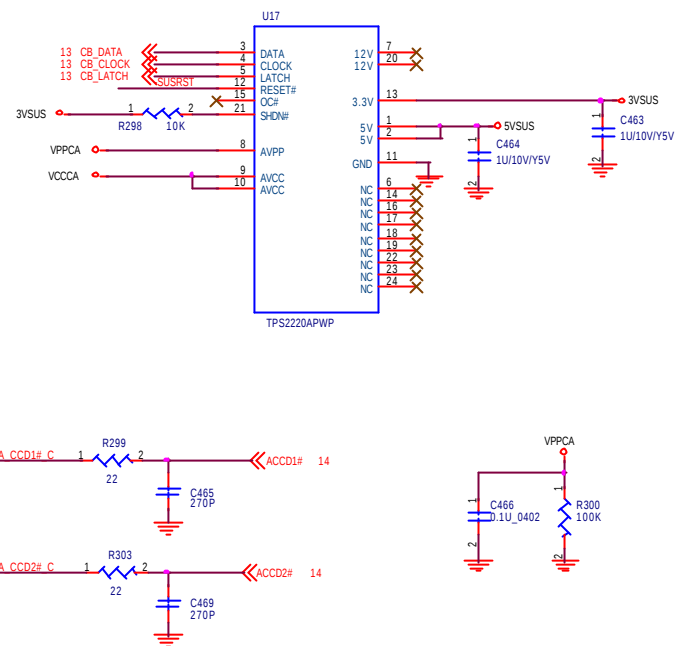
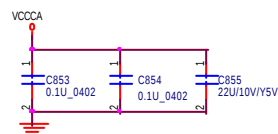
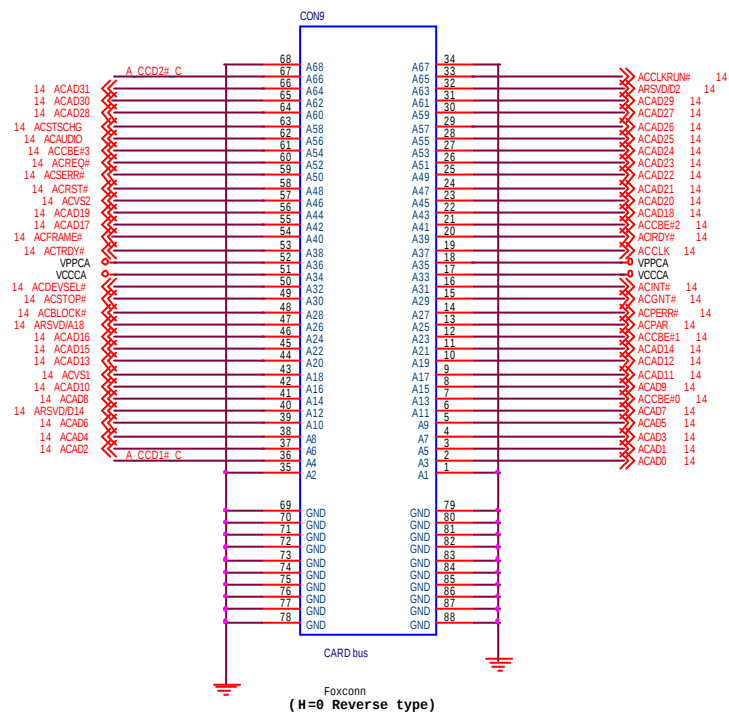


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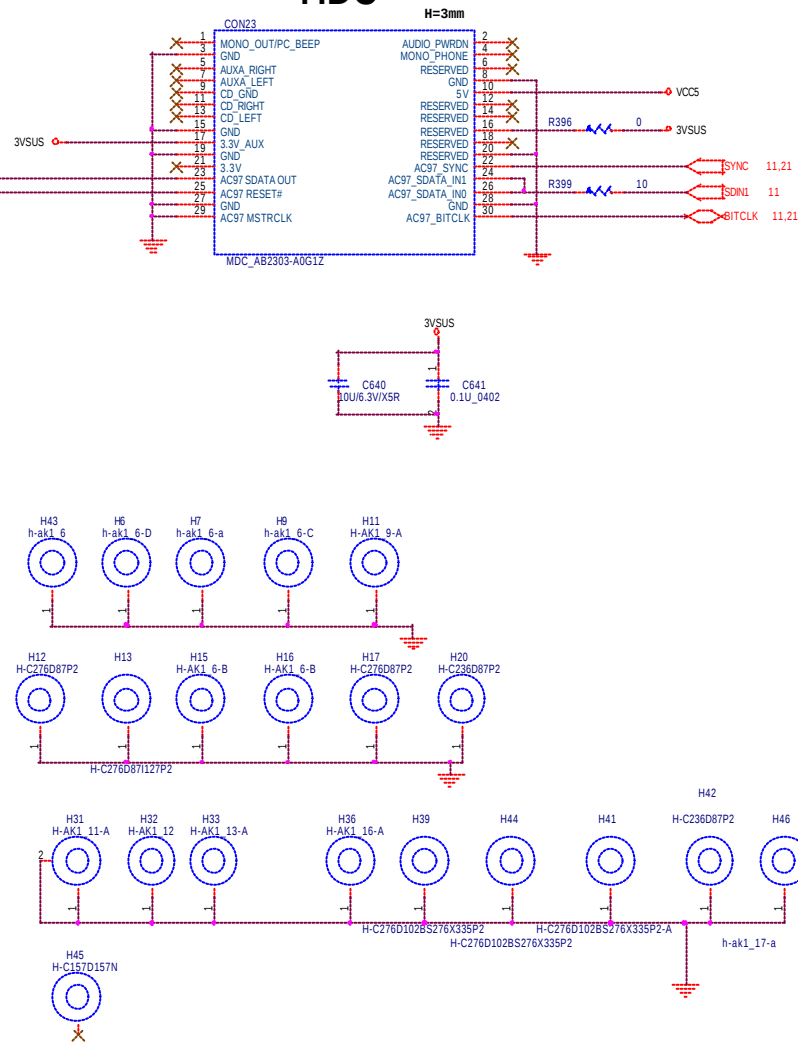
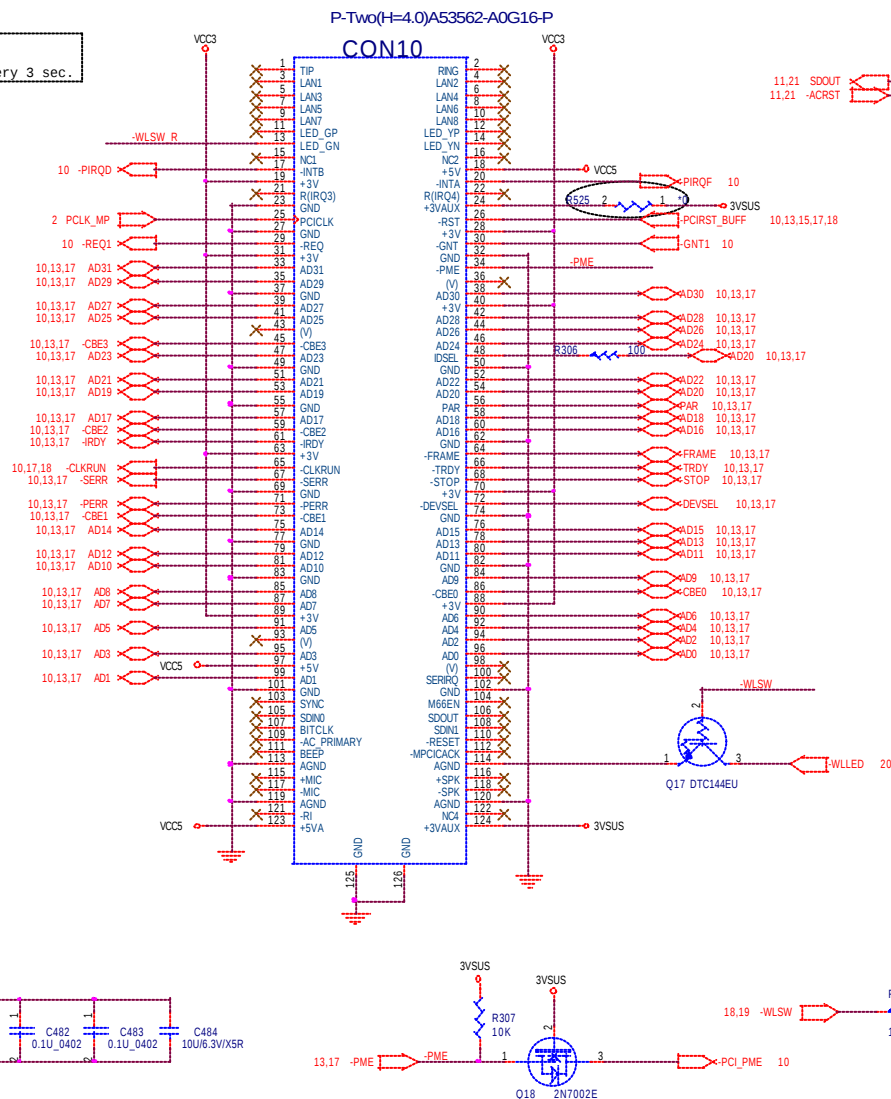
TI-SN0307009B CardBus Control -- B

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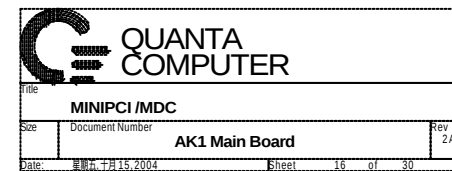


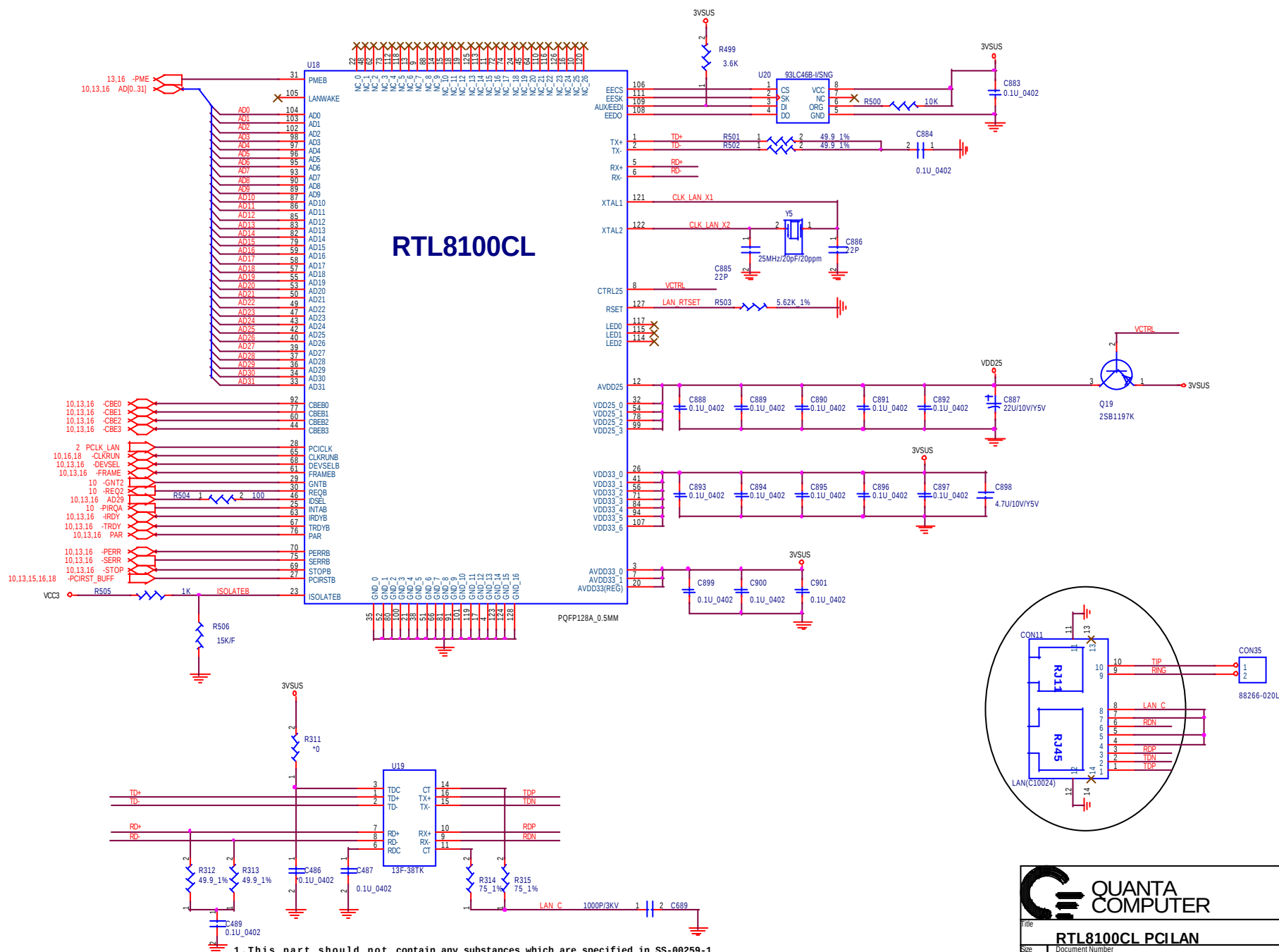
```
LED_GP :LED WLEN LINK
Output Current : 7mA
Blink rate : 1 flash per every 3 sec.
```

```
WLSW:
Low  : disable the radio.
High : Enable the radio.
```



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2.Purchase ink, paint, wire rods and molding resins only from the business partners that Sony approves as Green Partners.

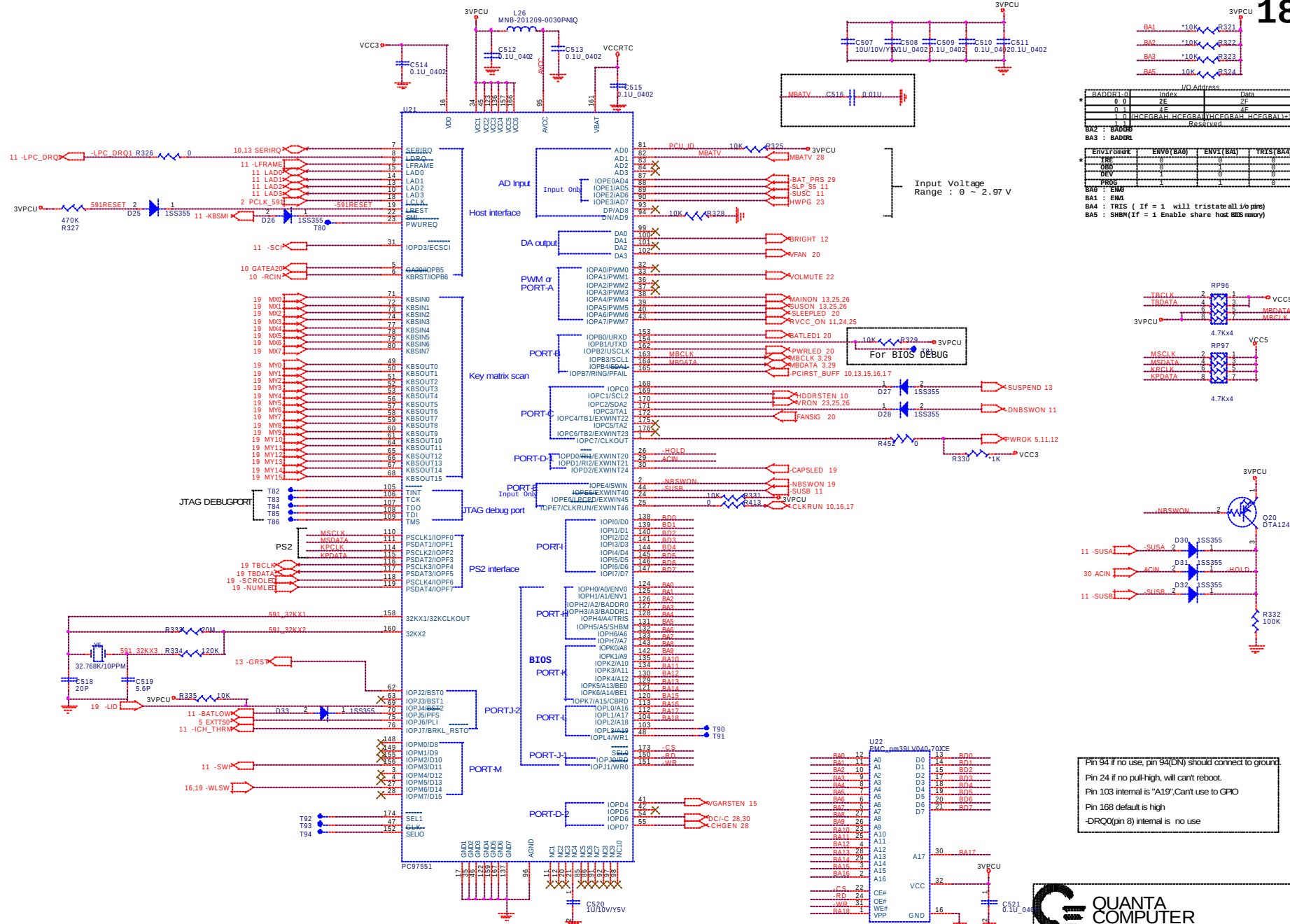




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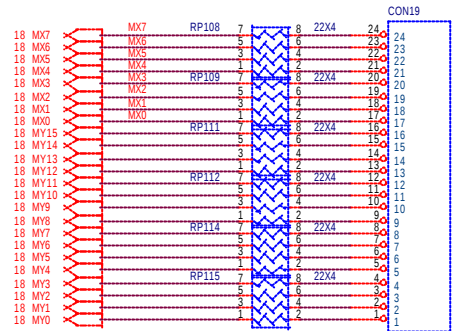
Size: Document Number: **AK1 Main Board** Rev: 2A

Date: 2004.10.15 Sheet: 17 of 30

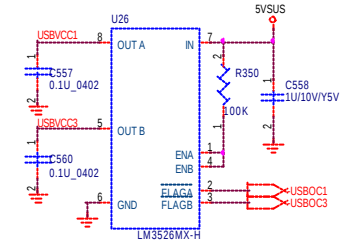
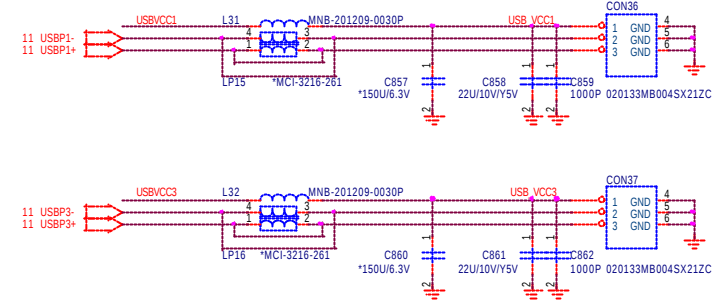


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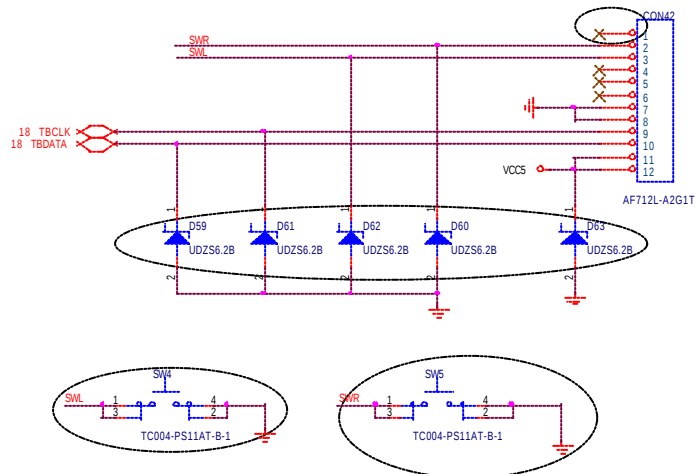
KEYBOARD



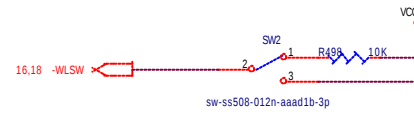
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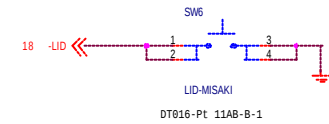
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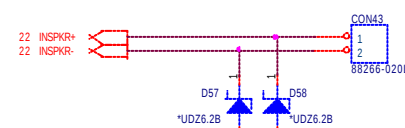
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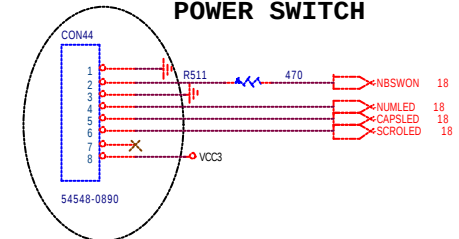
LID SWITCH



SPEAKER CONNECTOR



POWER SWITCH

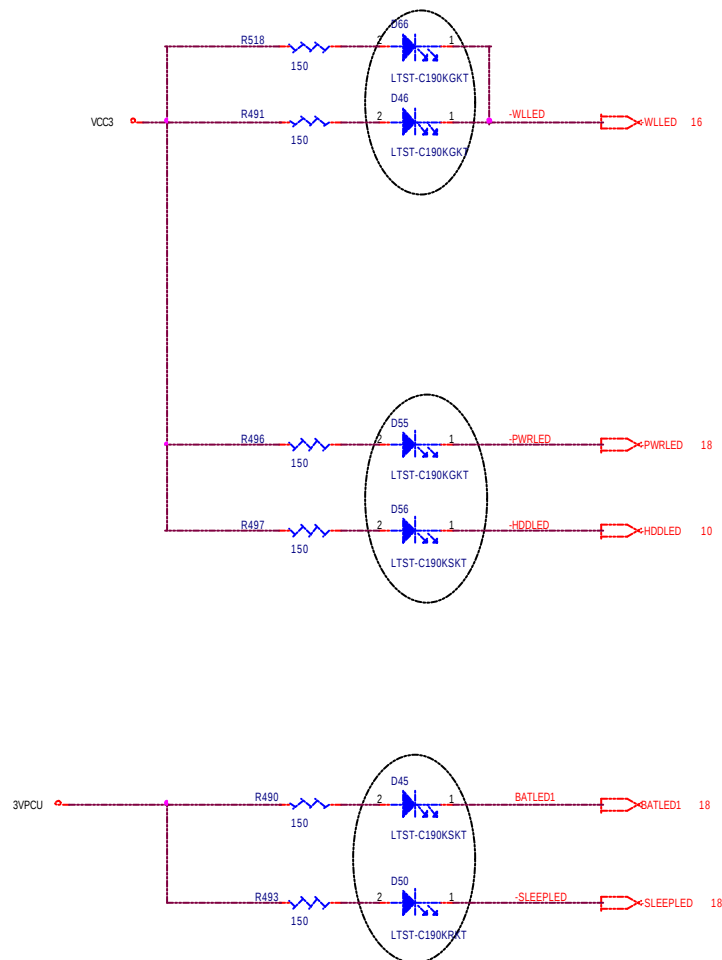


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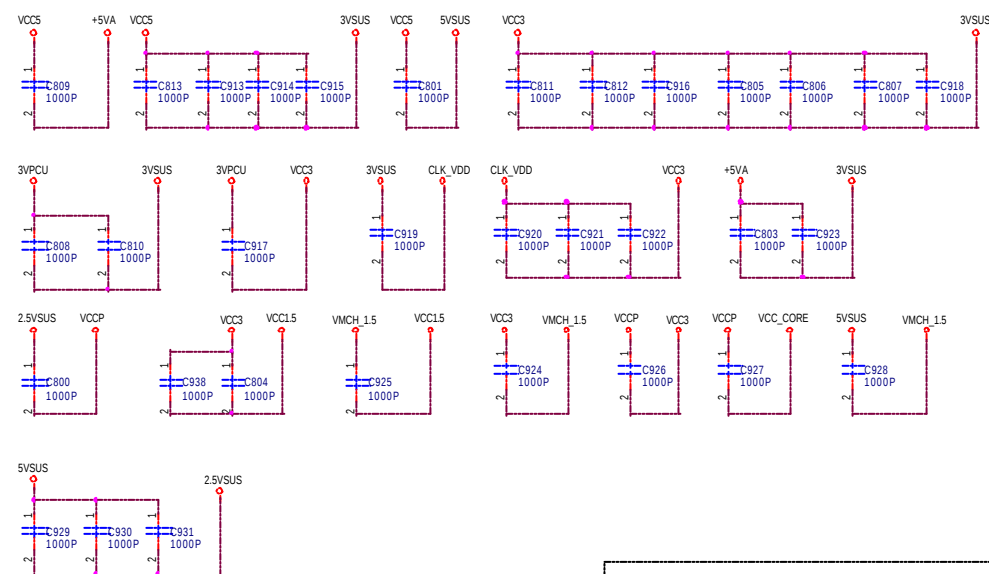
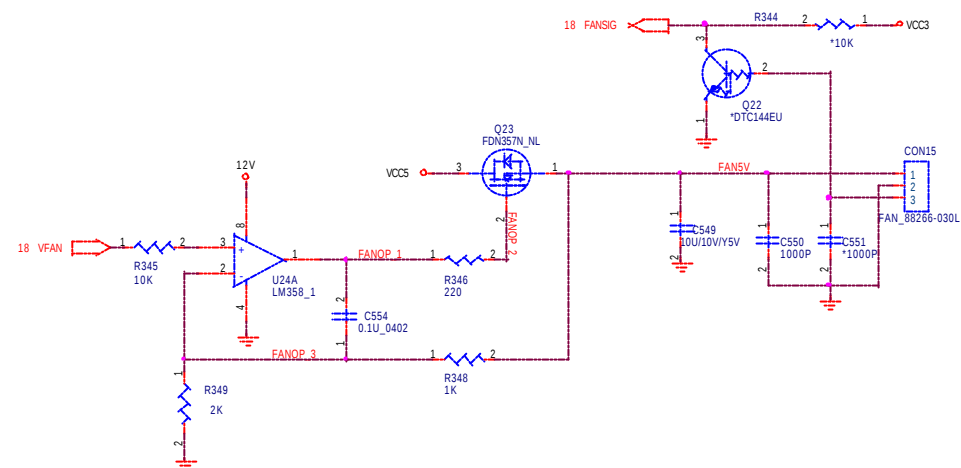
QUANTA COMPUTER

File: K/B_USB
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 AK1 Main Board

LED GROUP



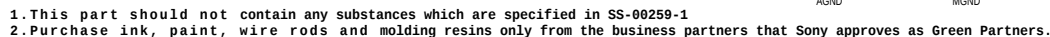
MAIN FAN UNIT



**QUANTA
COMPUTER**

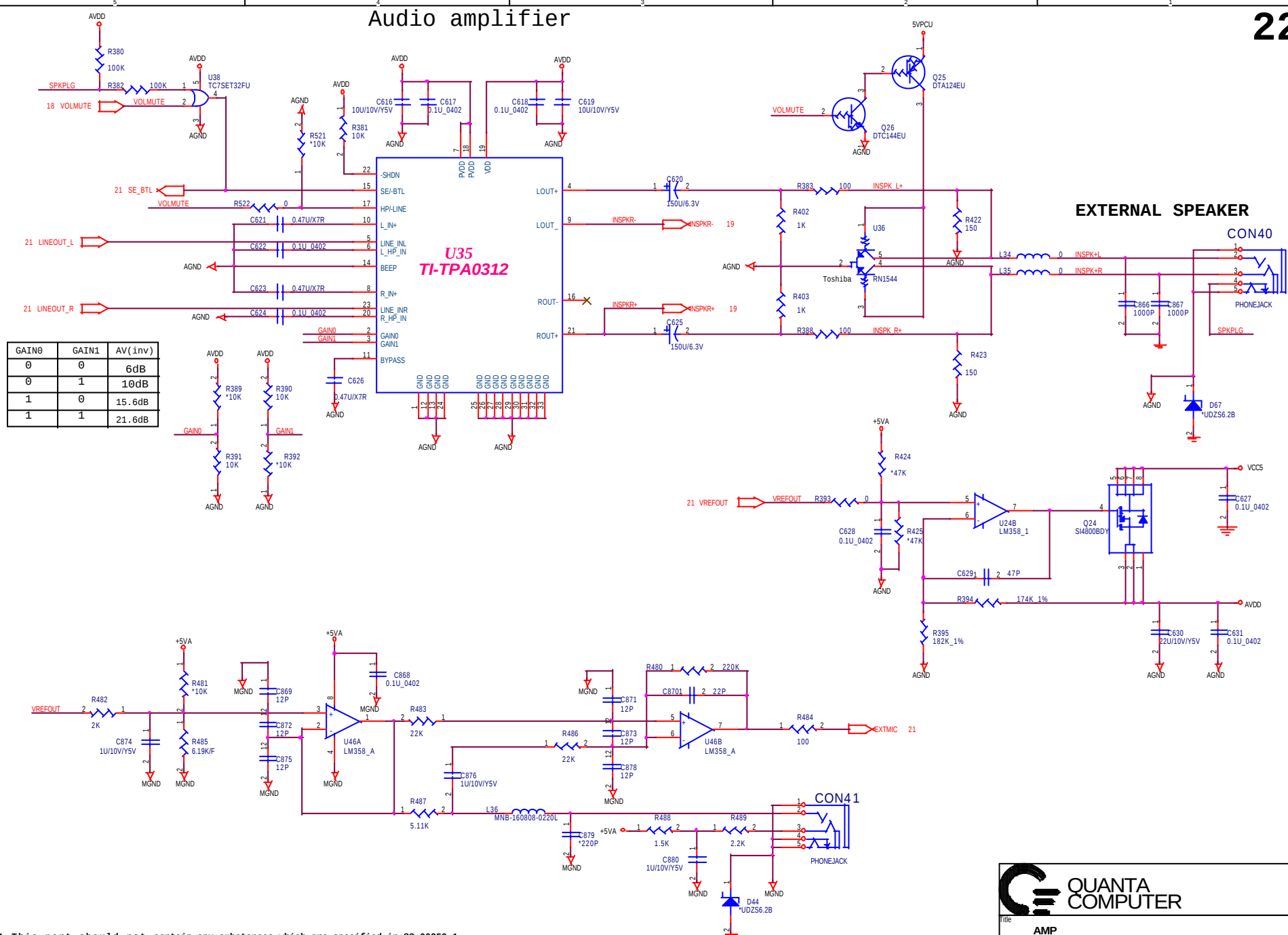
Size	Document Number	LED,P/S,C/B CONNECTOR	Rev
			2A
Date:	日期: 十月12, 2004	Sheet	20 of 30

1. This part should not contain any substances which are specified in SS-00259-1
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Audio amplifier

22



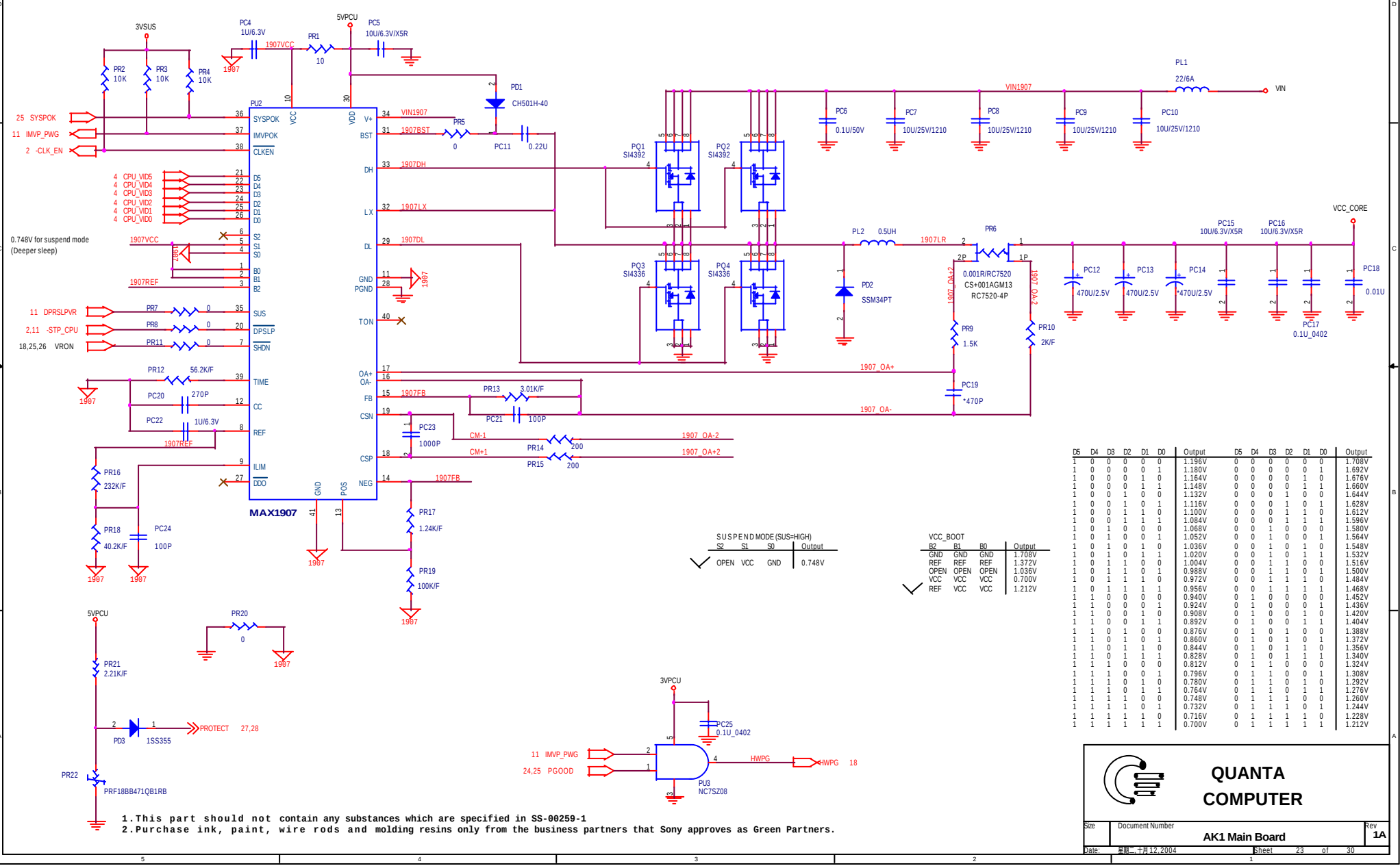
1. This part should not contain any substances which are specified in SS-00259-1
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Size	Document Number	
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CPU CORE

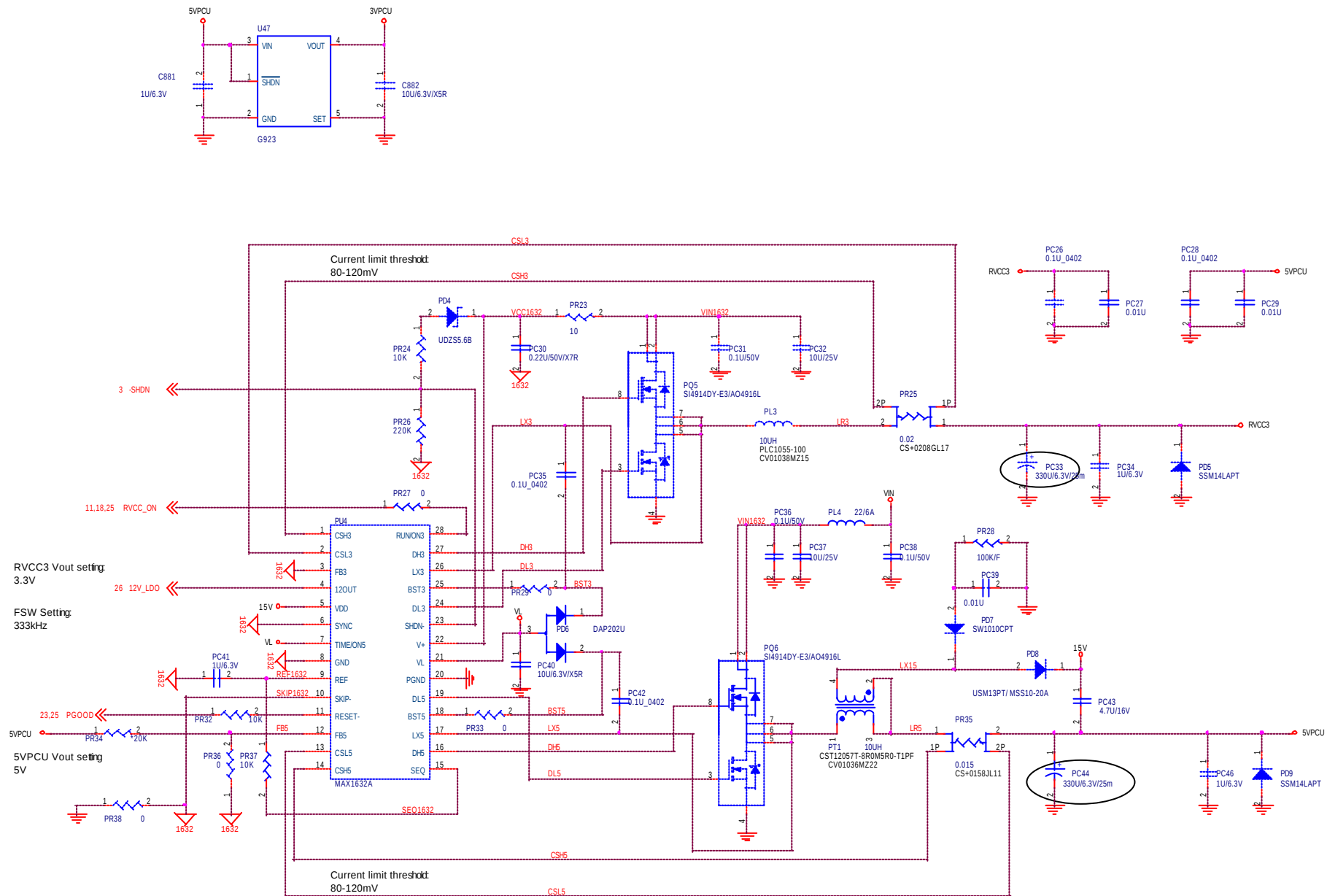
23



D5	D4	D3	D2	D1	D0	Output	D5	D4	D3	D2	D1	D0	Output
1	0	0	0	0	0	1.196V	0	0	0	0	0	0	1.708V
1	0	0	0	0	1	1.180V	0	0	0	0	0	1	1.692V
1	0	0	0	1	0	1.164V	0	0	0	0	1	0	1.676V
1	0	0	0	1	1	1.148V	0	0	0	0	1	1	1.660V
1	0	0	1	0	0	1.132V	0	0	0	1	0	0	1.644V
1	0	0	1	0	1	1.116V	0	0	0	1	0	1	1.628V
1	0	0	1	1	0	1.100V	0	0	0	1	1	0	1.612V
1	0	0	1	1	1	1.084V	0	0	0	1	1	1	1.596V
1	0	1	0	0	0	1.068V	0	0	1	0	0	0	1.580V
1	0	1	0	0	1	1.052V	0	0	1	0	0	1	1.564V
1	0	1	0	1	0	1.036V	0	0	1	0	1	0	1.548V
1	0	1	0	1	1	1.020V	0	0	1	0	1	1	1.532V
1	0	1	1	0	0	1.004V	0	0	1	1	0	0	1.516V
1	0	1	1	0	1	0.988V	0	0	1	1	0	1	1.500V
1	0	1	1	1	0	0.972V	0	0	1	1	1	0	1.484V
1	0	1	1	1	1	0.956V	0	0	1	1	1	1	1.468V
1	1	0	0	0	0	0.940V	0	1	0	0	0	0	1.452V
1	1	0	0	0	1	0.924V	0	1	0	0	0	1	1.436V
1	1	0	0	1	0	0.908V	0	1	0	0	1	0	1.420V
1	1	0	0	1	1	0.892V	0	1	0	0	1	1	1.404V
1	1	0	1	0	0	0.876V	0	1	0	1	0	0	1.388V
1	1	0	1	0	1	0.860V	0	1	0	1	0	1	1.372V
1	1	0	1	1	0	0.844V	0	1	0	1	1	0	1.356V
1	1	0	1	1	1	0.828V	0	1	0	1	1	1	1.340V
1	1	1	0	0	0	0.812V	0	1	1	0	0	0	1.324V
1	1	1	0	0	1	0.796V	0	1	1	0	0	1	1.308V
1	1	1	0	1	0	0.780V	0	1	1	0	1	0	1.292V
1	1	1	0	1	1	0.764V	0	1	1	0	1	1	1.276V
1	1	1	1	0	0	0.748V	0	1	1	1	0	0	1.260V
1	1	1	1	0	1	0.732V	0	1	1	1	0	1	1.244V
1	1	1	1	1	0	0.716V	0	1	1	1	1	0	1.228V
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**QUANTA
COMPUTER**

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	AK1 Main Board	1A
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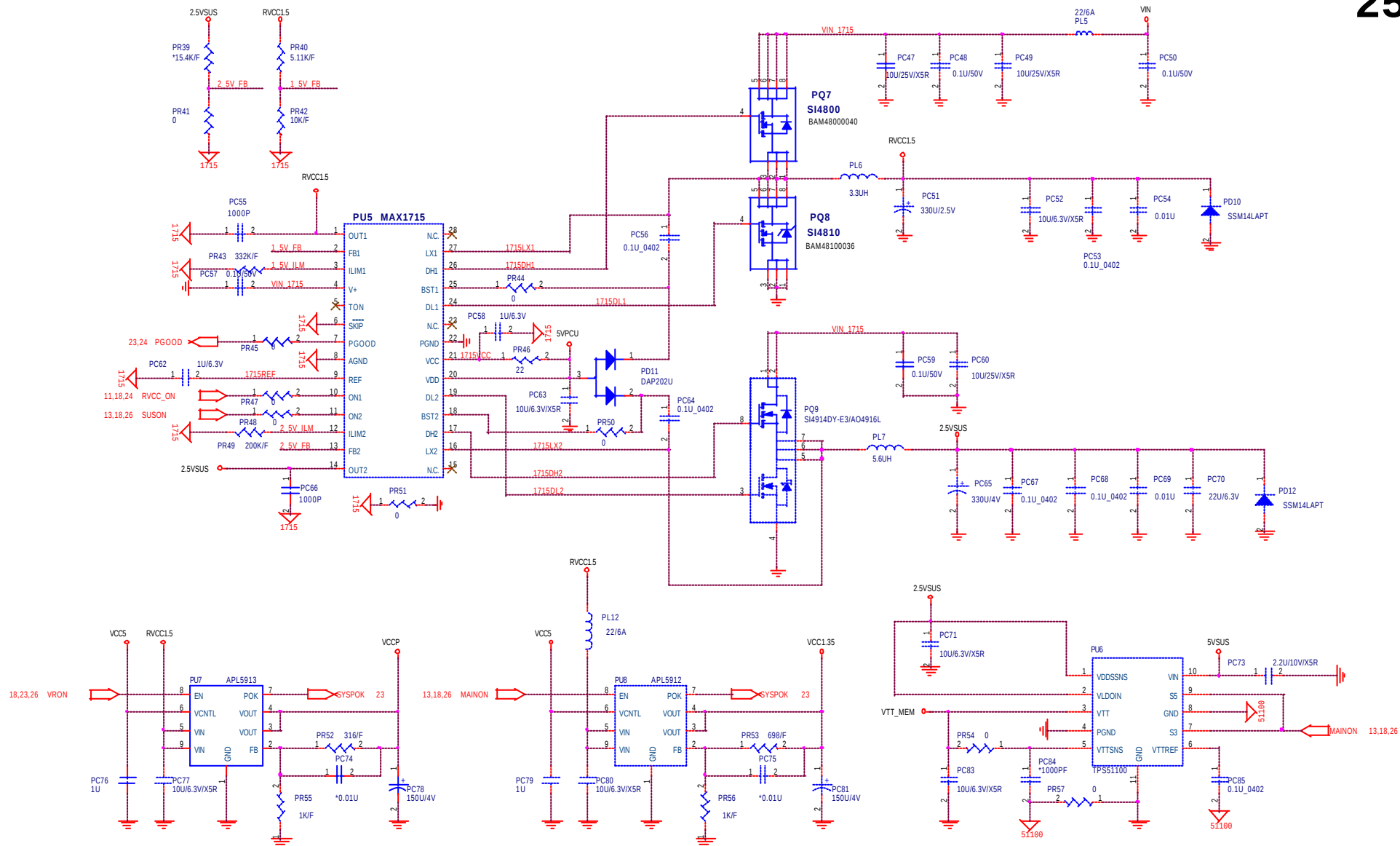


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QUANTA
COMPUTER

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			2A
Date:	2004.10.14	Sheet	24 of 30

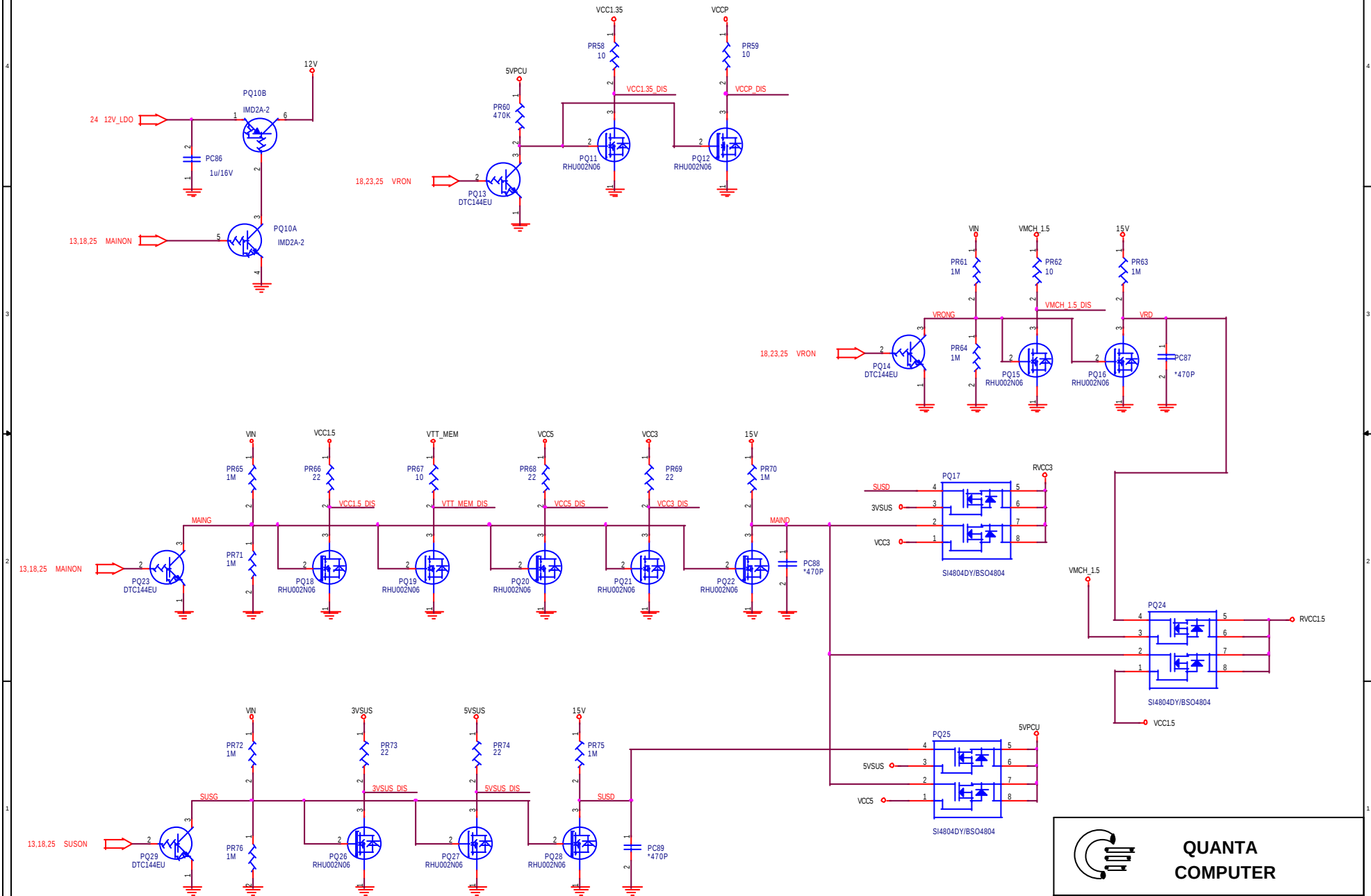


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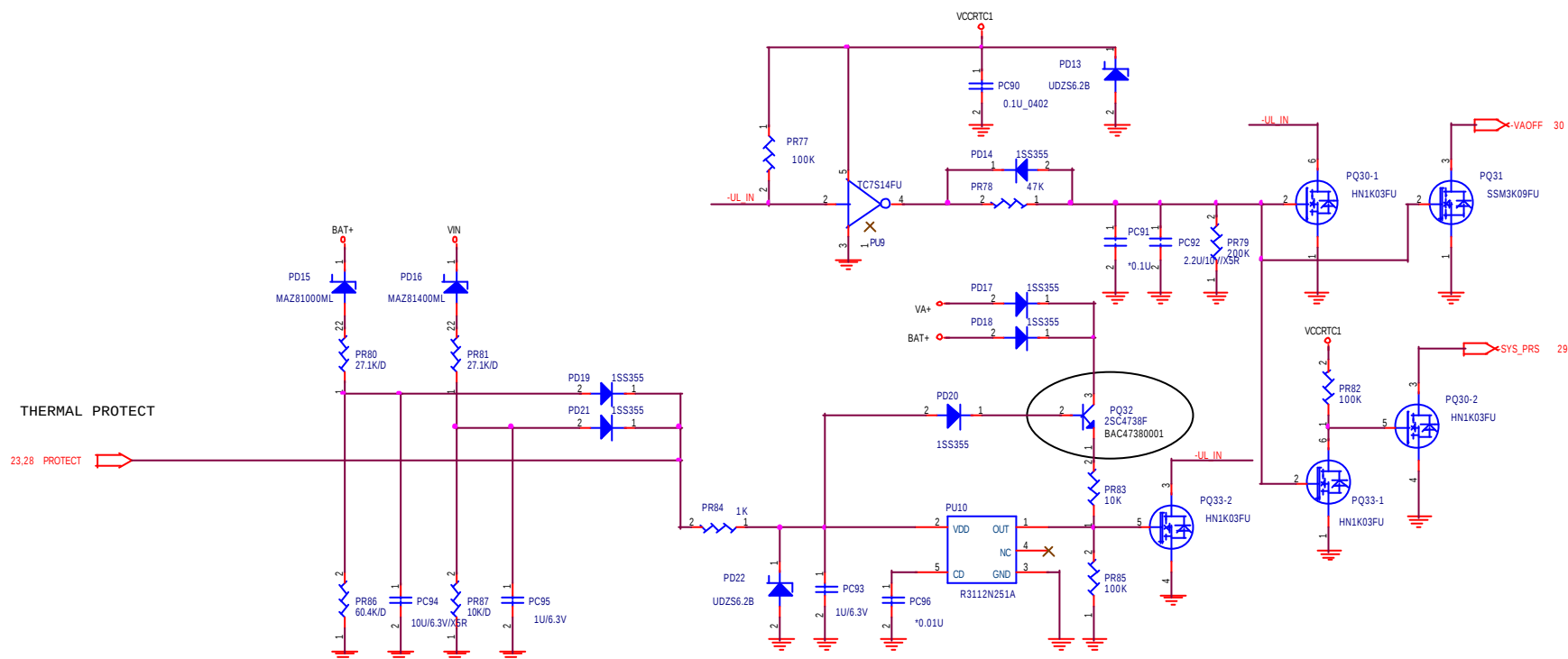


**QUANTA
COMPUTER**

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		AK1 Main Board		1A	
Date:	2004.12.10	Sheet	26	of	30

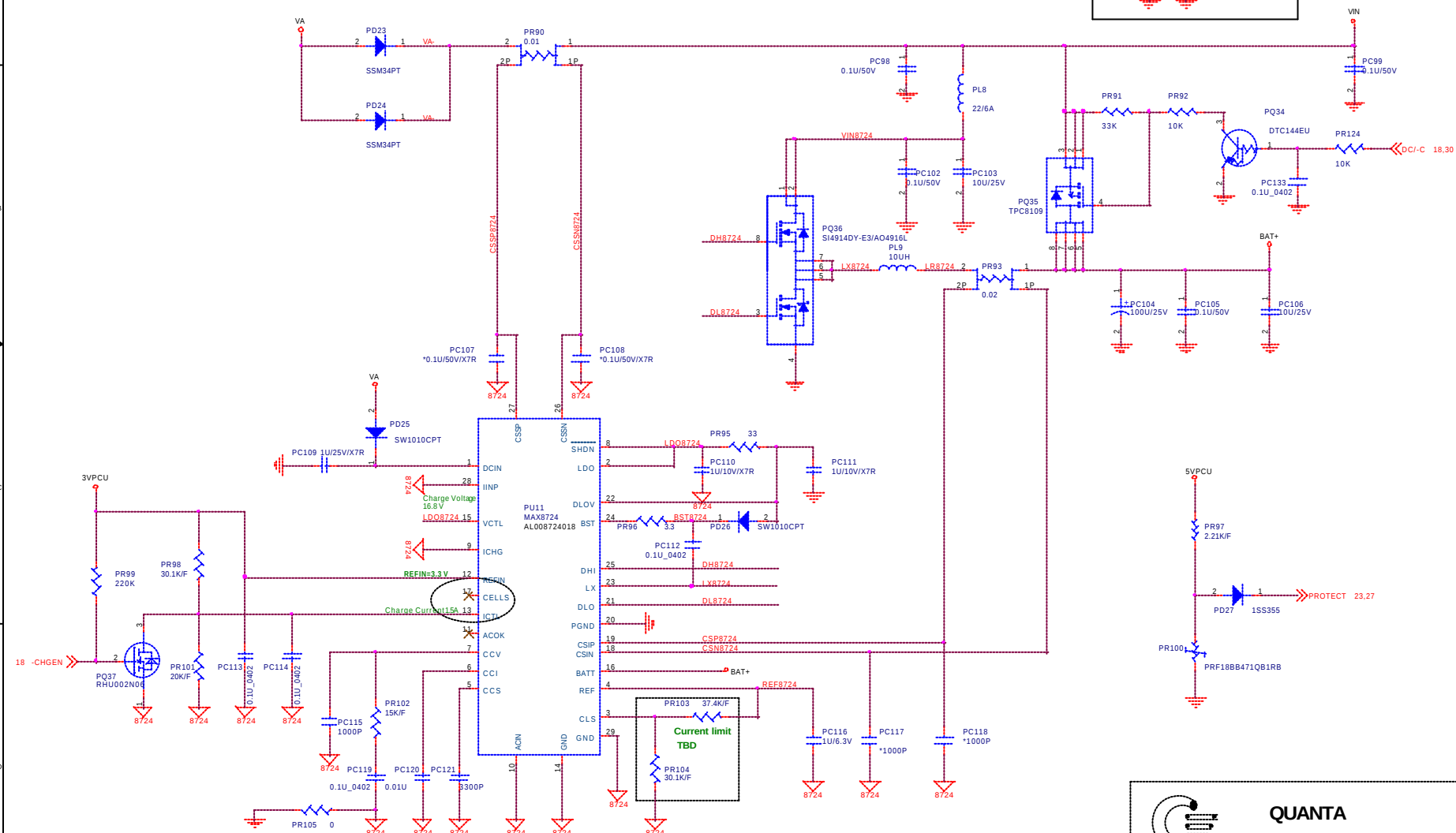


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**QUANTA
COMPUTER**

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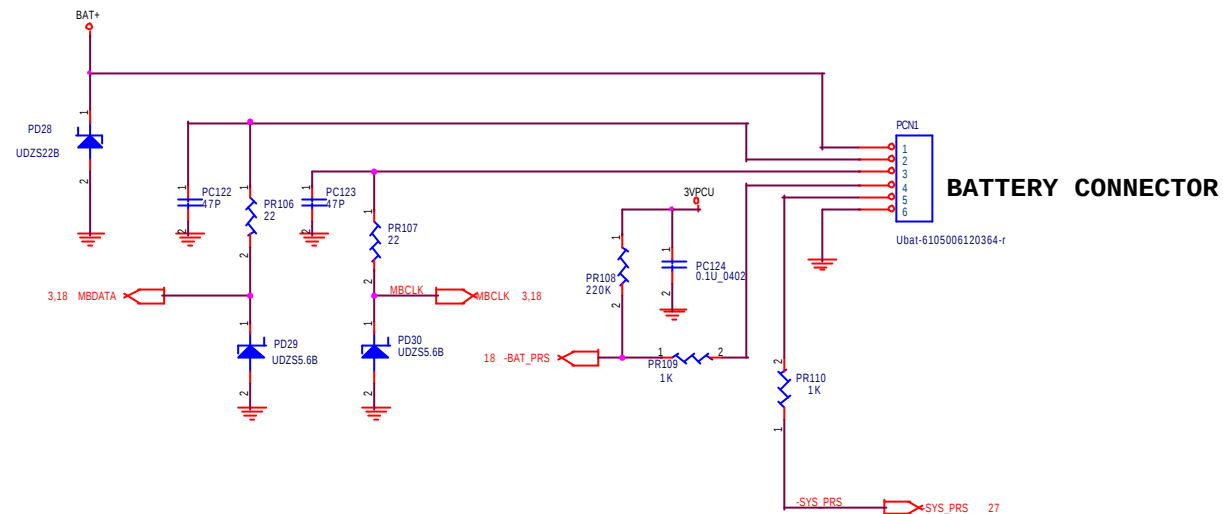
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COMPUTER

Size Document Number
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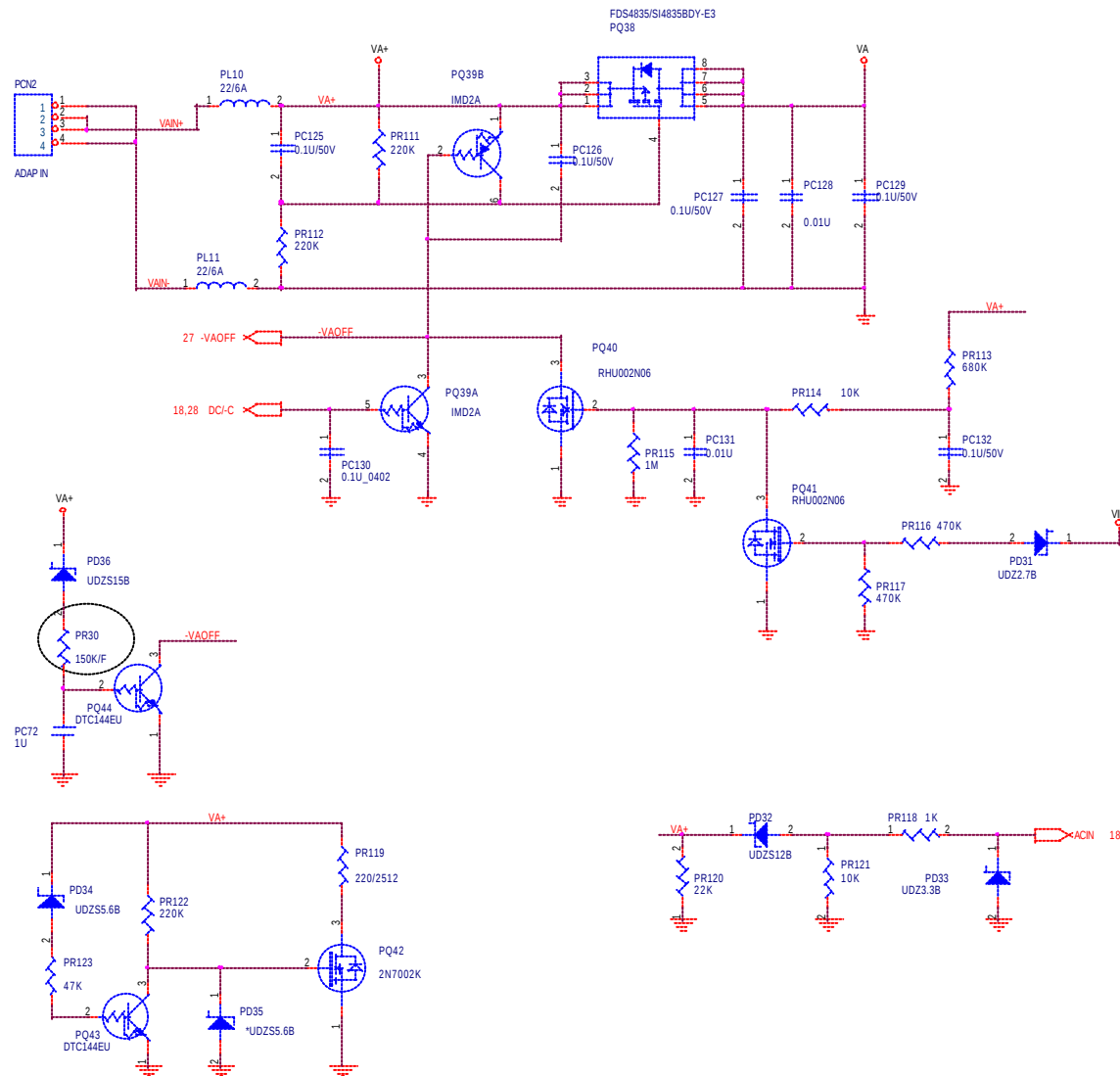


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**QUANTA
COMPUTER**

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**QUANTA
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