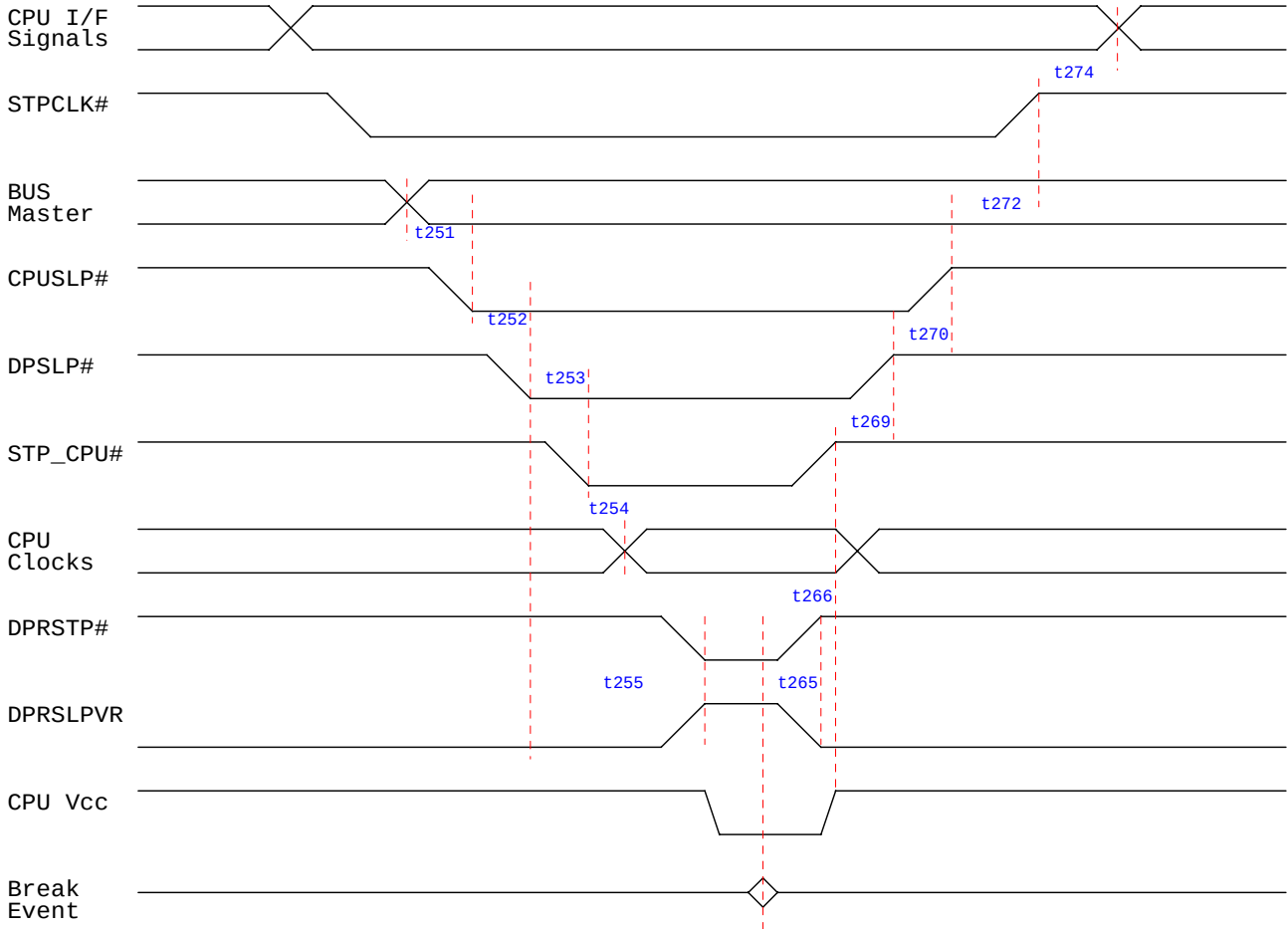


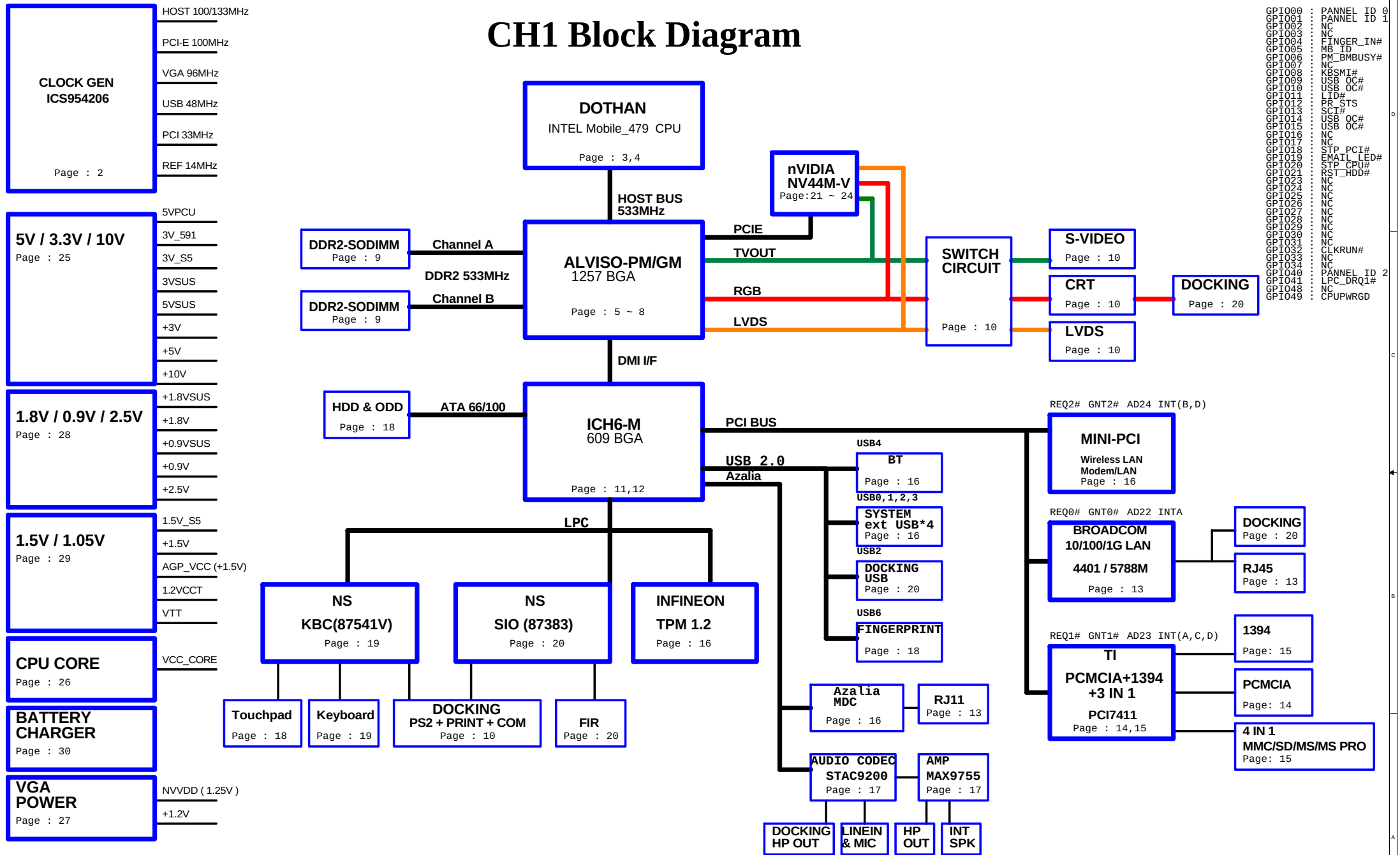
915 C0 TO C4 TO C0 Timings



	min	max	Units
t251	2.88		PCICLK
t252	16		PCICLK
t253	1	1	PCICLK
t254	0	-	PCICLK
t255	0	-	
t265	1.5	1.8	us
t266			
t269	1	1	PCICLK
t270			
t272	0		
t274	8	9	PCICLK

MODEL :		REV:	CHANGE LIST:				ECN NO		MODEL : CH1 MB		
CH1 MotherBoard	2A	FIRST RELEASE					E200506-4922 E200507-0708	PAGE	FROM	TO	
								1	2A		
								2	2A		
								3	2A		
								4	2A		
								5	2A		
								6	2A		
								7	2A		
								8	2A		
								9	2A		
								10	2A		
								11	2A		
								12	2A		
								13	2A		
								14	2A		
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								16	2A		
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30	2A										

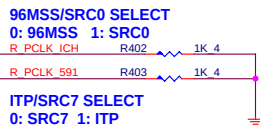
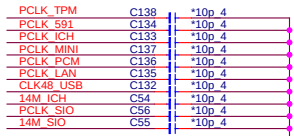
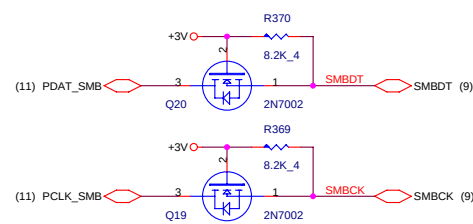
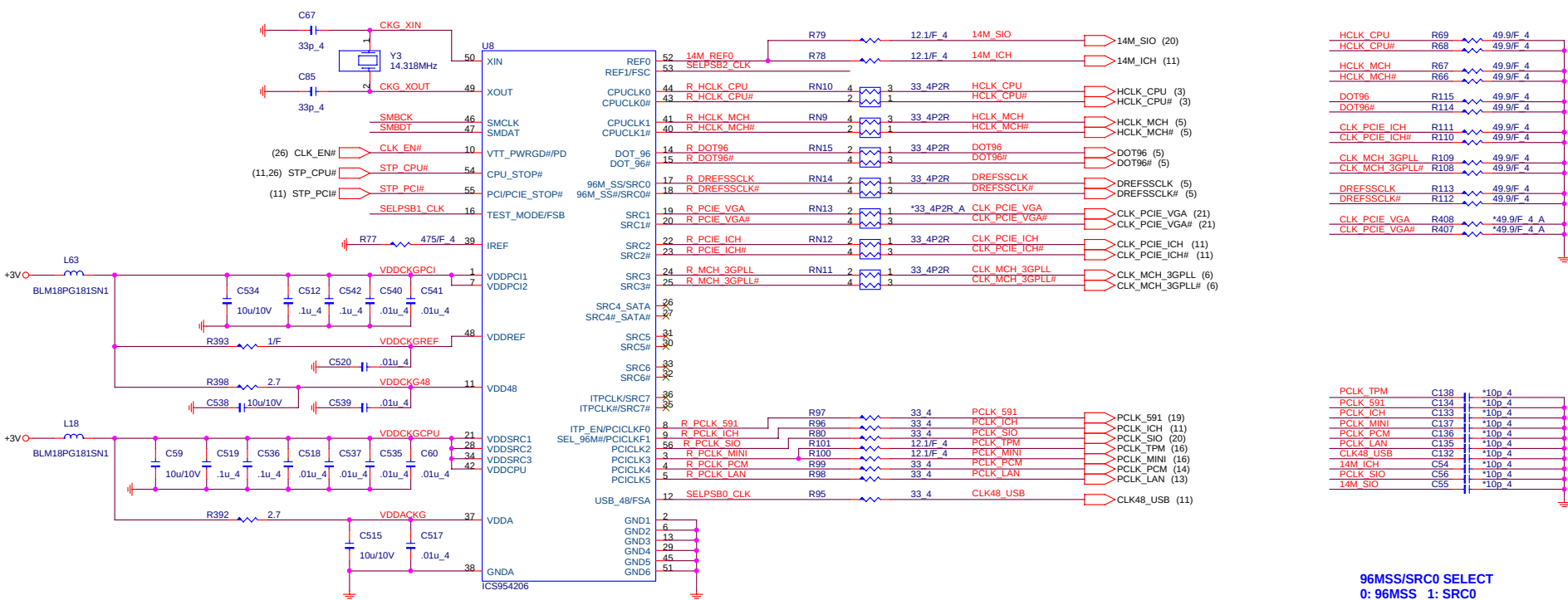
CH1 Block Diagram



ICH6 GPIO DEFINE	
GPI000	PANNEL ID 0
GPI001	PANNEL ID 1
GPI002	NC
GPI003	NC
GPI004	FINGER_IN#
GPI005	MB_ID
GPI006	PM_BMBUSY#
GPI007	NC
GPI008	KBSMI#
GPI009	USB_OC#
GPI010	USB_OC#
GPI011	LID#
GPI012	PR_STS
GPI013	SCI#
GPI014	USB_OC#
GPI015	USB_OC#
GPI016	NC
GPI017	NC
GPI018	STP_PCI#
GPI019	EMAIL_LED#
GPI020	STP_CPU#
GPI021	RST_HDD#
GPI022	NC
GPI023	NC
GPI024	NC
GPI025	NC
GPI026	NC
GPI027	NC
GPI028	NC
GPI029	NC
GPI030	NC
GPI031	NC
GPI032	CLKRUN#
GPI033	NC
GPI034	NC
GPI040	PANNEL ID 2
GPI041	LPC_DRQ1#
GPI048	NC
GPI049	CPUPWRGD

PCI ROUTING TABLE	IDSEL	INTERRUPT	DEVICE
REQ0# / GNT0#	AD22	INTA#	BROADCOM LAN
REQ2# / GNT2#	AD24	INTB# , INTD#	MINI-PCI
REQ1# / GNT1#	AD23	INTC# , INTD# , INTA#	TI 7411

CLOCK GENERATOR



+3V

R412

10K_4

FSA

SELPSB0_CLK

R411

1K_4

+VCCP

R410

1K_4

R401

4.7K_4

FSB

SELPSB1_CLK

R409

1K_4

+VCCP

R377

1K_4

R390

4.7K_4

FSC

SELPSB2_CLK

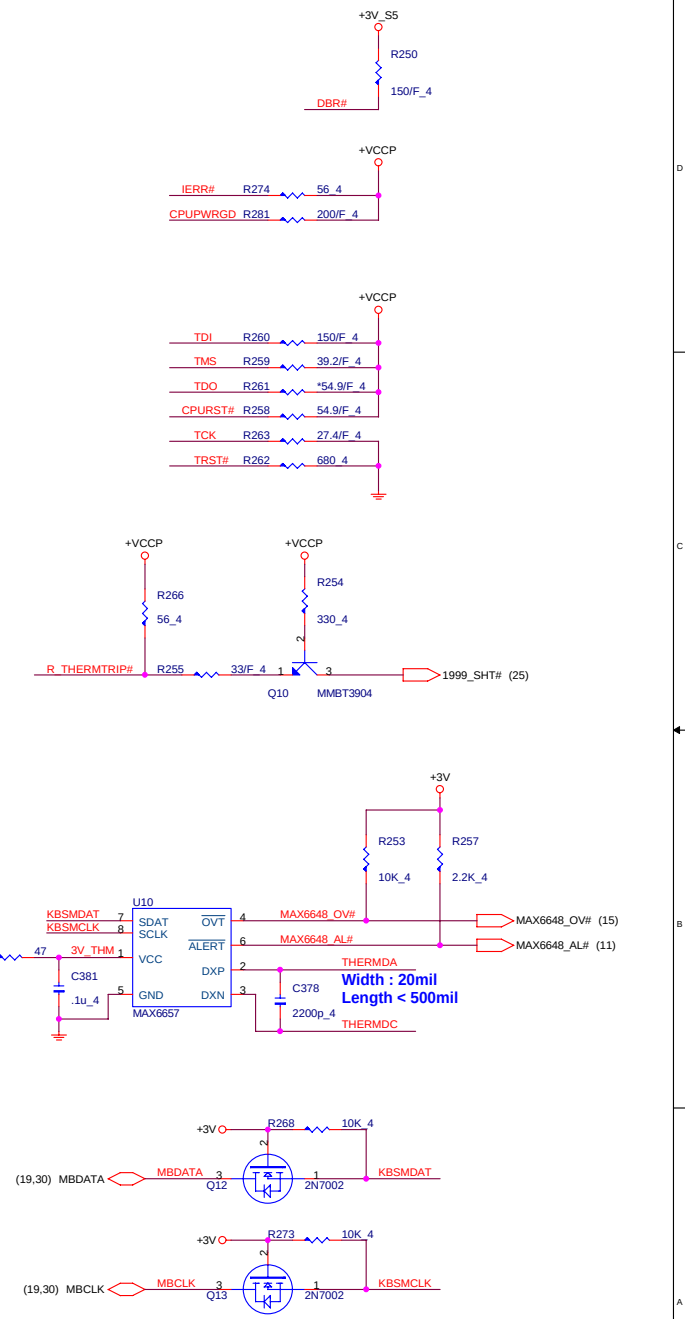
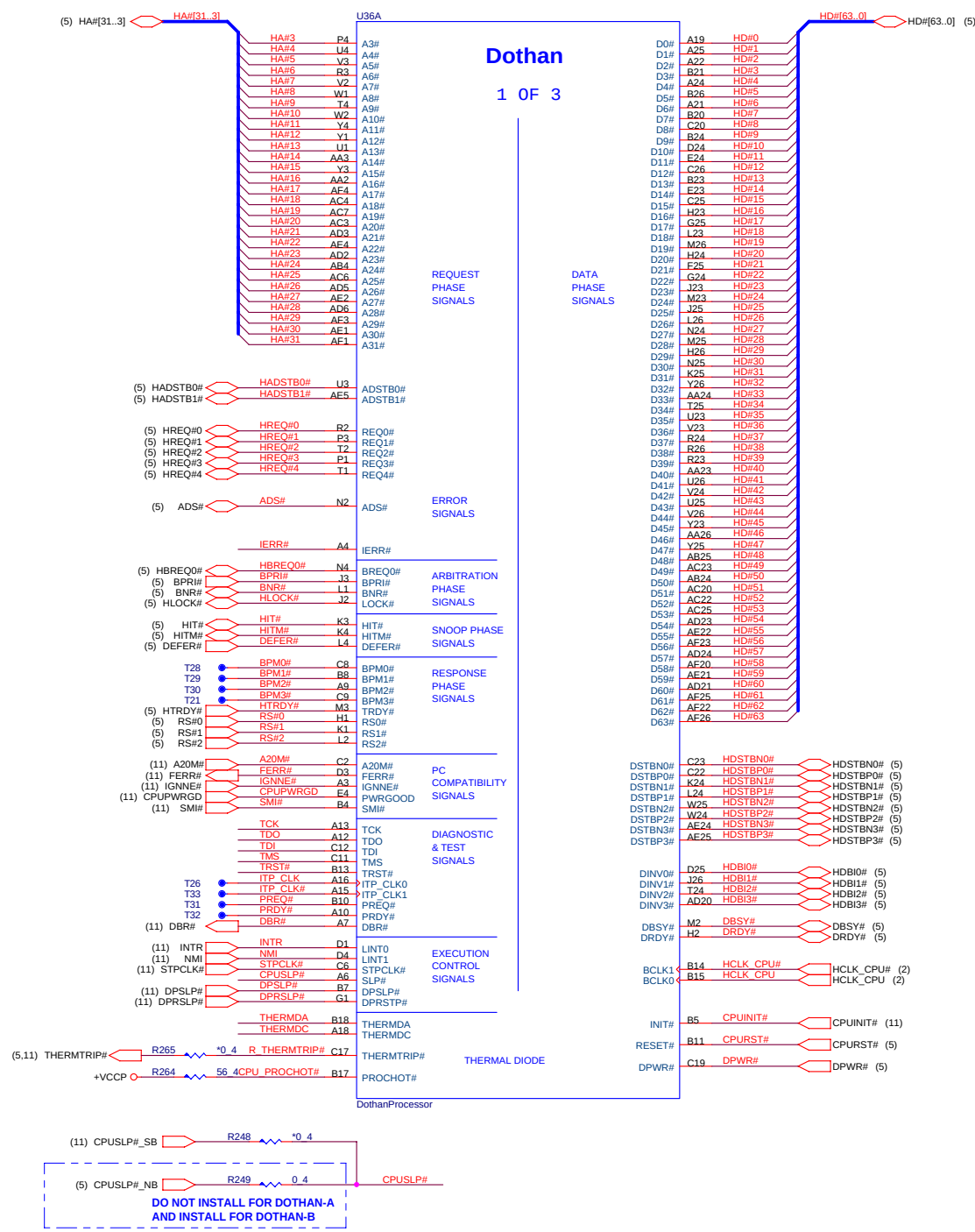
R376

1K_4

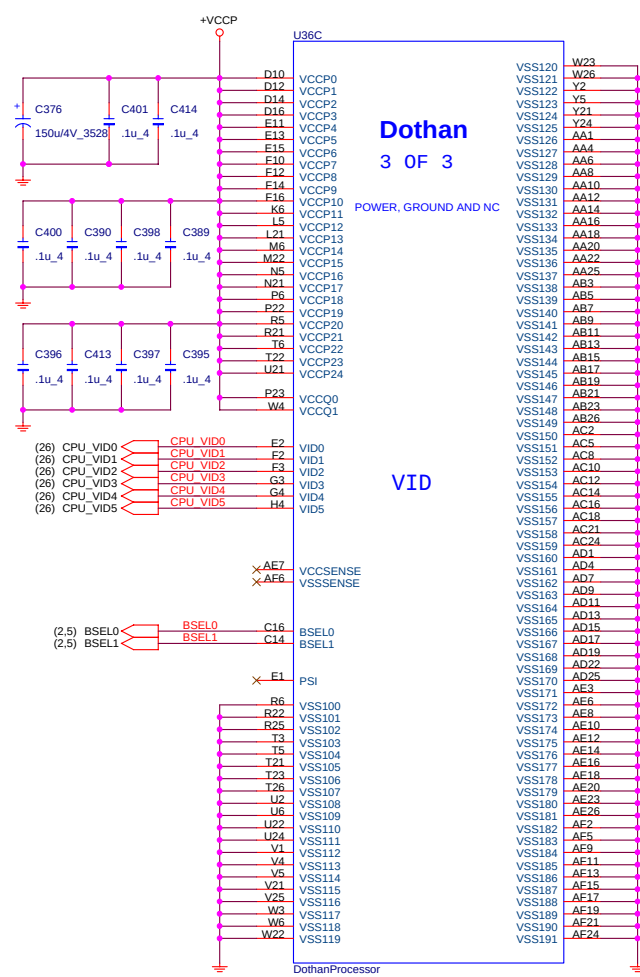
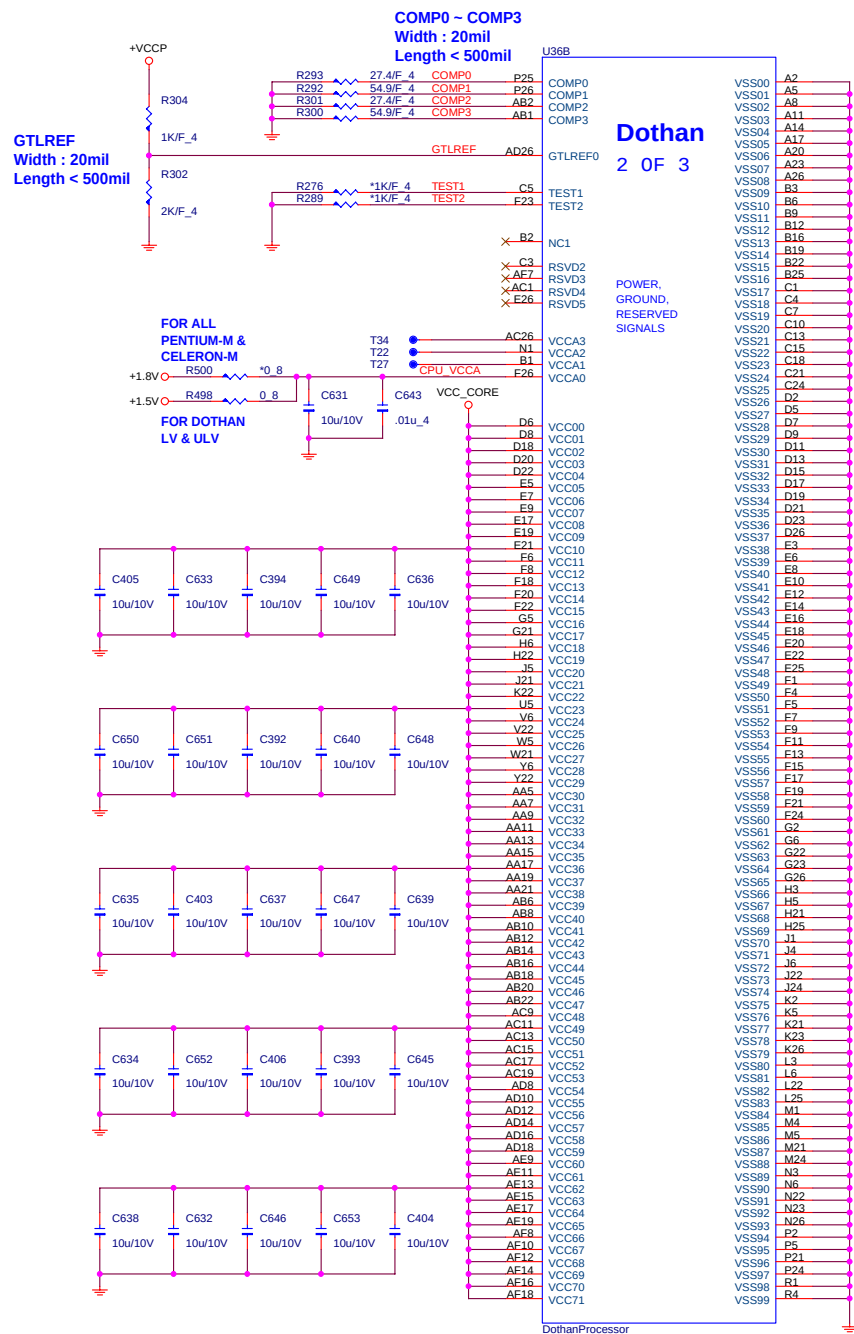
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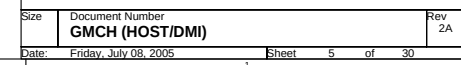
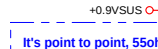
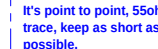
(4,5) BSEL0

FSC	FSB	FSA	CPU	SRC	PCI
1	0	1	100	100	33
0	0	1	133	100	33
0	1	1	166	100	33
0	1	0	200	100	33
0	0	0	266	100	33
1	0	0	333	100	33
1	1	0	400	100	33
1	1	1	RSVD	100	33

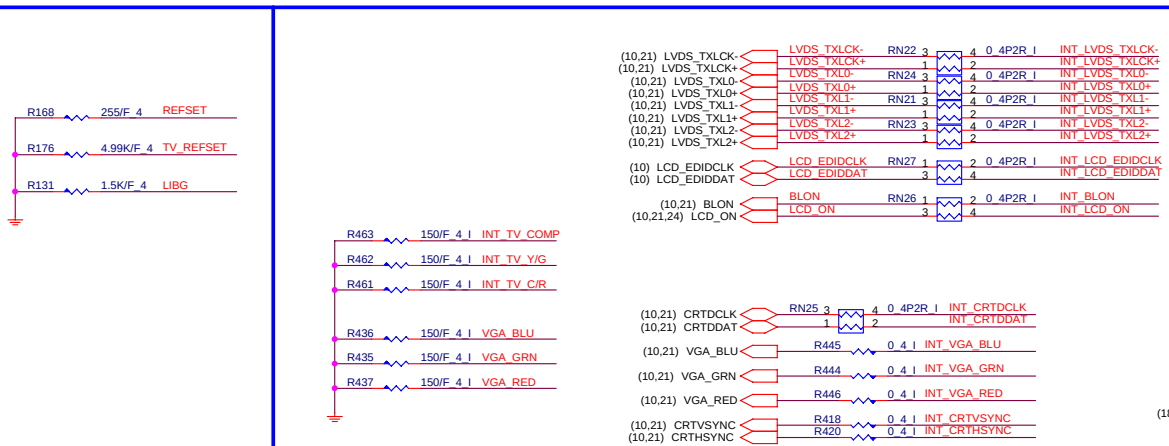
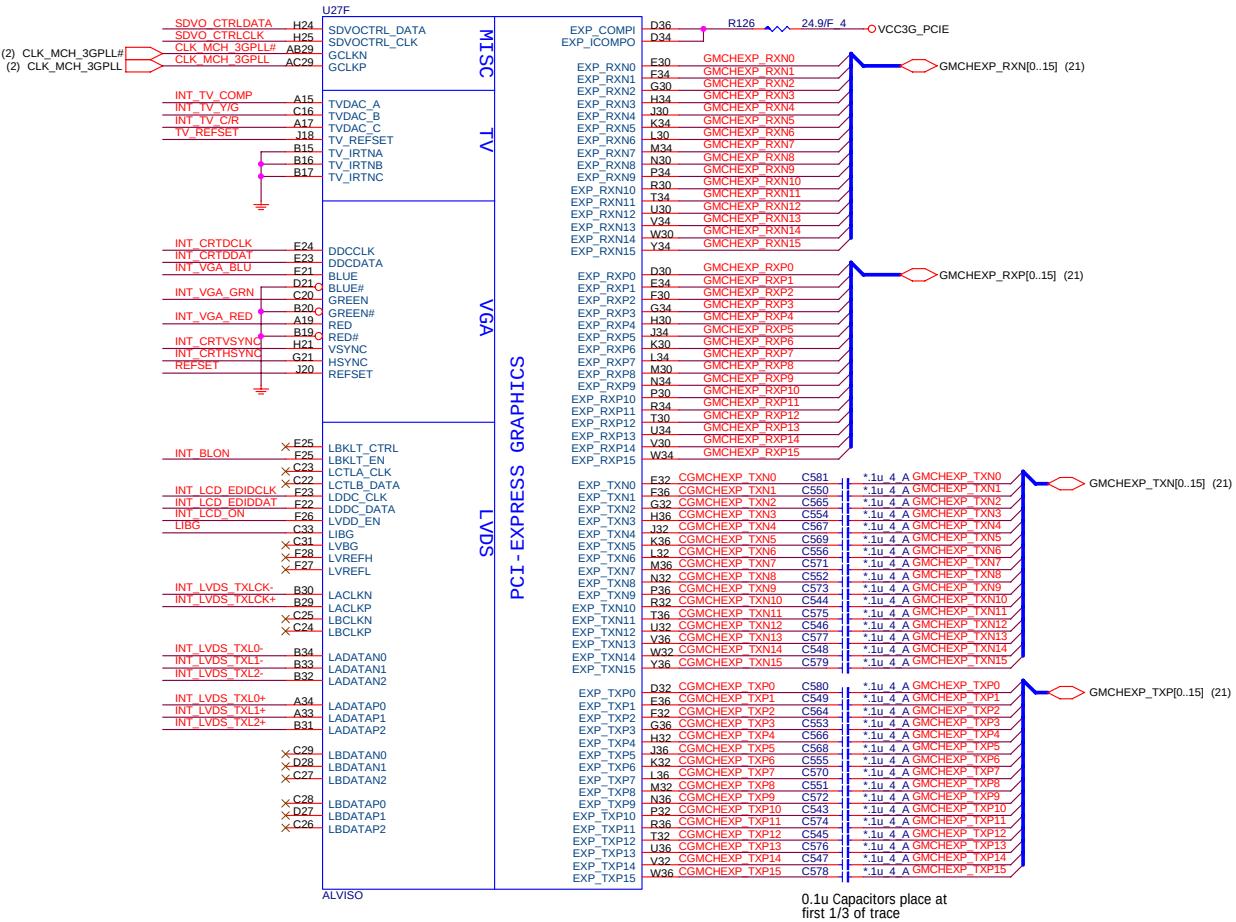


CPU





GMCH



 PROJECT : CH1 Quanta Computer Inc.		
Size	Document Number GMCH (VGA)	Rev 2A
Date:	Friday, July 08, 2005	Sheet 6 of 30

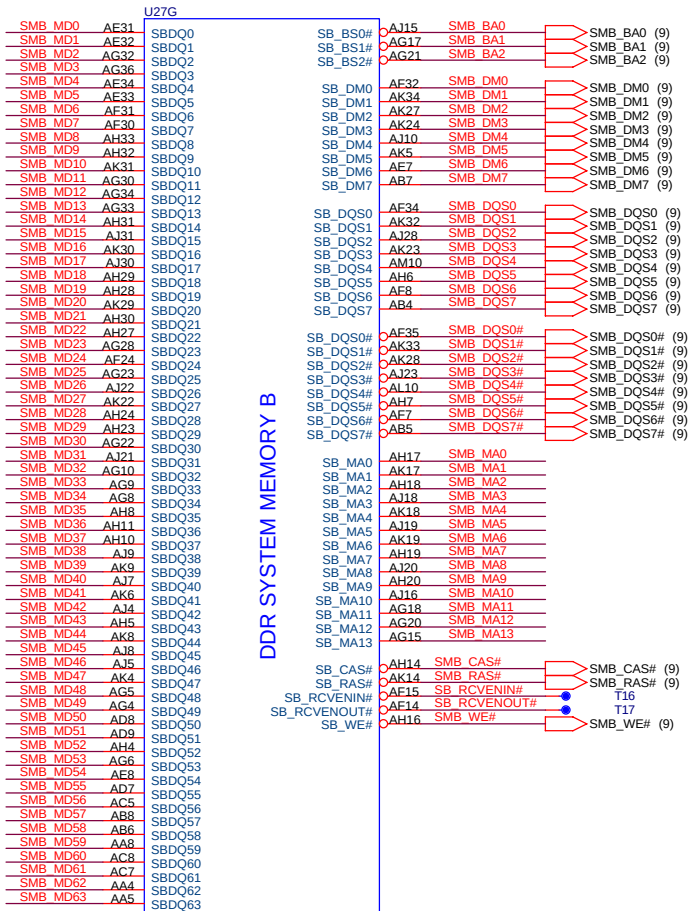
SMA_MD[63..0] (9)

SMA_MA[13..0] (9)



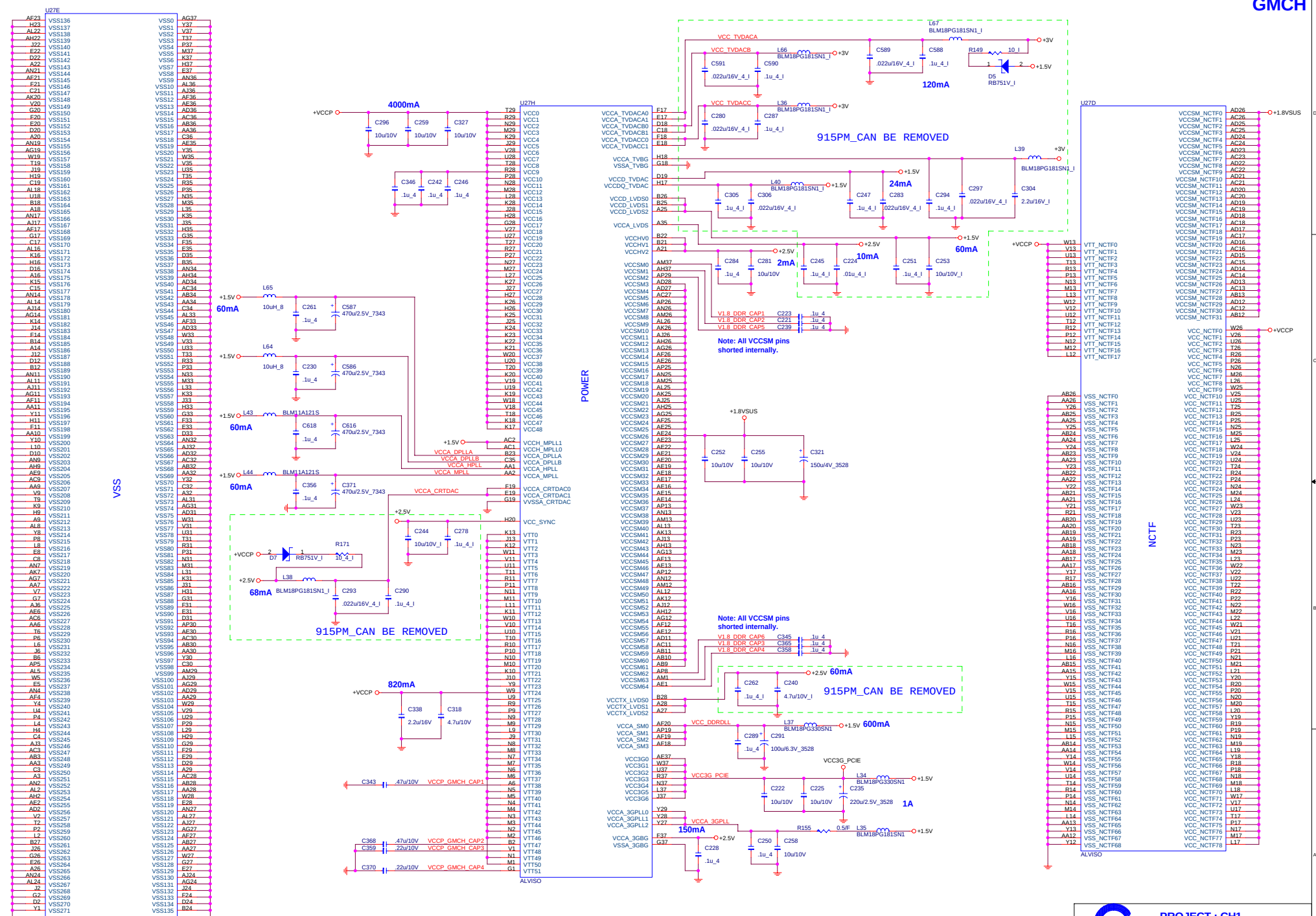
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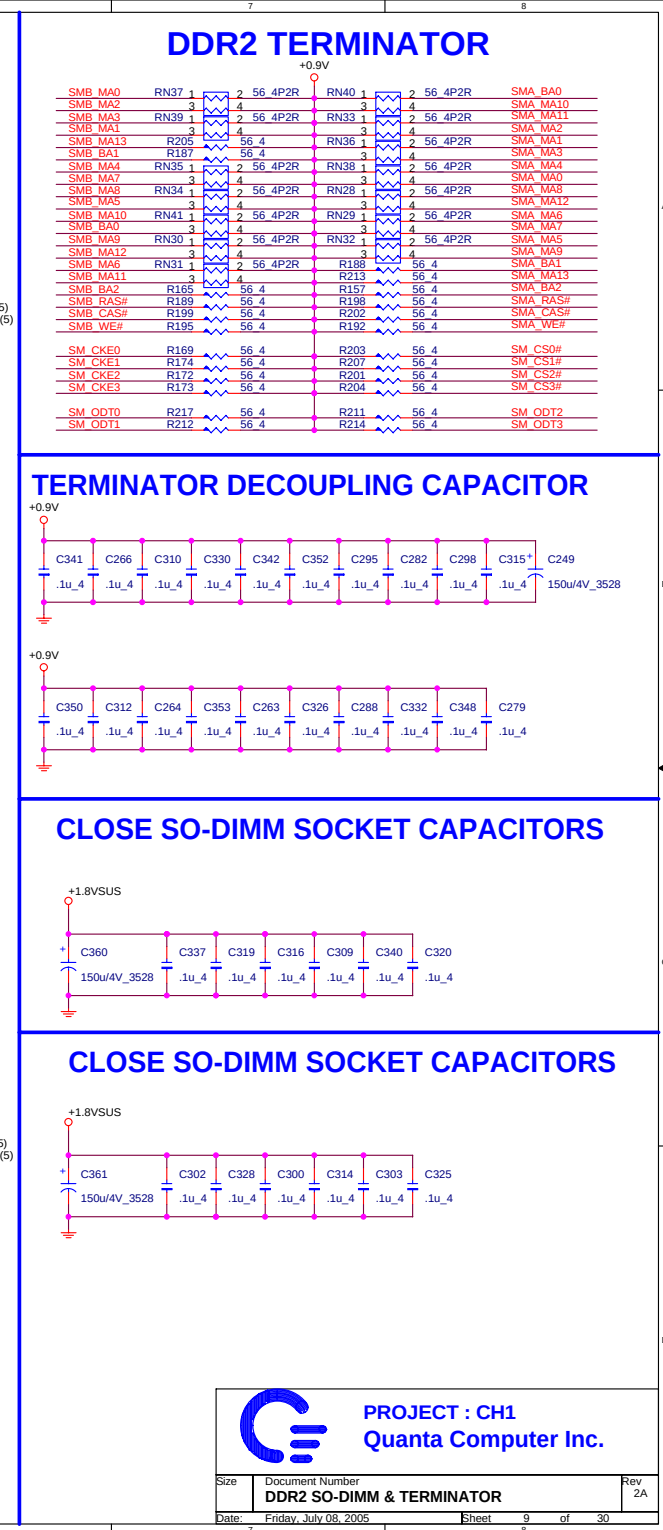
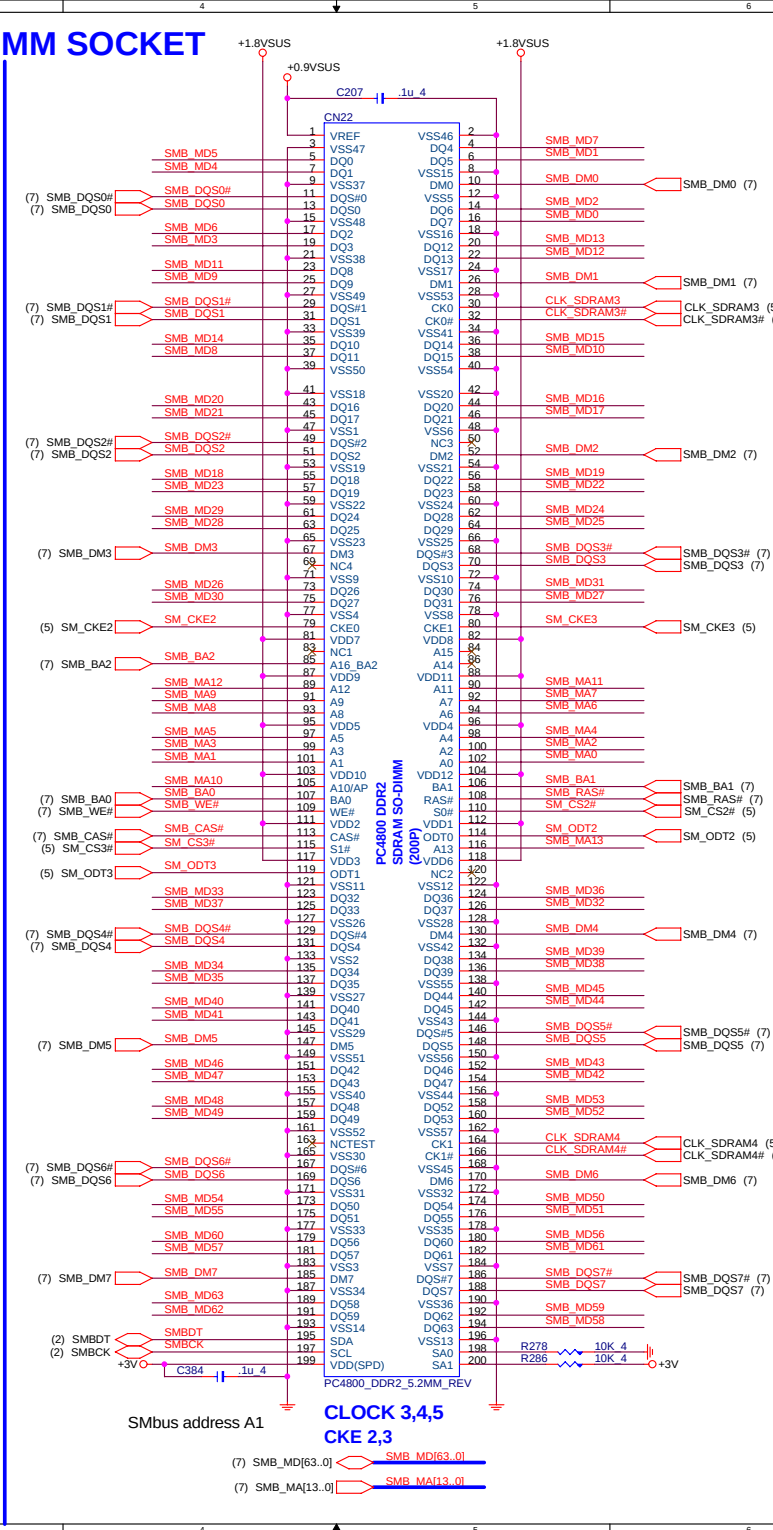
SMB_MA[13..0] (9)



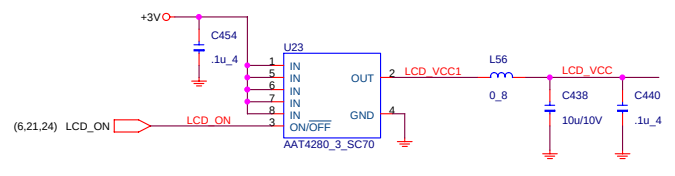
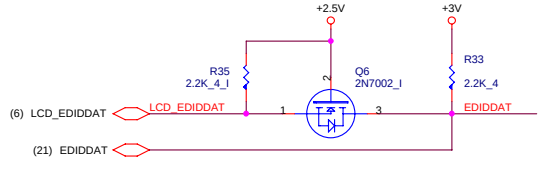
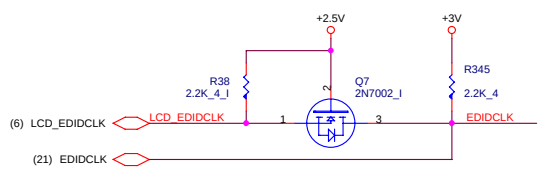
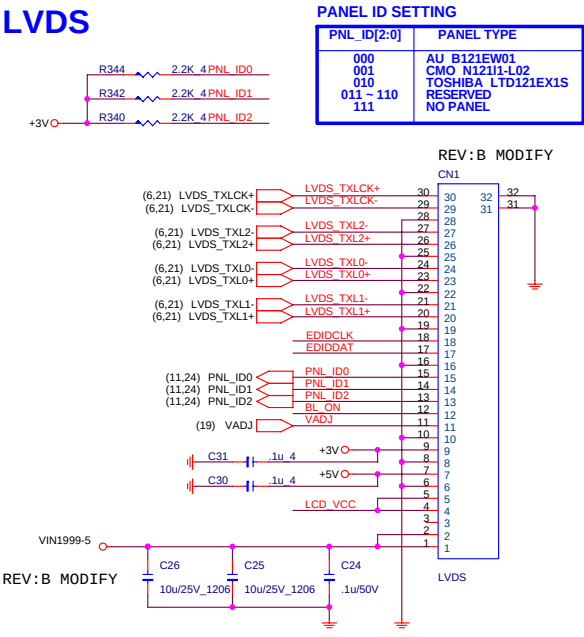
PROJECT : CH1
Quanta Computer Inc.

Size	Document Number	Rev
	GMCH (MEMORY)	2A
Date:	Friday, July 08, 2005	Sheet 7 of 30

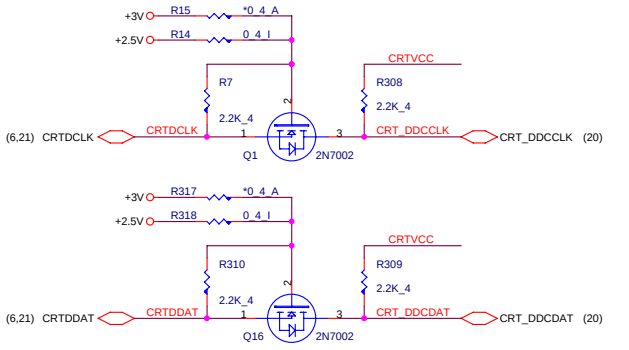
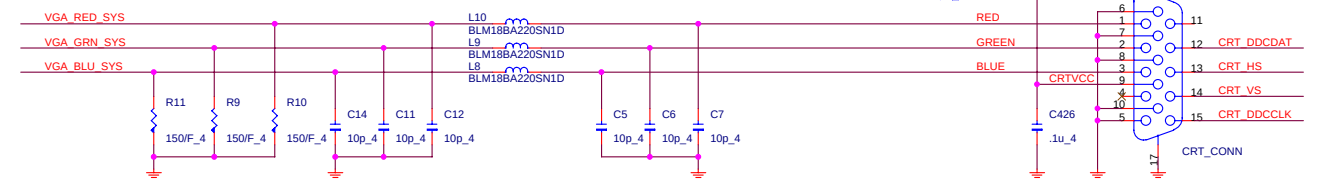
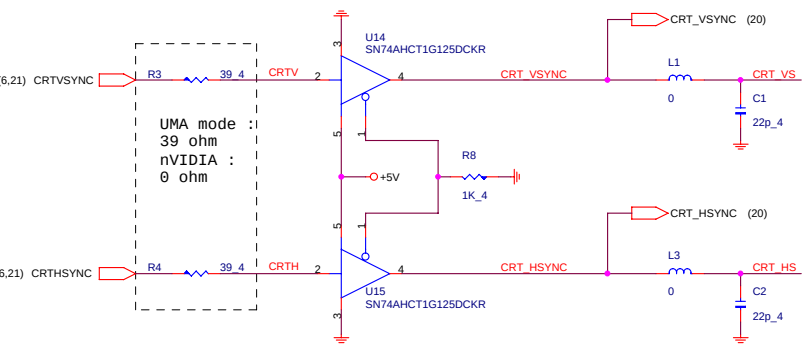
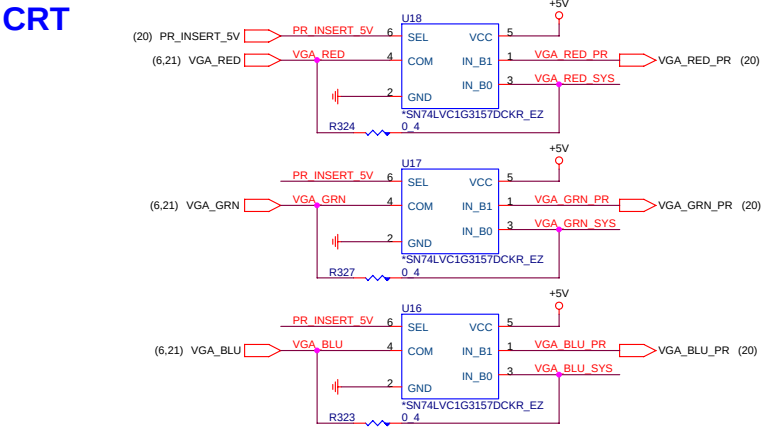


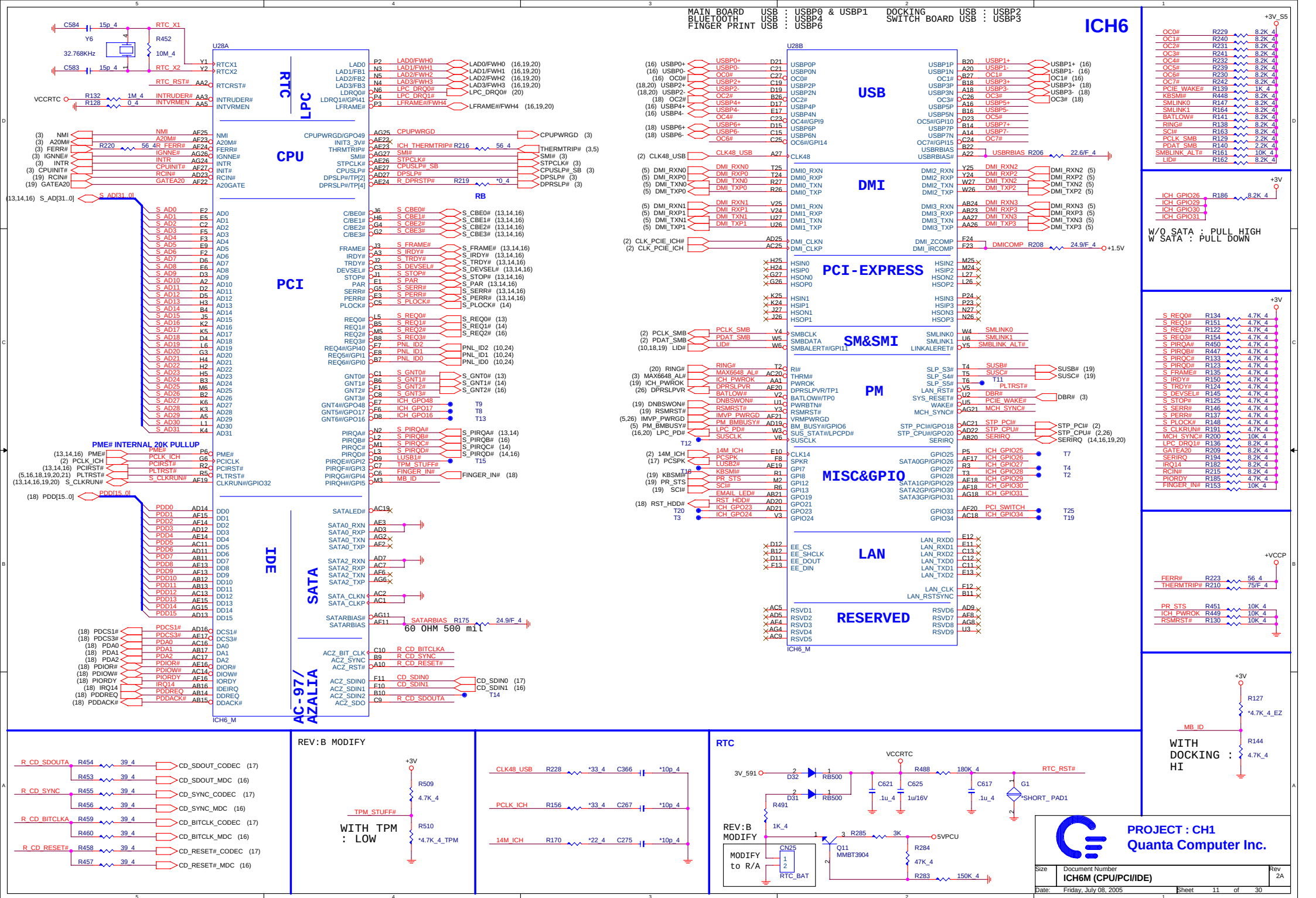


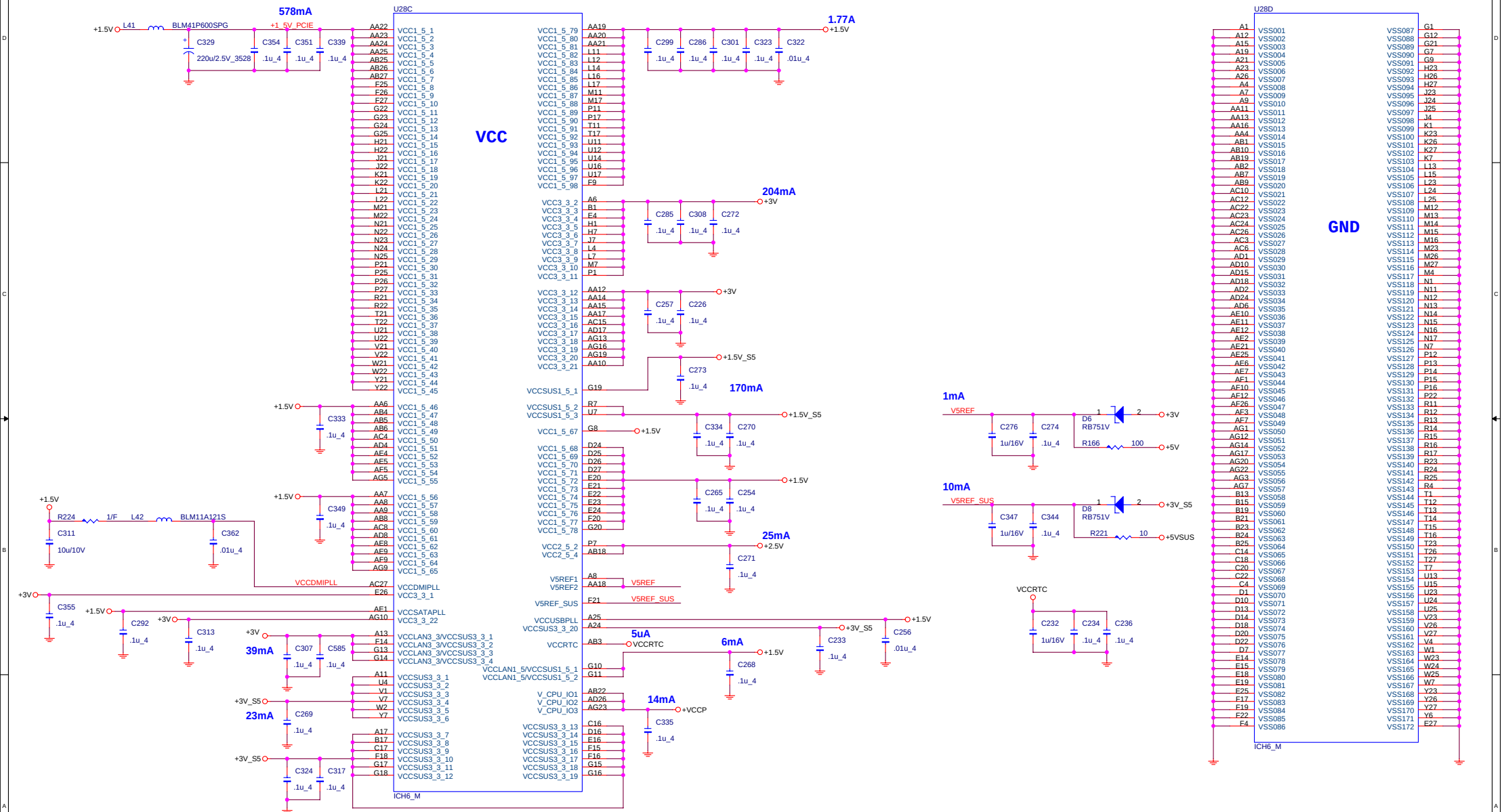
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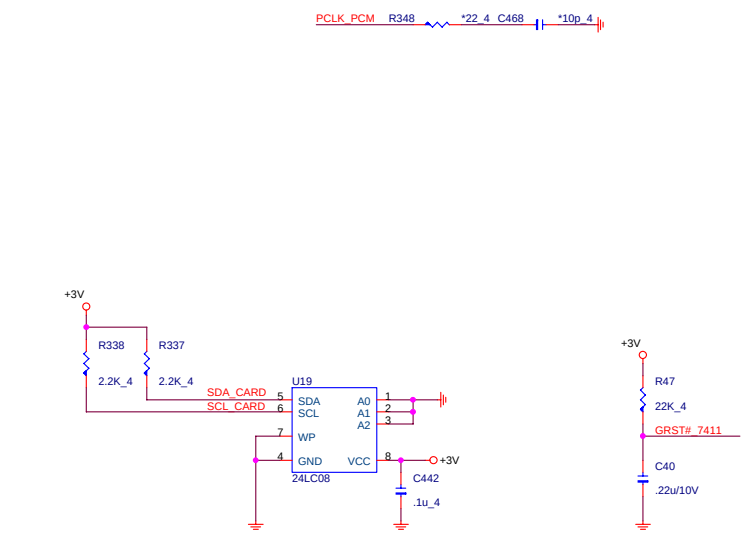
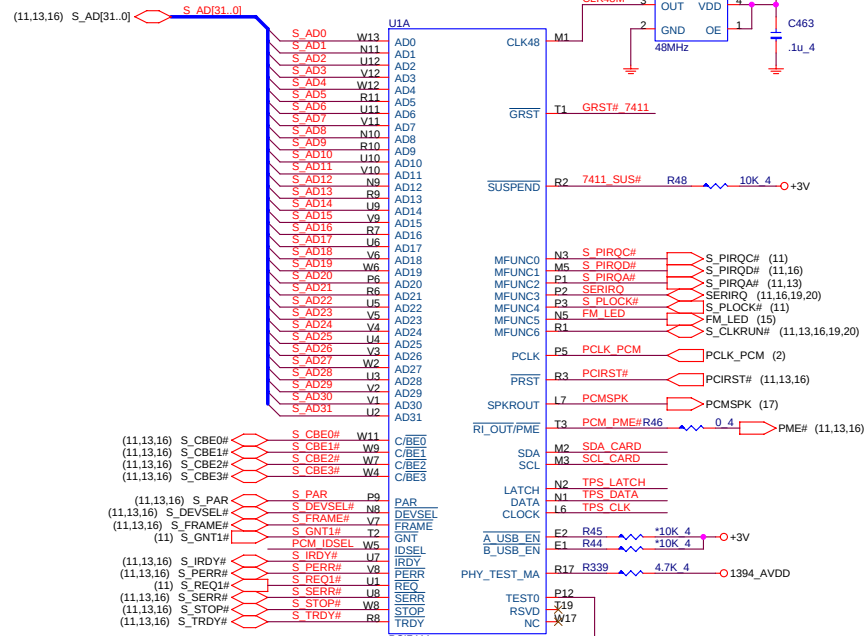
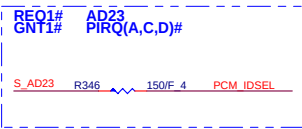


CRT









CARDBUS

PCMCIA PORTB / RESERVED ON 7x21 / 7x11

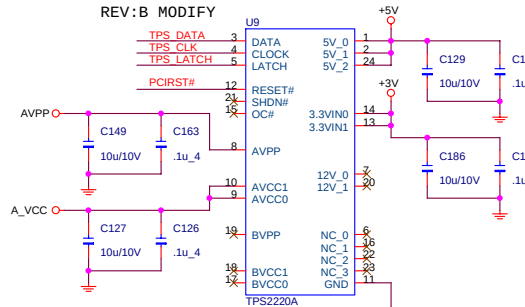
PC17411

PCMCIA PORT A

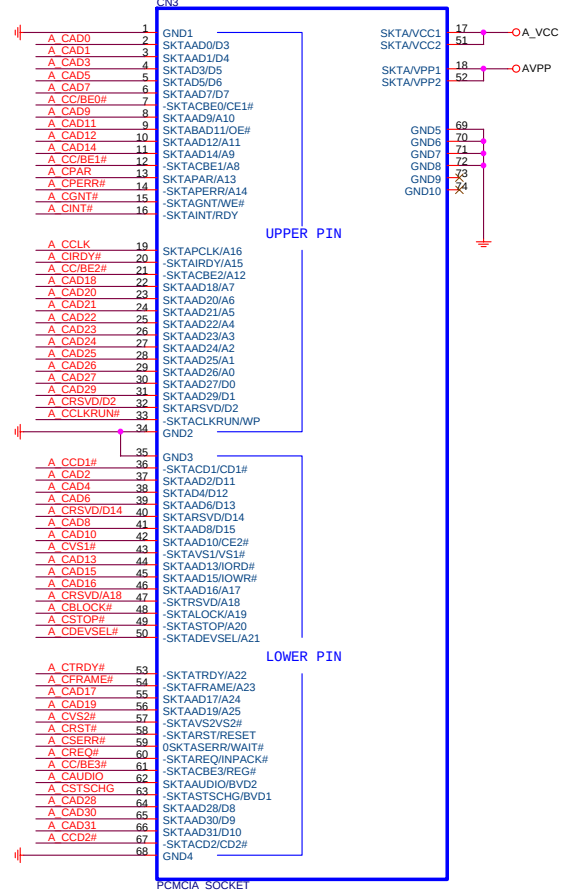
PC17411

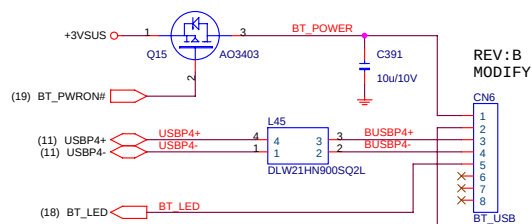
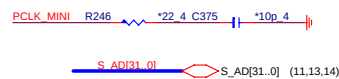


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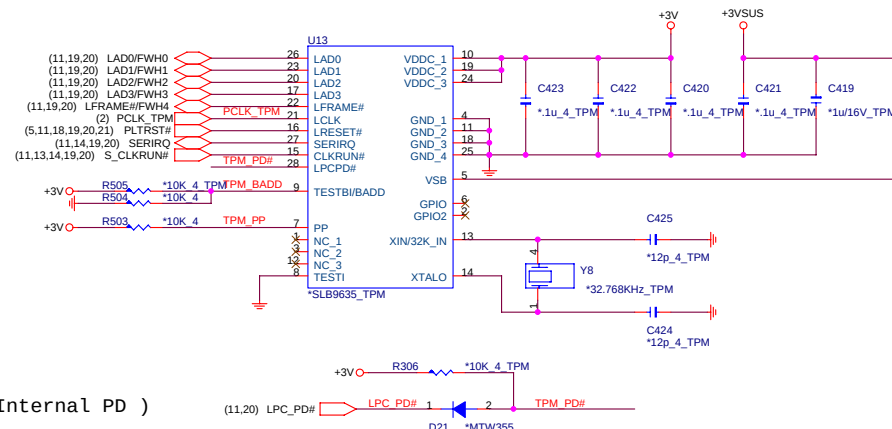
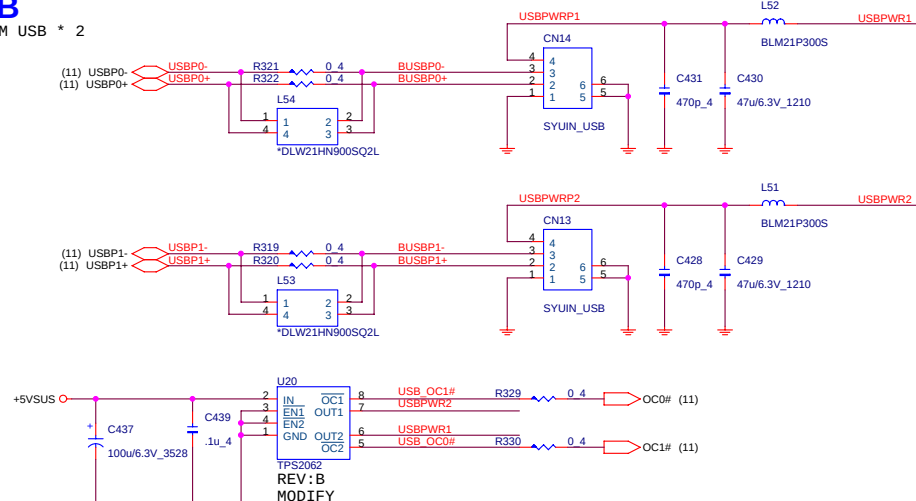


REV:B MODIFY



[illegible]

SYSTEM USB * 2



```
TPM_BADD
HI   : 4E/4F h
LOW  : 2E / 2F h
```

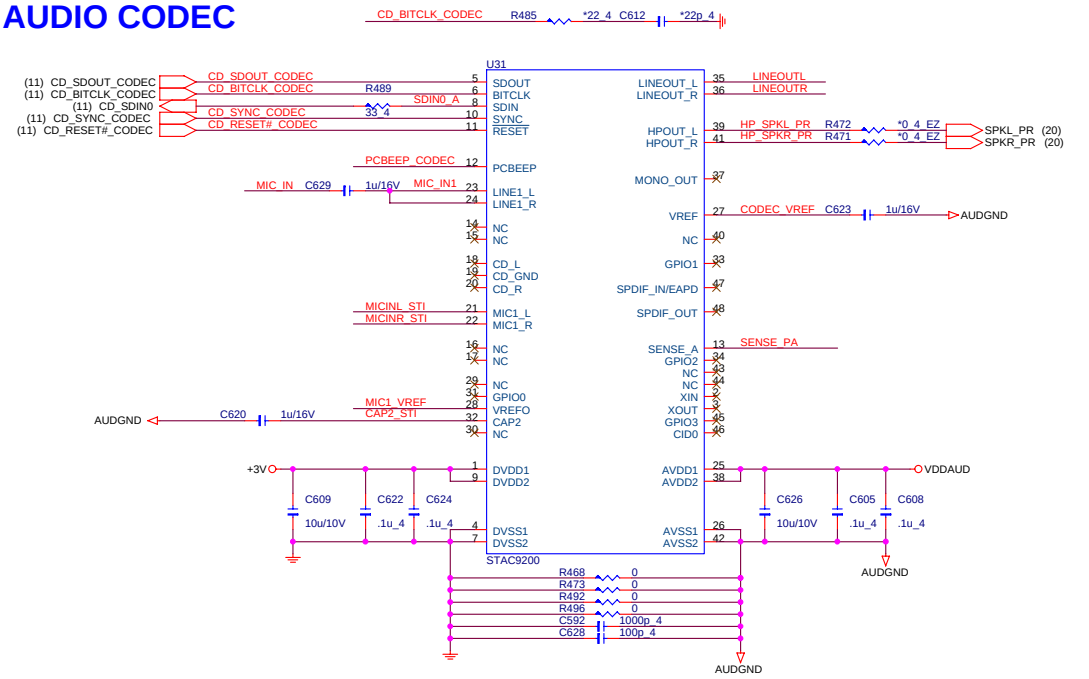
```
TPM_PP
HI   : ACCESS
LOW  : NORMAL ( Internal PD )
```



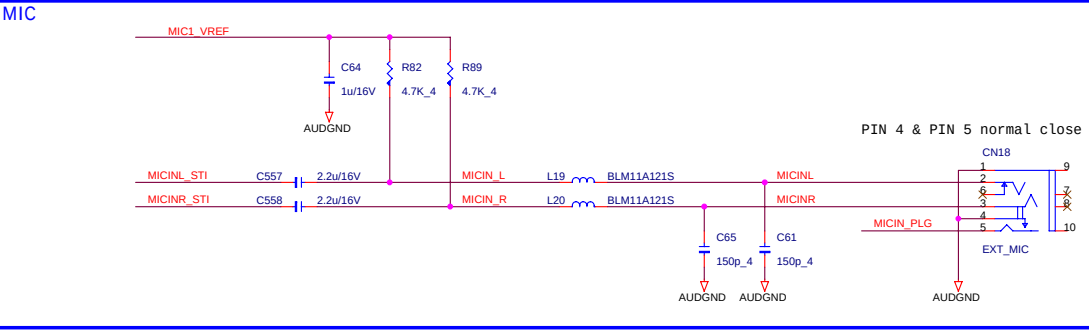
PROJECT : CH1
Quanta Computer Inc.

Size	Document Number MINIPCI/USB/MDC	Rev 2A
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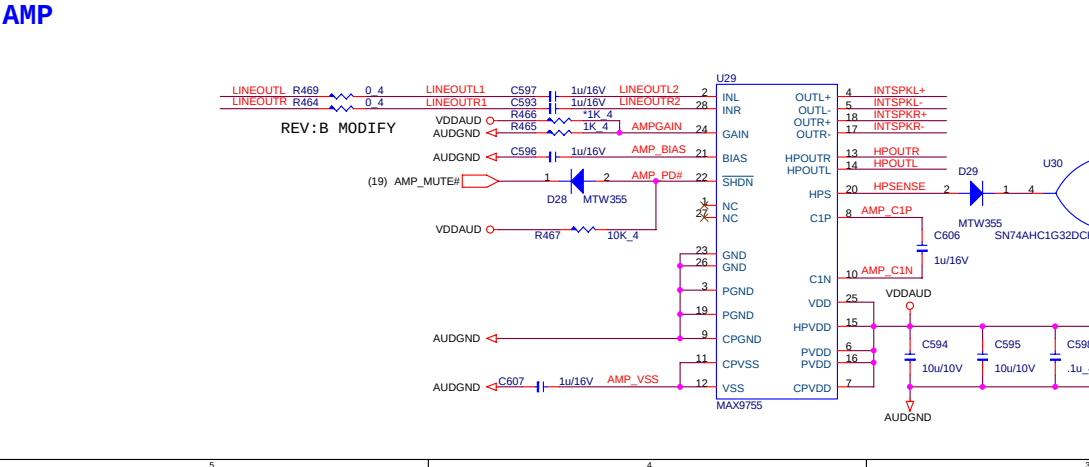
AUDIO CODEC



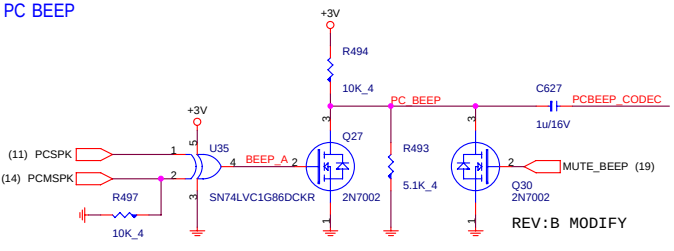
MIC



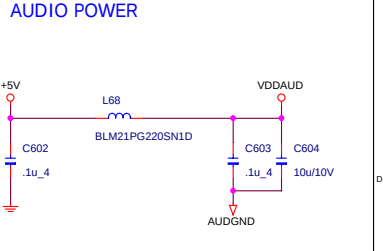
AMP



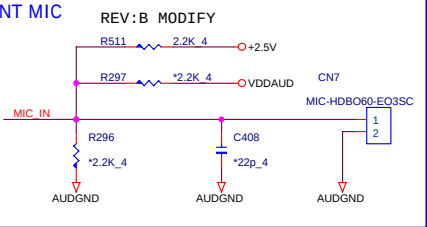
PC BEEP



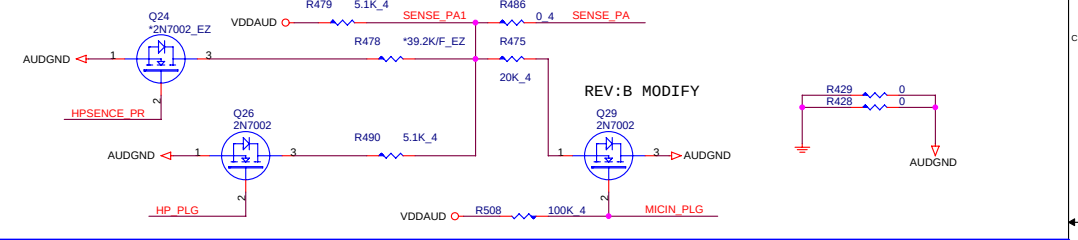
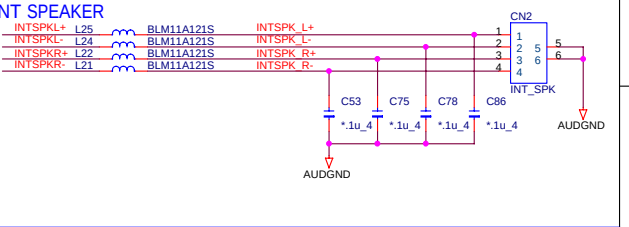
AUDIO POWER



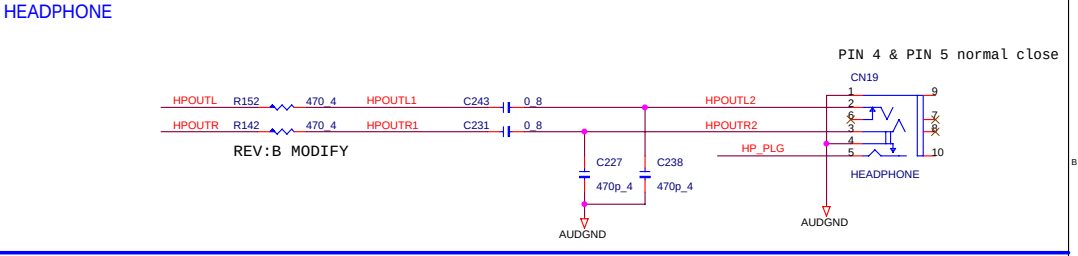
INT MIC



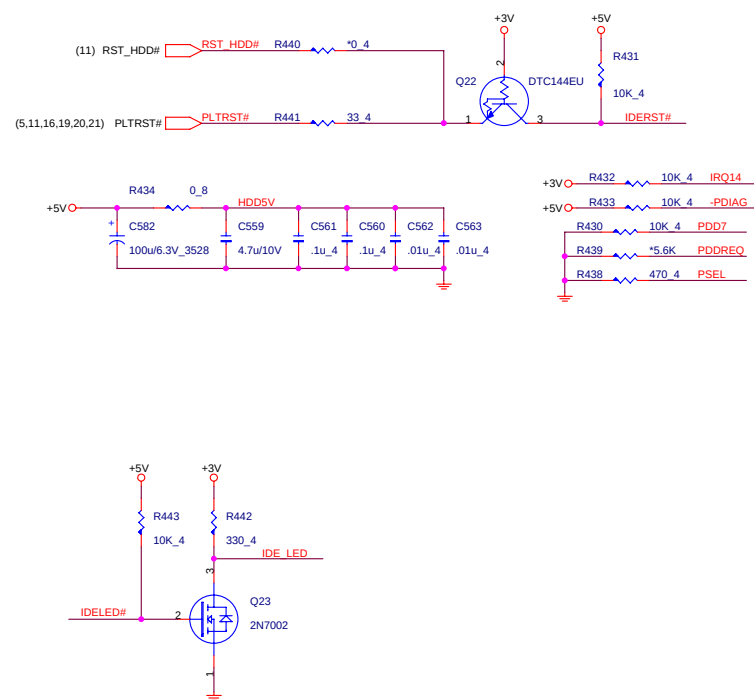
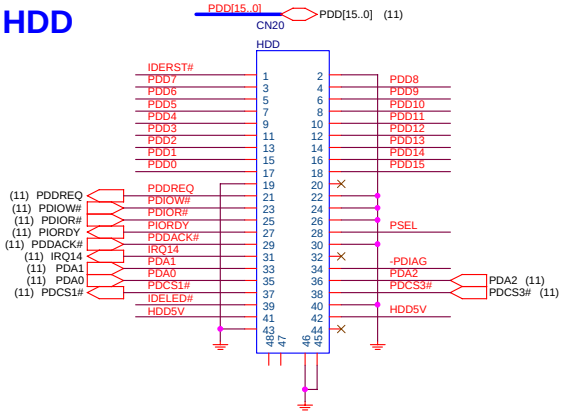
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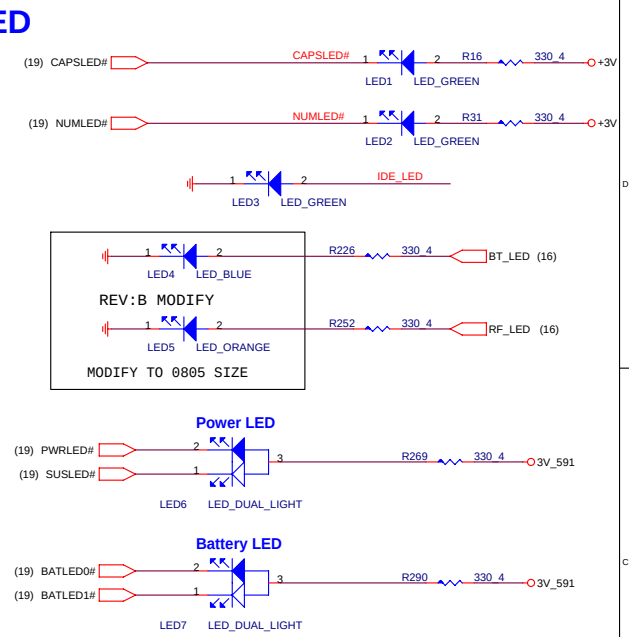
HEADPHONE



HDD

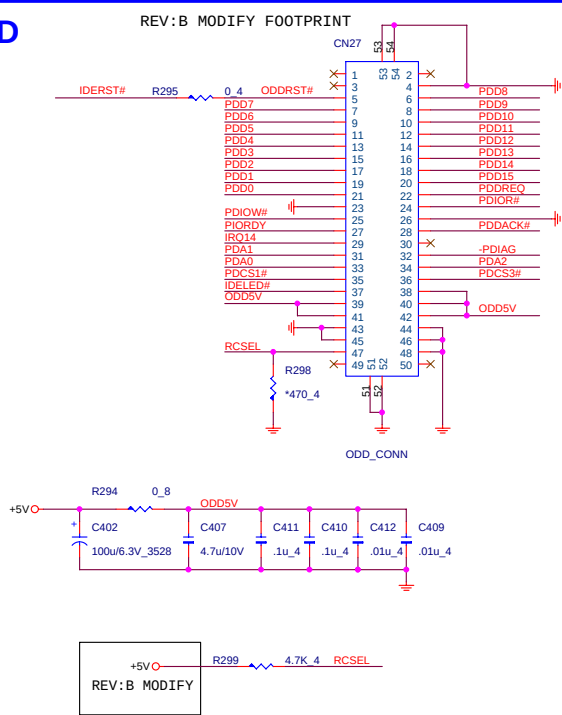


LED

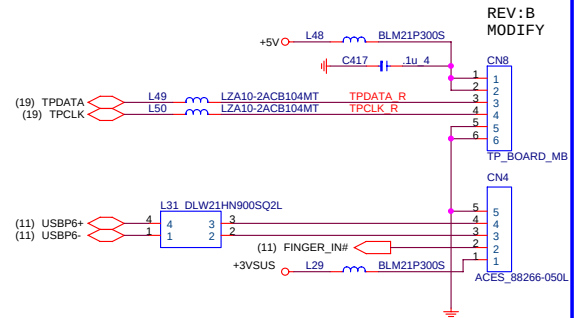


SWITCH BOARD CONN

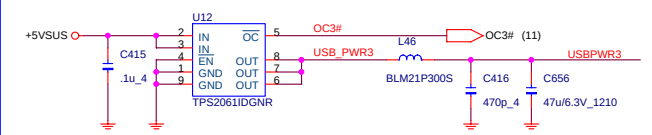
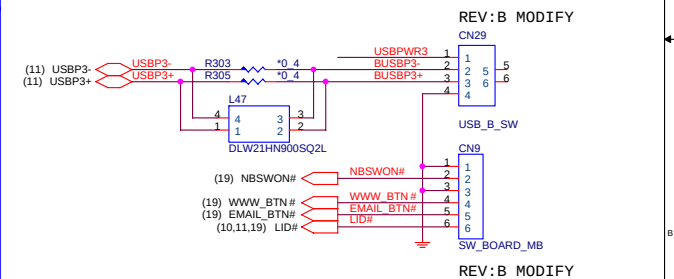
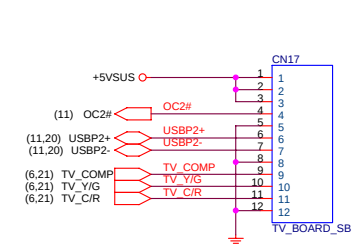
ODD



TP BOARD CONN



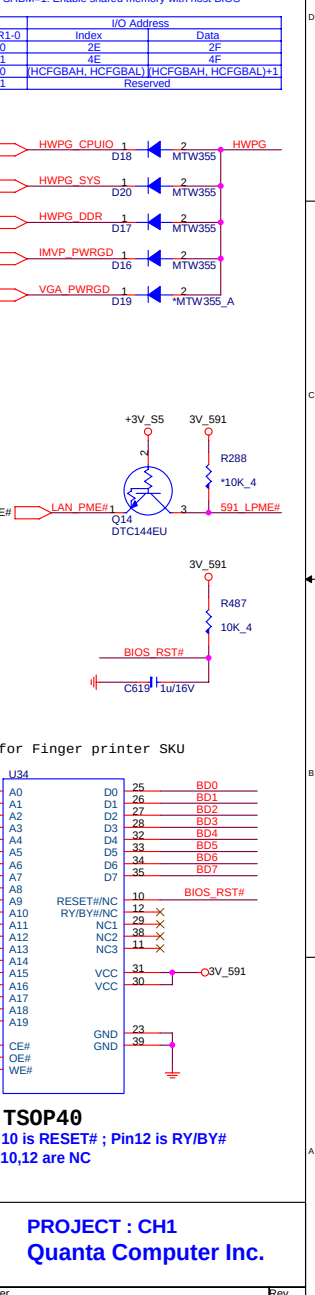
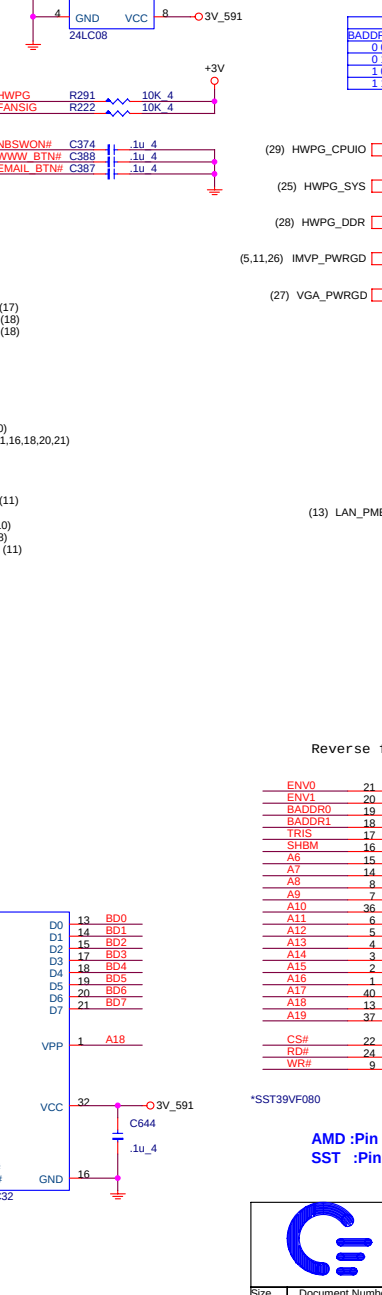
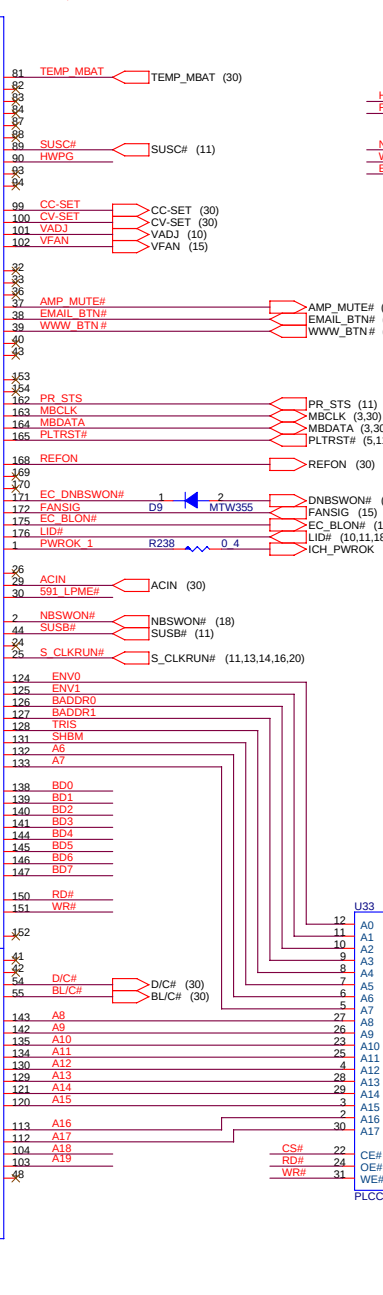
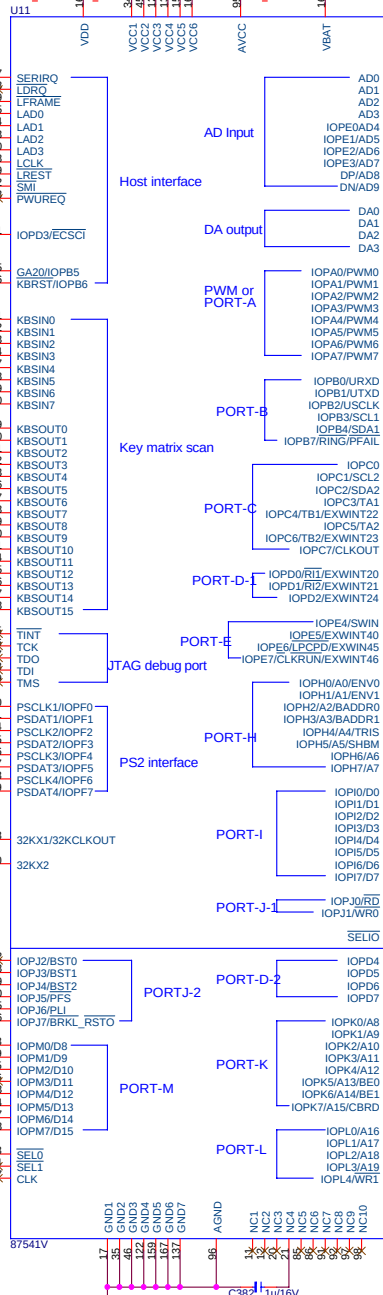
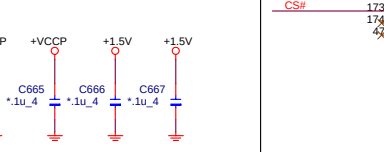
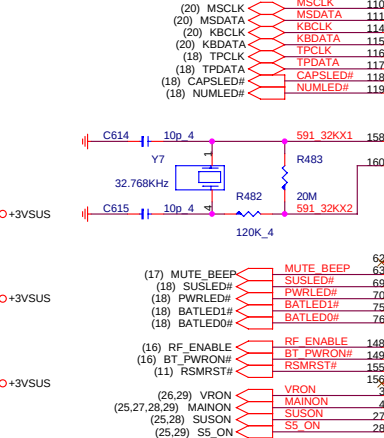
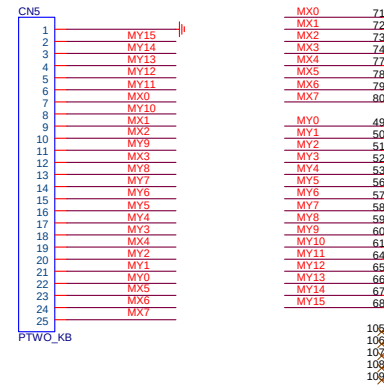
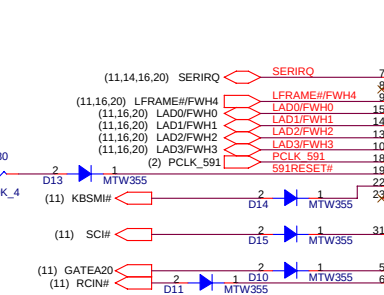
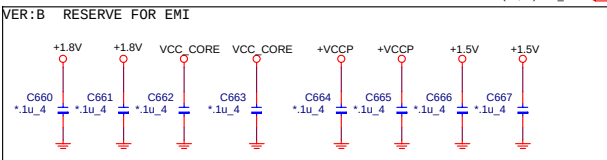
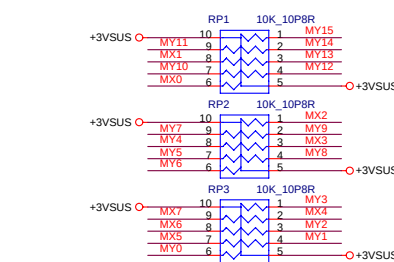
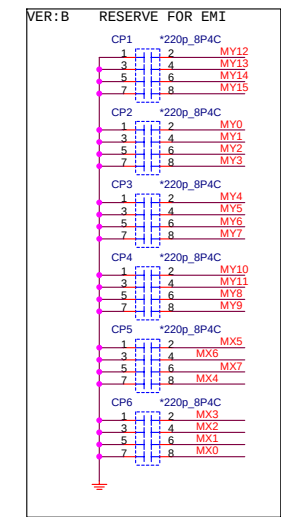
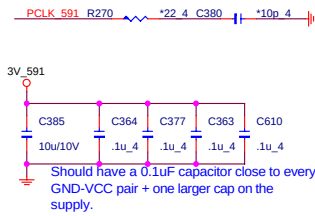
TV BOARD CONN



PROJECT : CH1
Quanta Computer Inc.

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K/B CONTROLLER





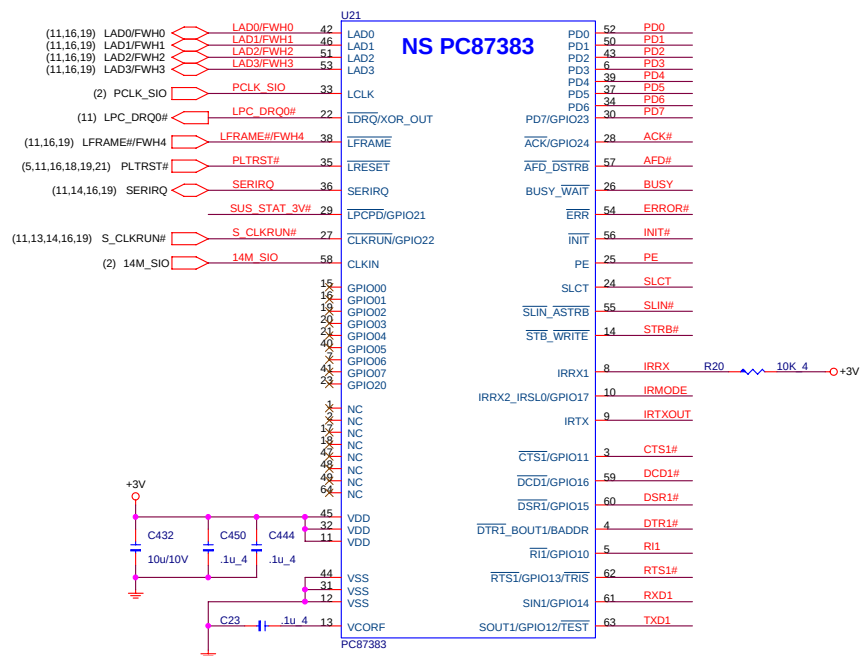
PROJECT: CH1
Quanta Computer Inc.

Size	Document Number	Rev
EC PC97551	EC PC97551	7A

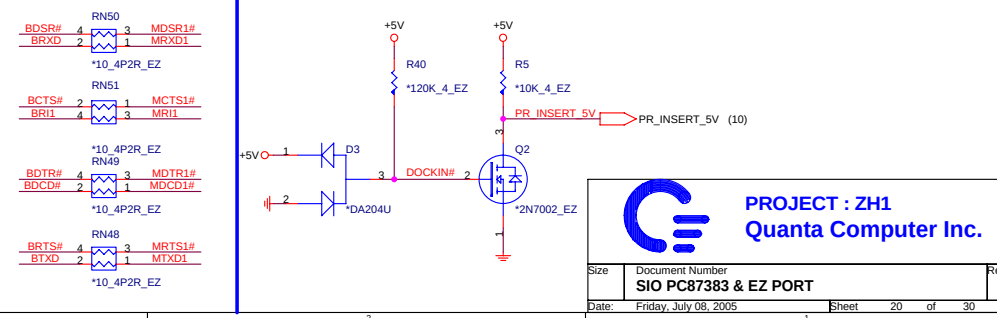
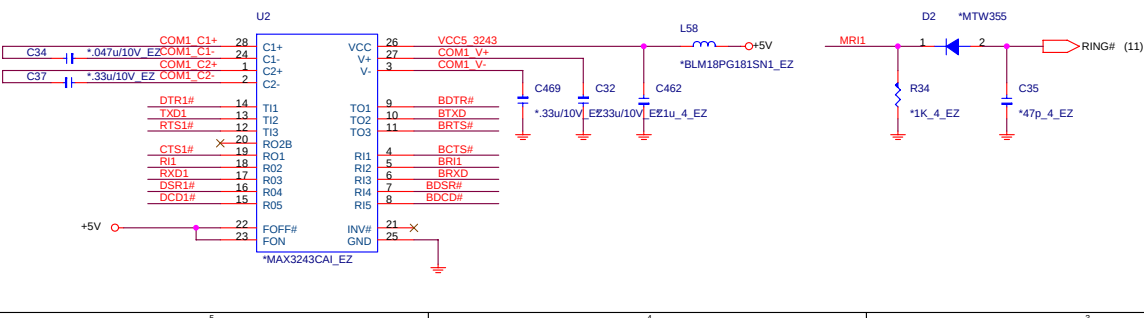
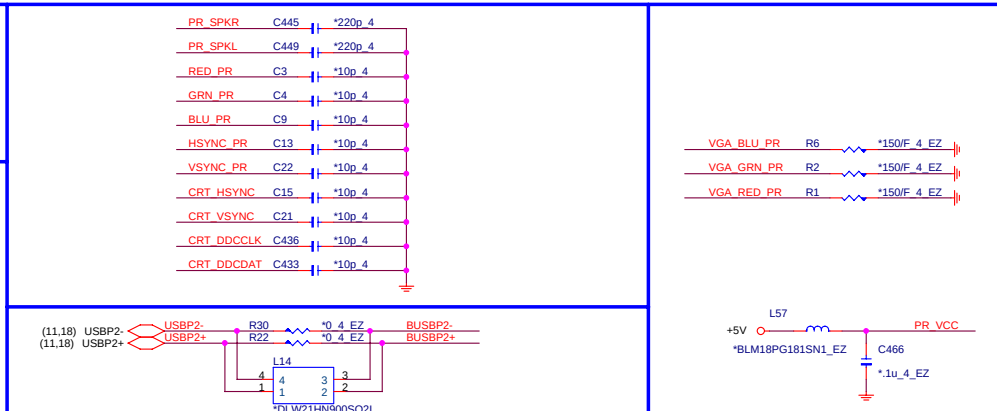
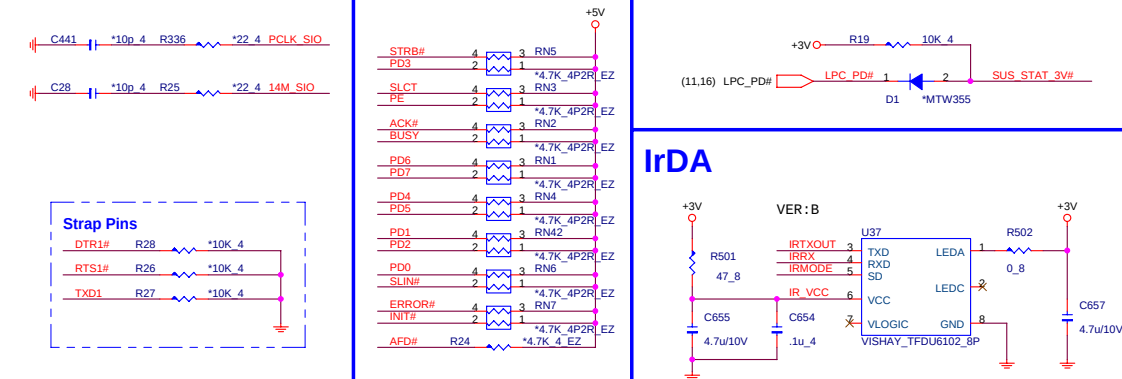
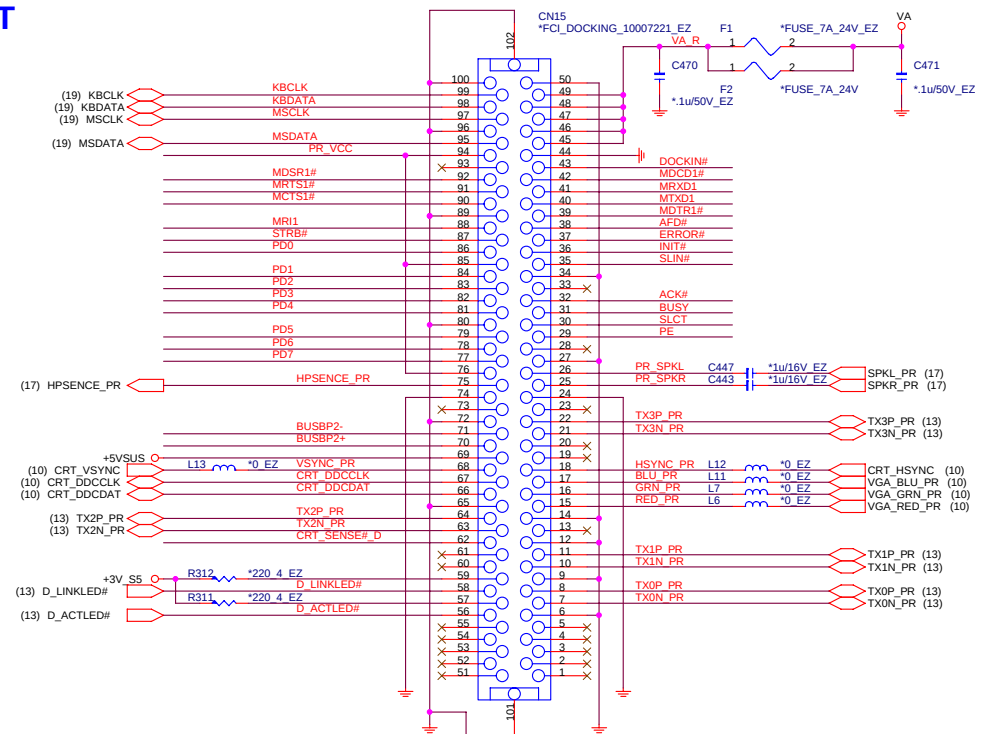
Friday, July 08, 2005

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SUPER I/O

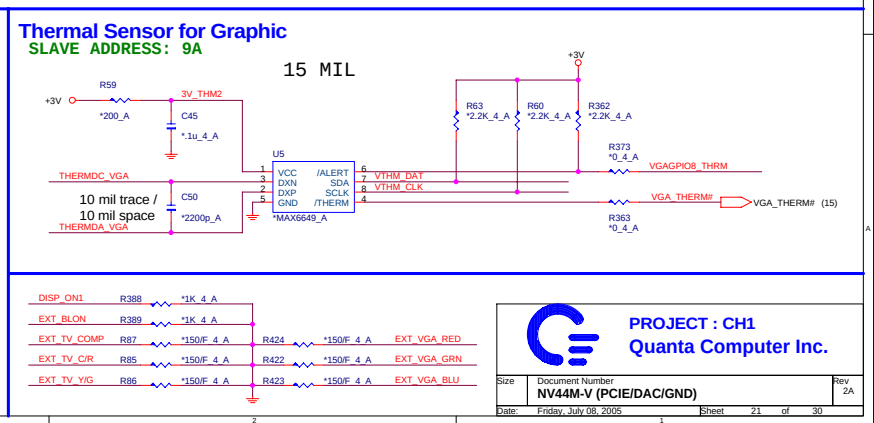
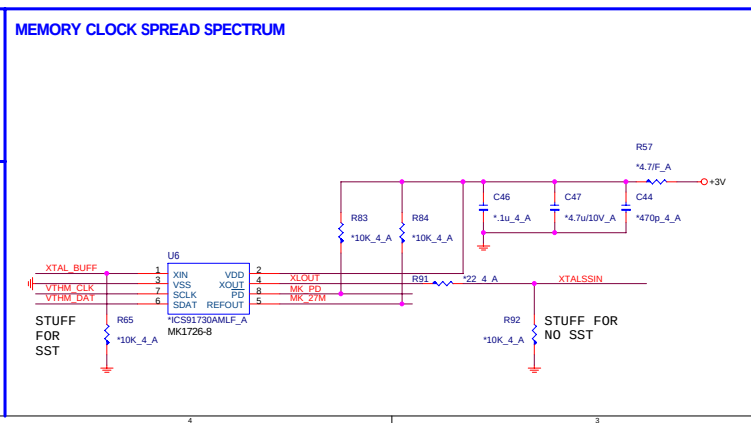
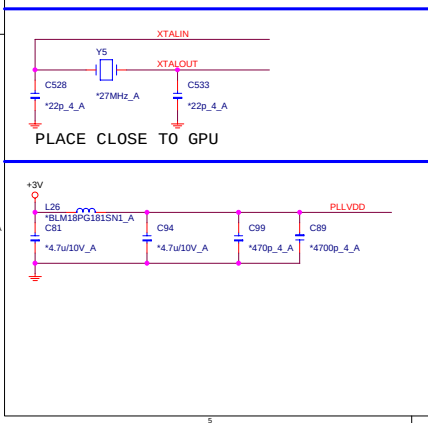
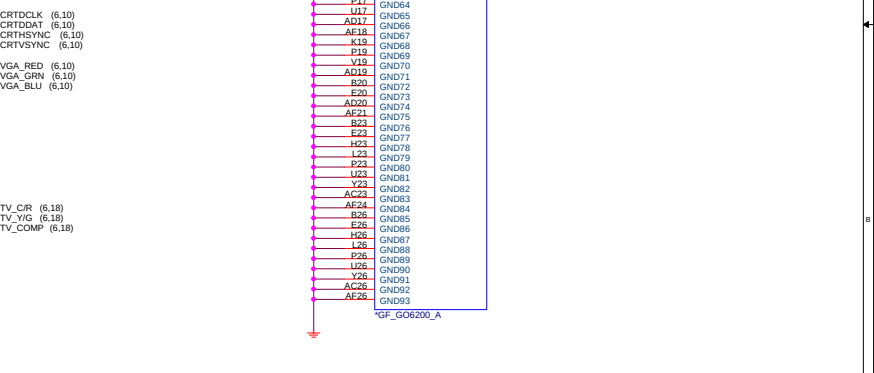
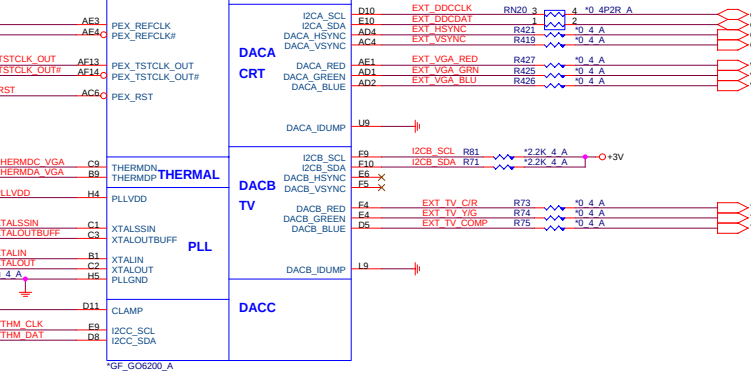
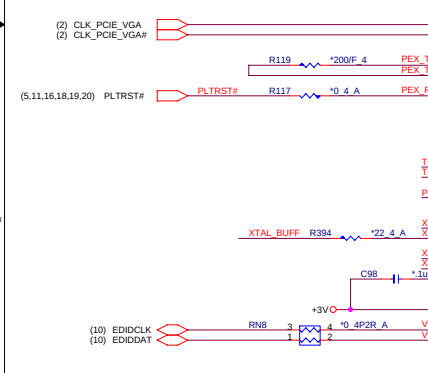
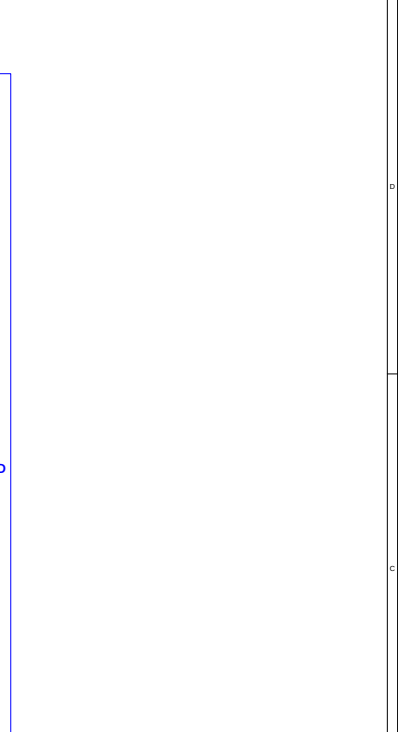
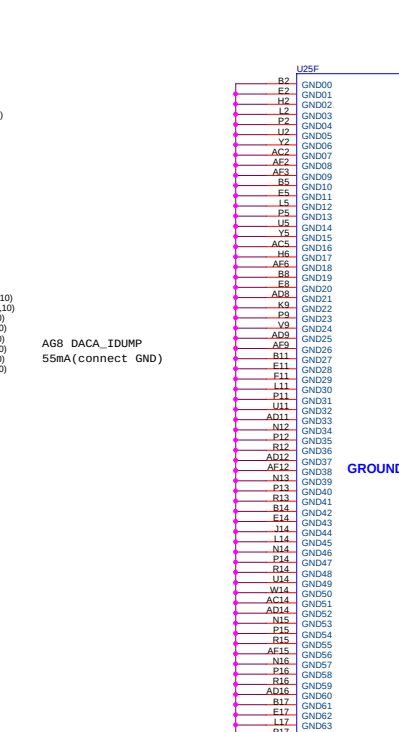
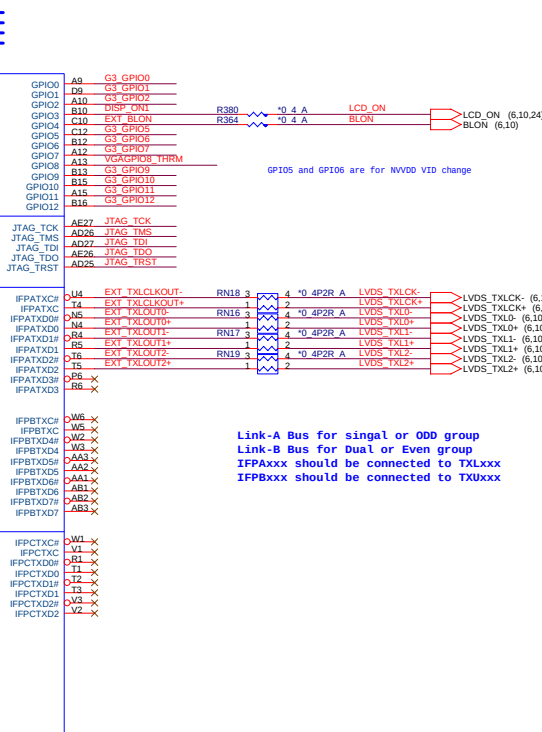
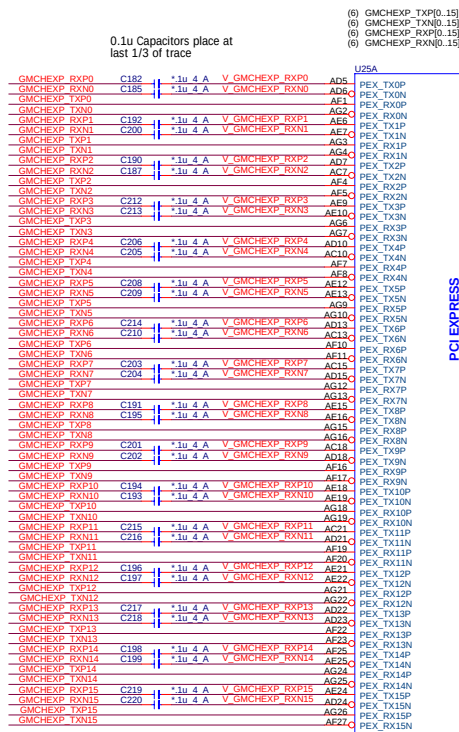


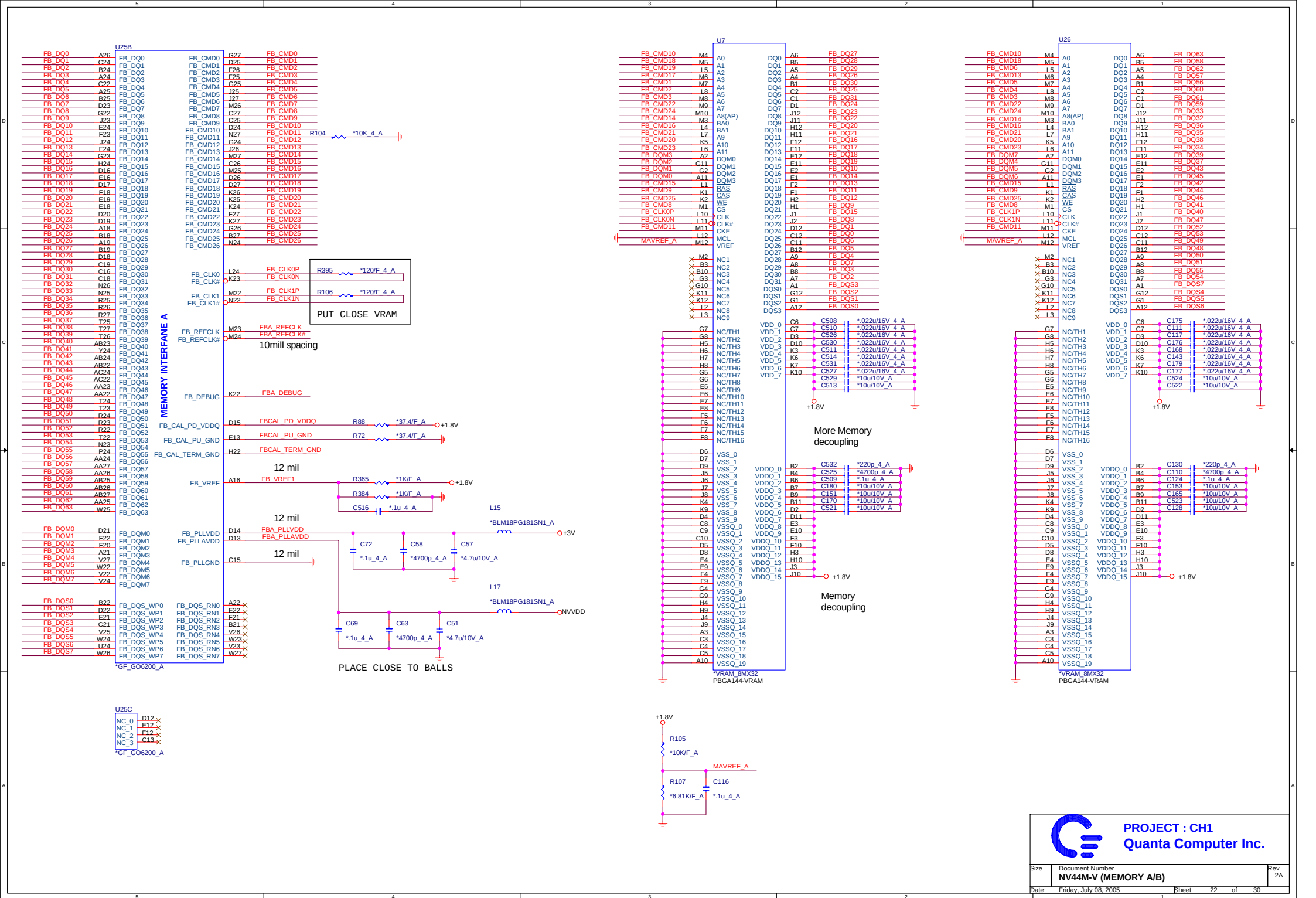
EZ PORT

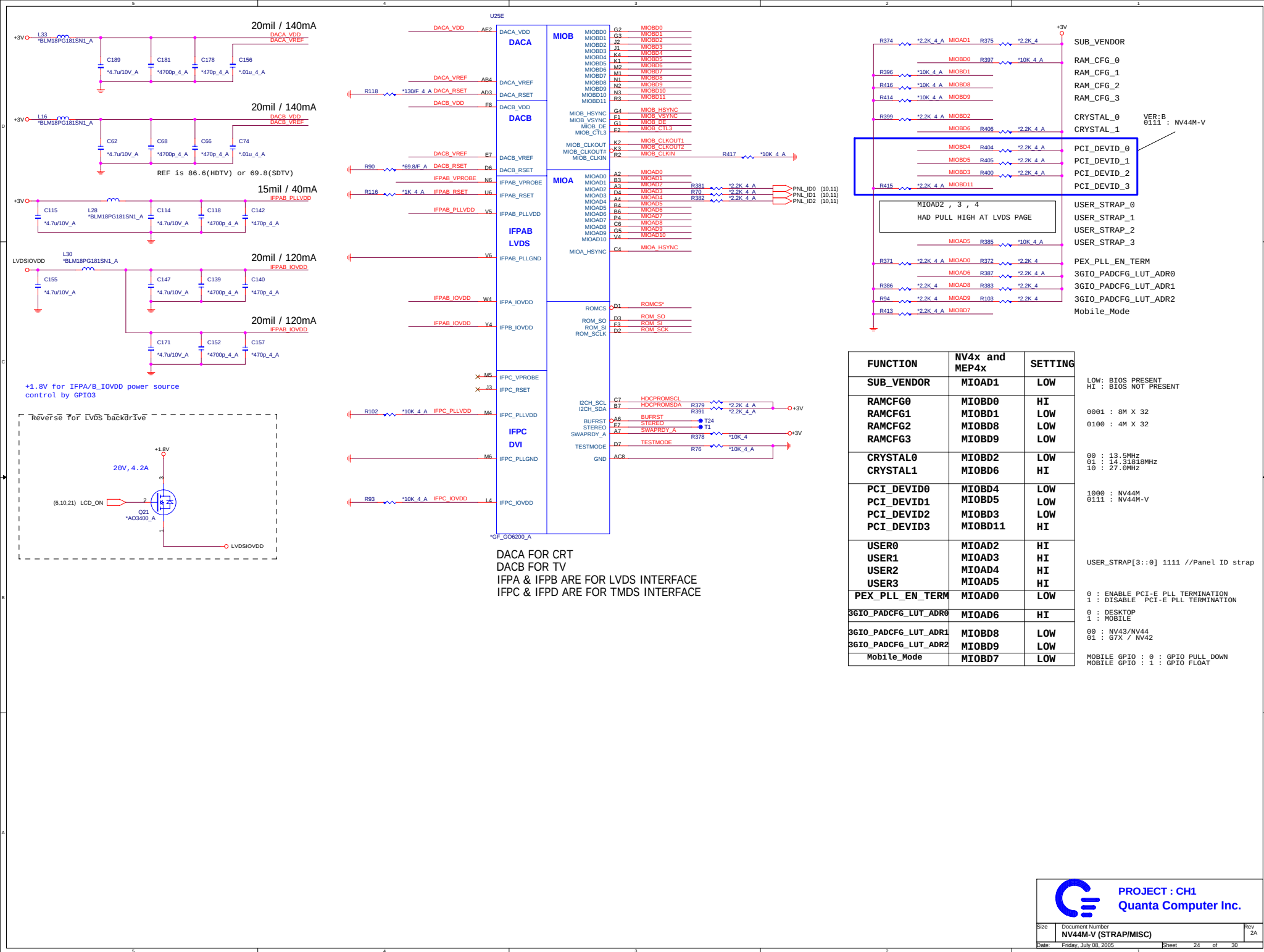


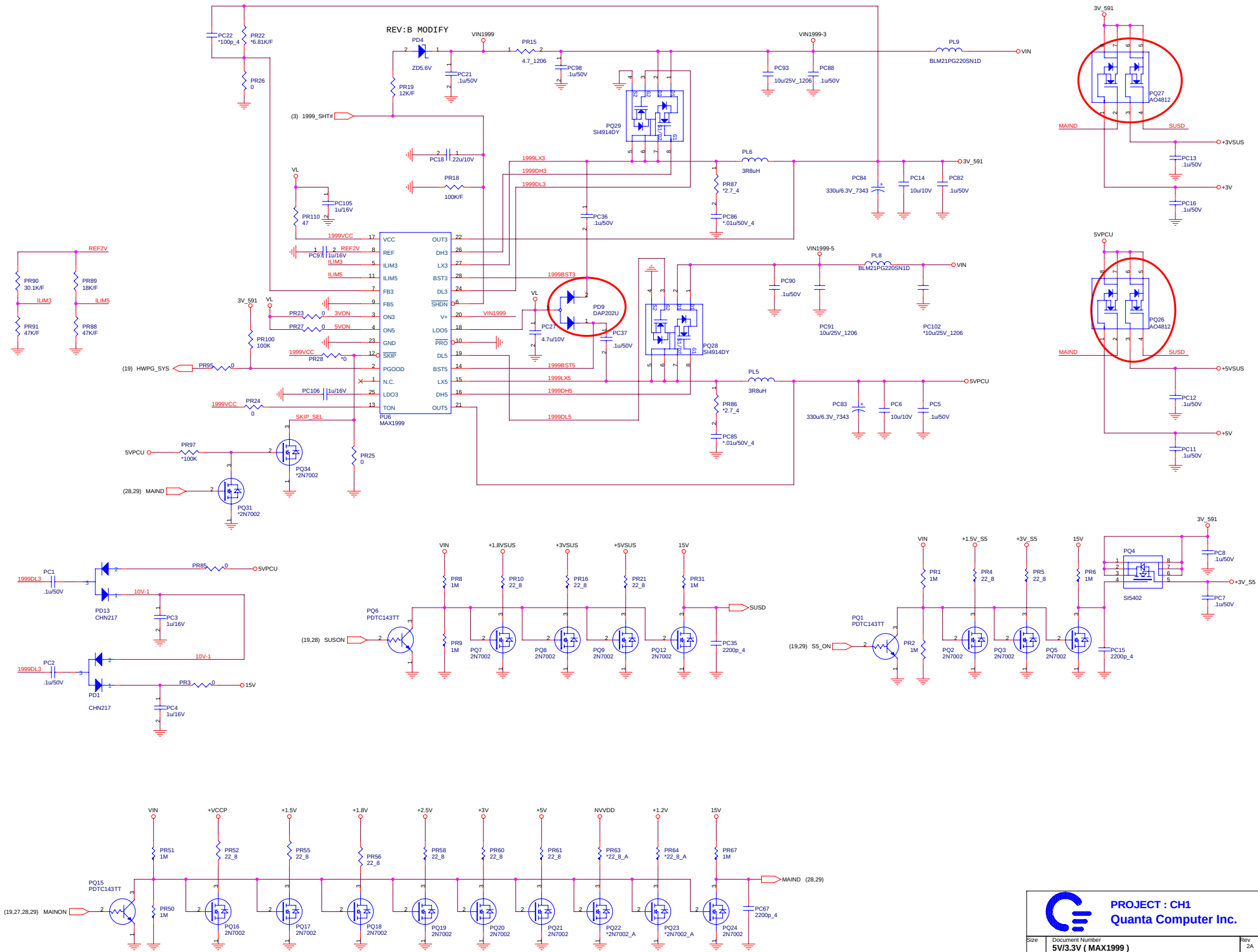
NVIDIA
NV44M-V
G3-64
(23X 23)

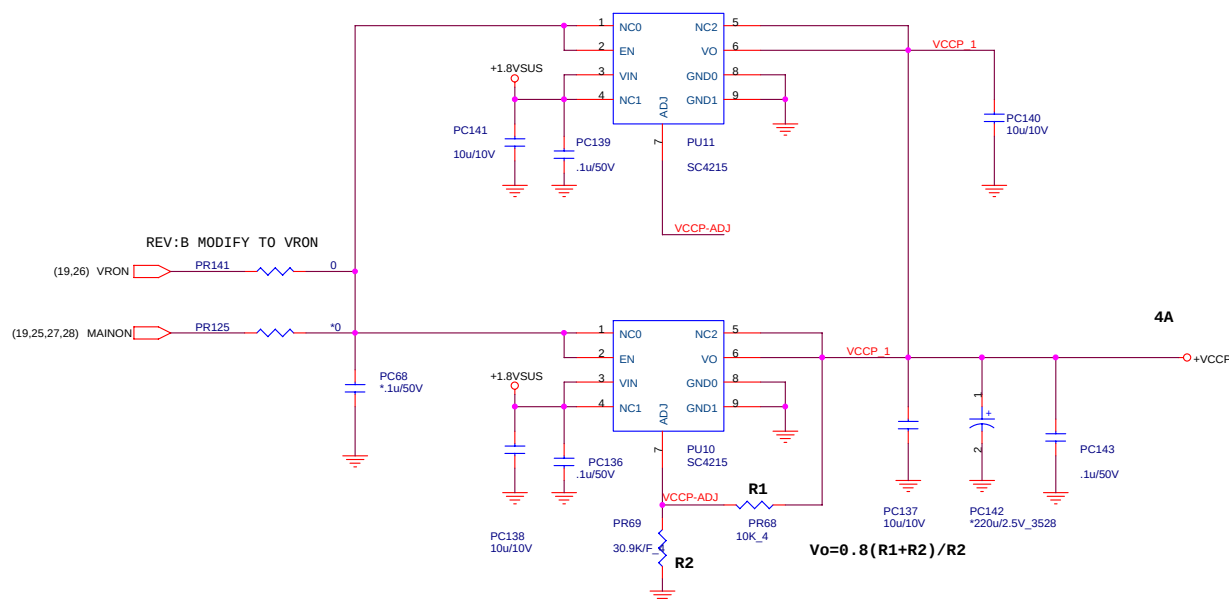
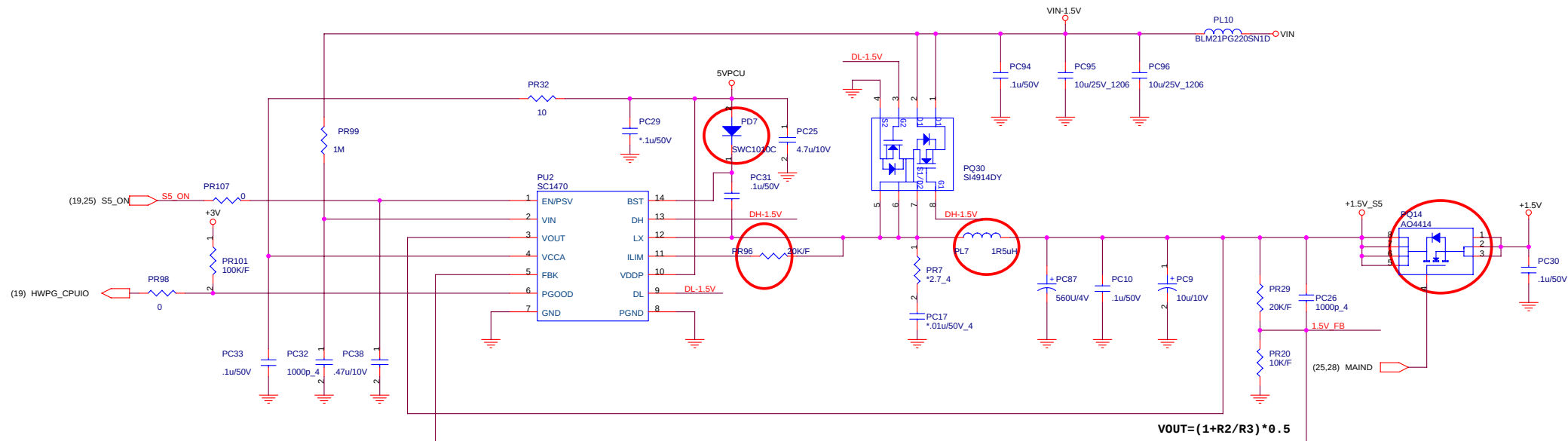
0.1u Capacitors place at last 1/3 of trace











PROJECT : CH1
Quanta Computer Inc.

