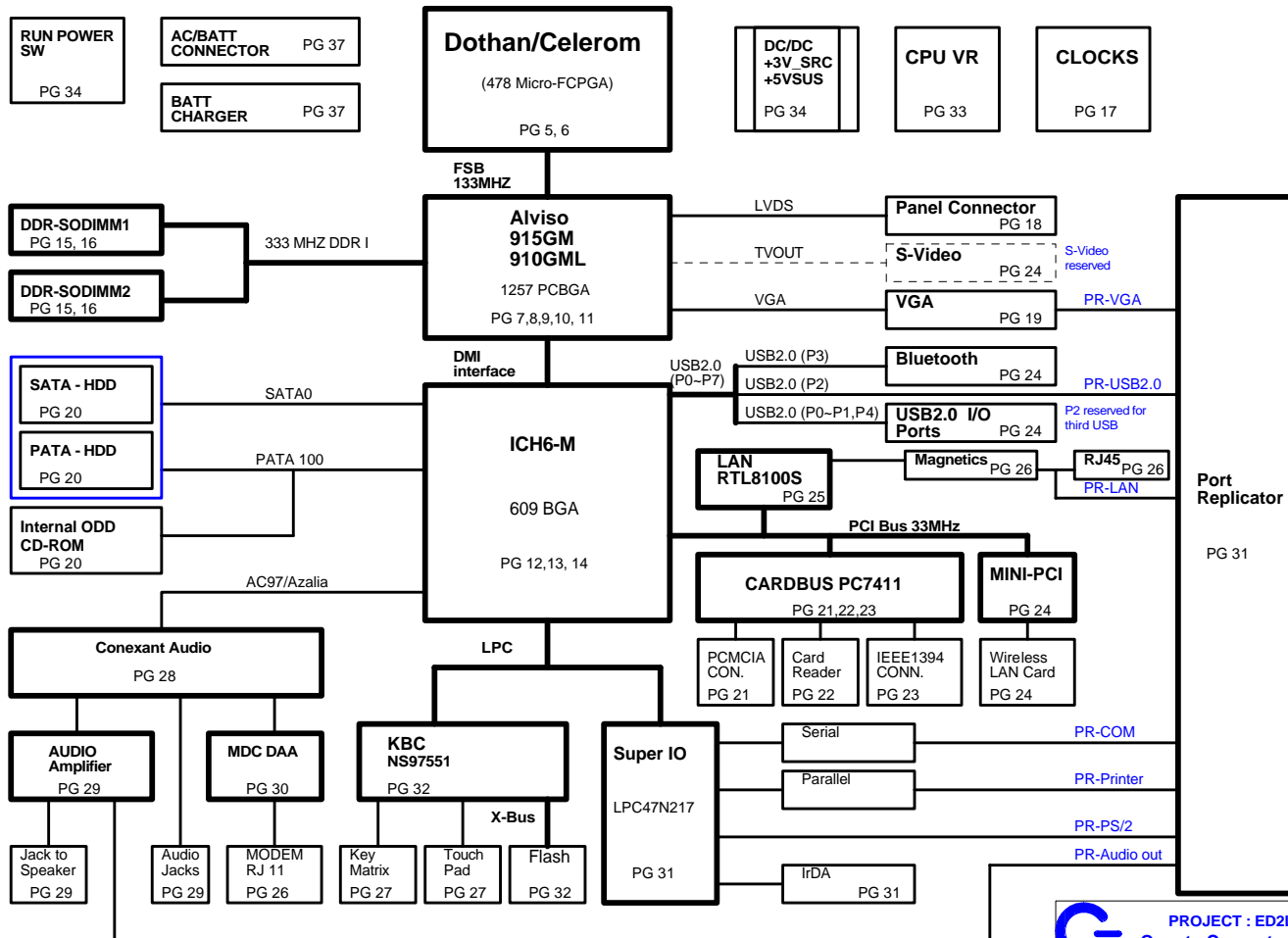
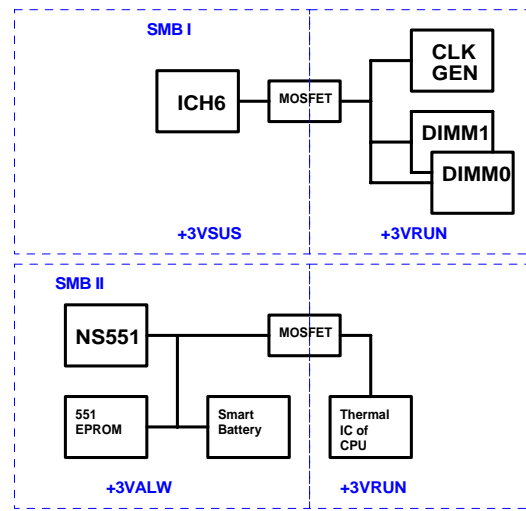


ED2N-UMA DESIGN

VER : E3A



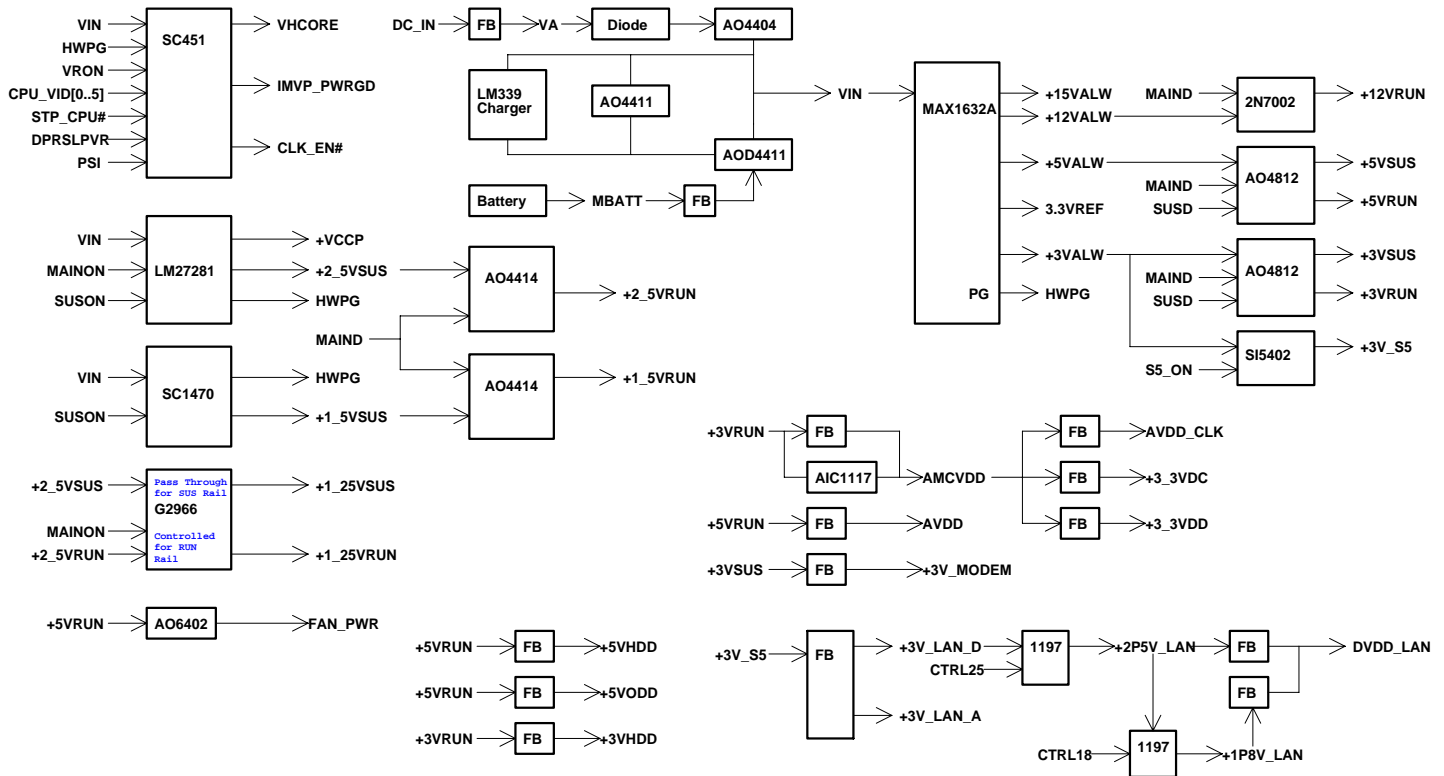
PCT ROUTING TABLE	IDSEL	INTERUPT	DEVICE
REQ0# / GNT0#	AD24	PIRQA#	RTL8110S
REQ2# / GNT2#	AD19	PIRQB# , PIRQD#	MINI-PCI
REQ1# / GNT1#	AD17	PIRQC# , PIRQD# , PIRQA#	TI 7411



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	Block Diagram 2	1A
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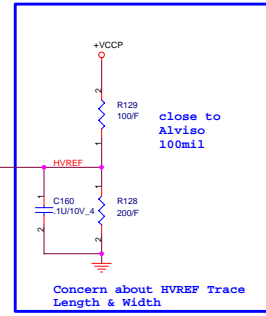
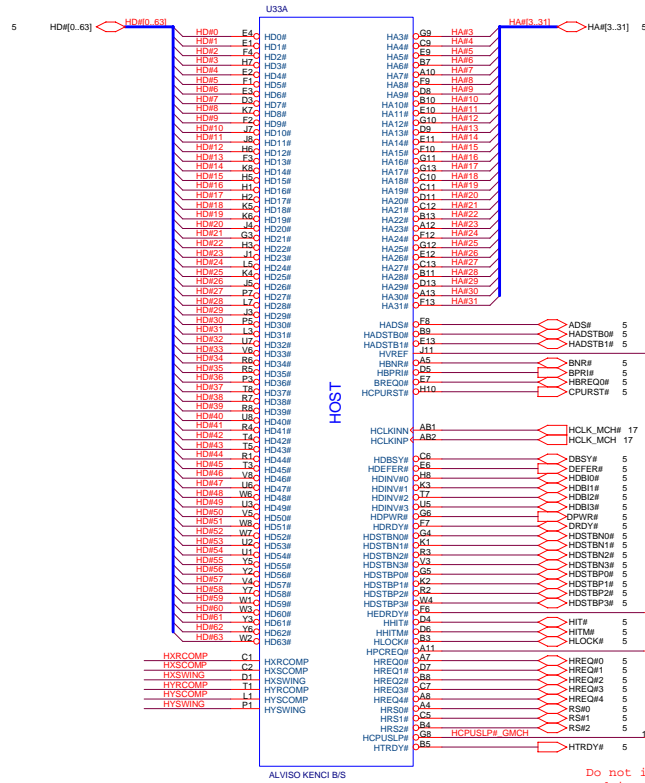
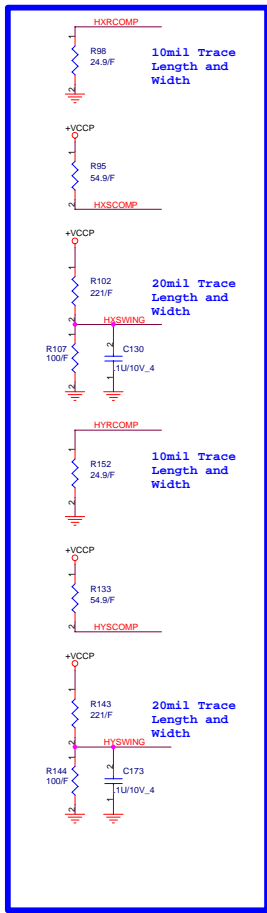
Power Rail Flow



[illegible]

New Label	NOTE		Control Signal or Source
VA		AC ADAPTER (20V)	
VIN		MAIN POWER (10~20V)	
MBATT		MAIN BATTERY + (10~17V)	
+15VALW		+15V ALWAYS	
+12VALW		+12V ALWAYS	
+12VRUN		+12V RUN	MAINON
+5VALW		+5V ALWAYS & KBC POWER	
+5V_S5	NO USE	THIS POWER WILL BE TUNED OFF IN S5 BATTERY MODE	S5_ON
+5VSUS		+5V S5 CONTROLLED POWER	SUSD
+5VRUN		+5V S3 CONTROLLED POWER	MAIND
+5VHDD	CONNECT TO +5VRUN DIRECTLY	+5V HDD POWER	+5VHDD_EN#
+5VODD	CONNECT TO +5VRUN DIRECTLY	+5V ODD POWER	+5VODD_EN#
+5VFDD	NO USE	EXTERNAL FDD POWER (5V)	+5VFDD_EN#
FAN_PWR		FAN POWER (5V)	VFAN_MAX6657_CV#
VDDA		Amplifier Power 5V RUN Plane	+5VRUN
AMCVDD		AD97 Code DAC Power 3VRUN	+3VRUN
3V_MODEM		MODEM Power 3VSUS	+5VRUN or +3VRUN
+3VALW		PC97561 POWER (3V)	
+3V_S5		THIS POWER WILL BE TUNED OFF IN S5 BATTERY MODE	S5_ON
+3VSUS		SLP_S5# CTRLD POWER	SUSD
+3VRUN		SLP_S3# CTRLD POWER	MAIND
+3VHDD	CONNECT TO +3VRUN DIRECTLY	SATA HDD Power	+3VHDD_EN#
+3V_LAN_D		LAN Digital Power	+3V_S5
+3V_LAN_A		LAN Analog Power	+3V_S5
+2P5V_LAN		LAN Analog Power	+3V_LAN_D (+3V_S5)
DVDD_LAN		LAN Digital Power 1.8 or 2.5V	+2P5V_LAN (+3V_S5)
RTCVCC		RTC & PCL POWER	
REF3V			
+2_5VSUS			SUSON
+2_5VRUN			MAIND
+1_8VSUS	NO USE		
+1_8VRUN	NO USE		+2_5VRUN
+1_8V_S5	NO USE		+1_8VSUS or +1_8VRUN
+1_5V_S4		THIS POWER WILL BE TUNED OFF IN S5 BATTERY MODE	S5_ON
+1_5VSUS			SUSON
+1_5VRUN		AGP I/O POWER	MAIND
+1_25VSUS		SMDDR_VTERM	+2_5VSUS
+1_25VRUN			MAINON
VGA1_2V	NO USE	ATI VGA 1.2V	+2_5VRUN
VGAOCORE	NO USE	ATI VGA CORE 1.0/1.2V	MAINON, POW_SW
+VCCP		AGTL+ POWER (1.05V)	MAINON
VHCORE		CPU CORE POWER (1.25/1.15V)	VR_ON, HWPG
 GND	ALL PAGES	DIGITAL GROUND	
 AGND	Page 28,29	AUDIO GND	
 GNDP	NO USE	CPU POWER GND	
 CGNDP	NO USE	CHARGER GND	
 DC_GND	DC Jack	DC/DC POWER GND	
 LANGND	NO USE	COMBO CONN GND	





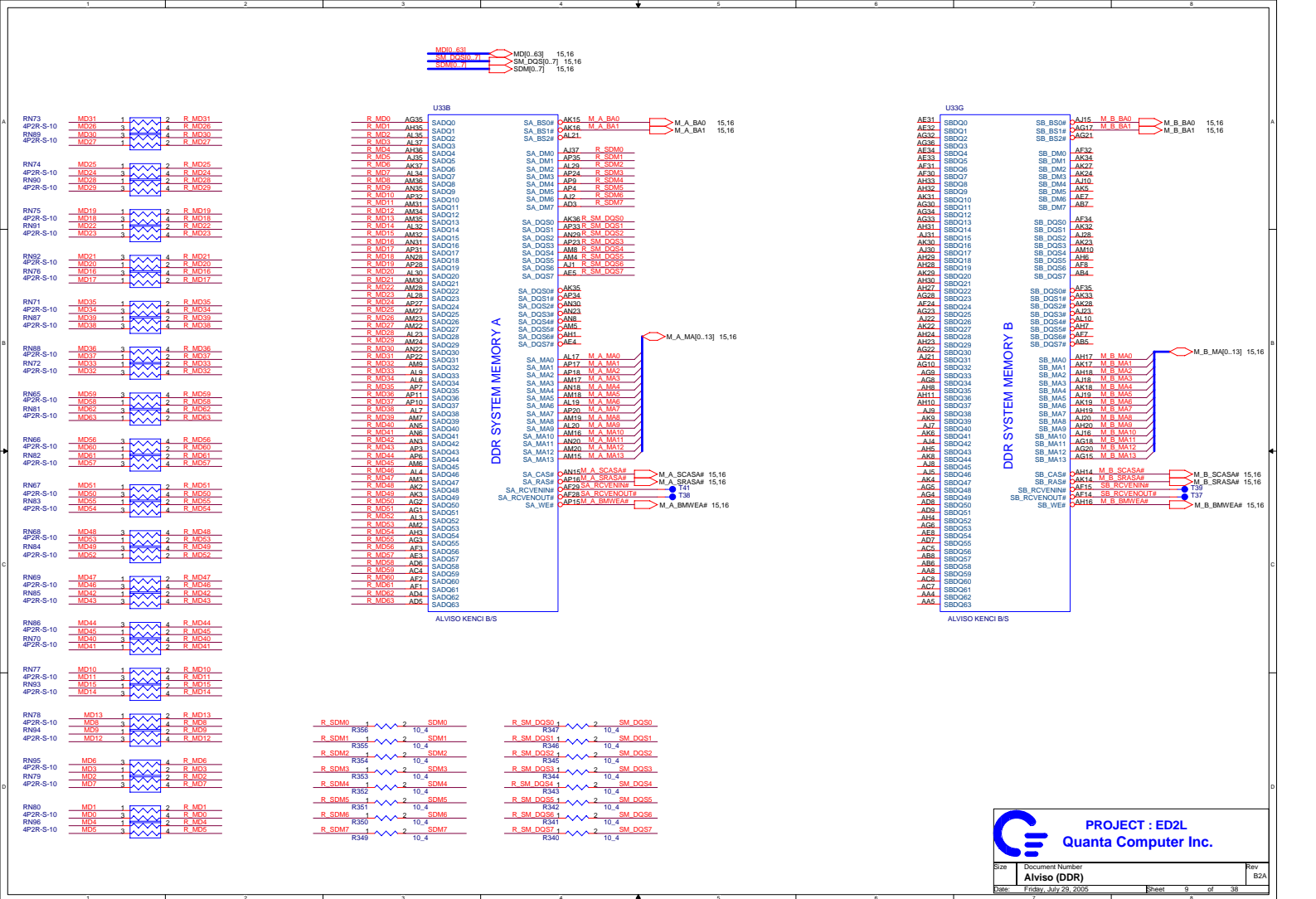
CT_0505: Change footprint to mbga1257-intel-alviso from MBGA-1257

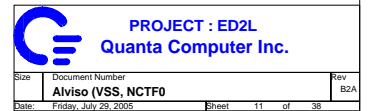
Do not install R89 for Dothan-A and install for Dothan-B

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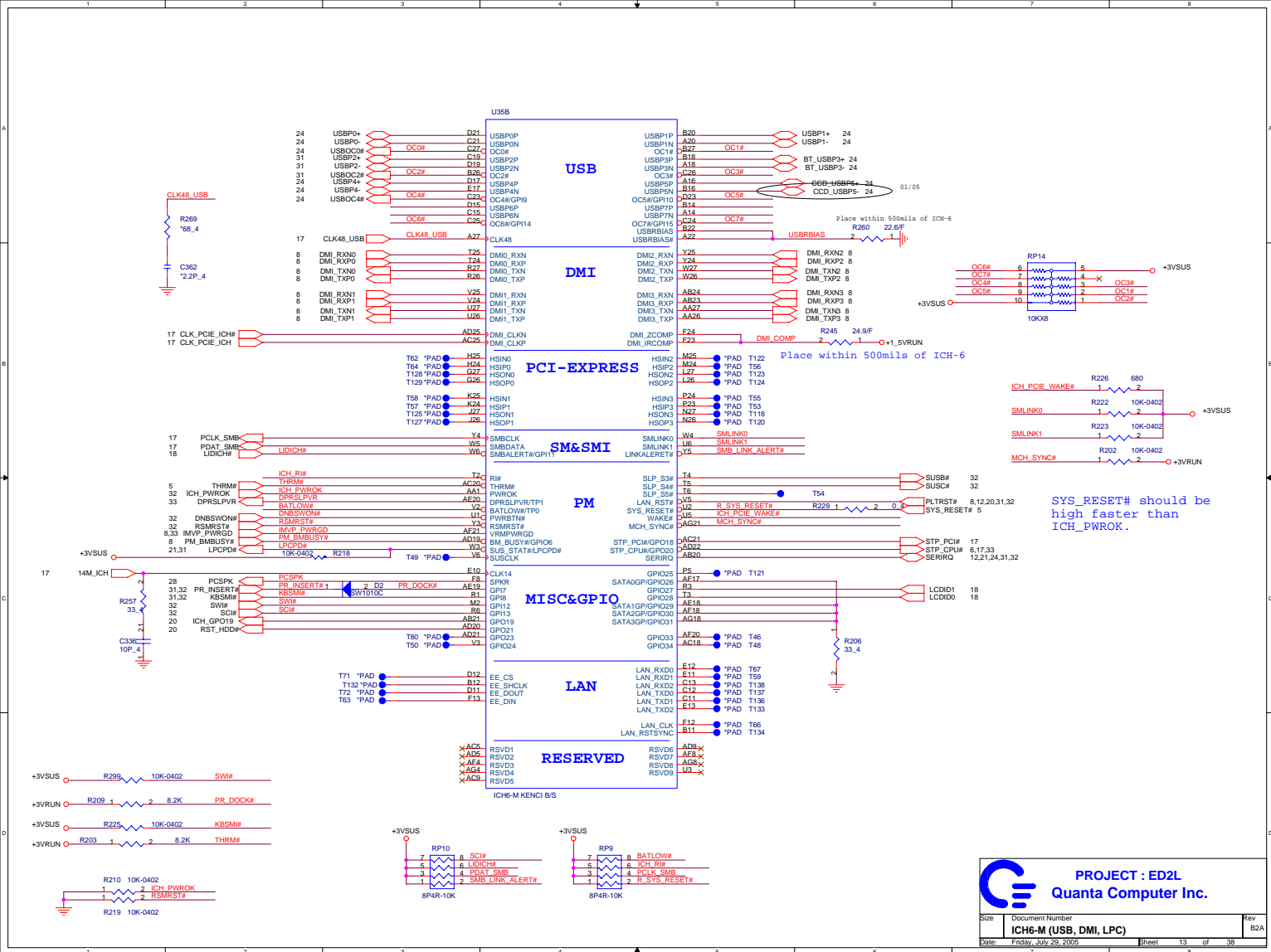
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	Alviso (HOST)	B2A
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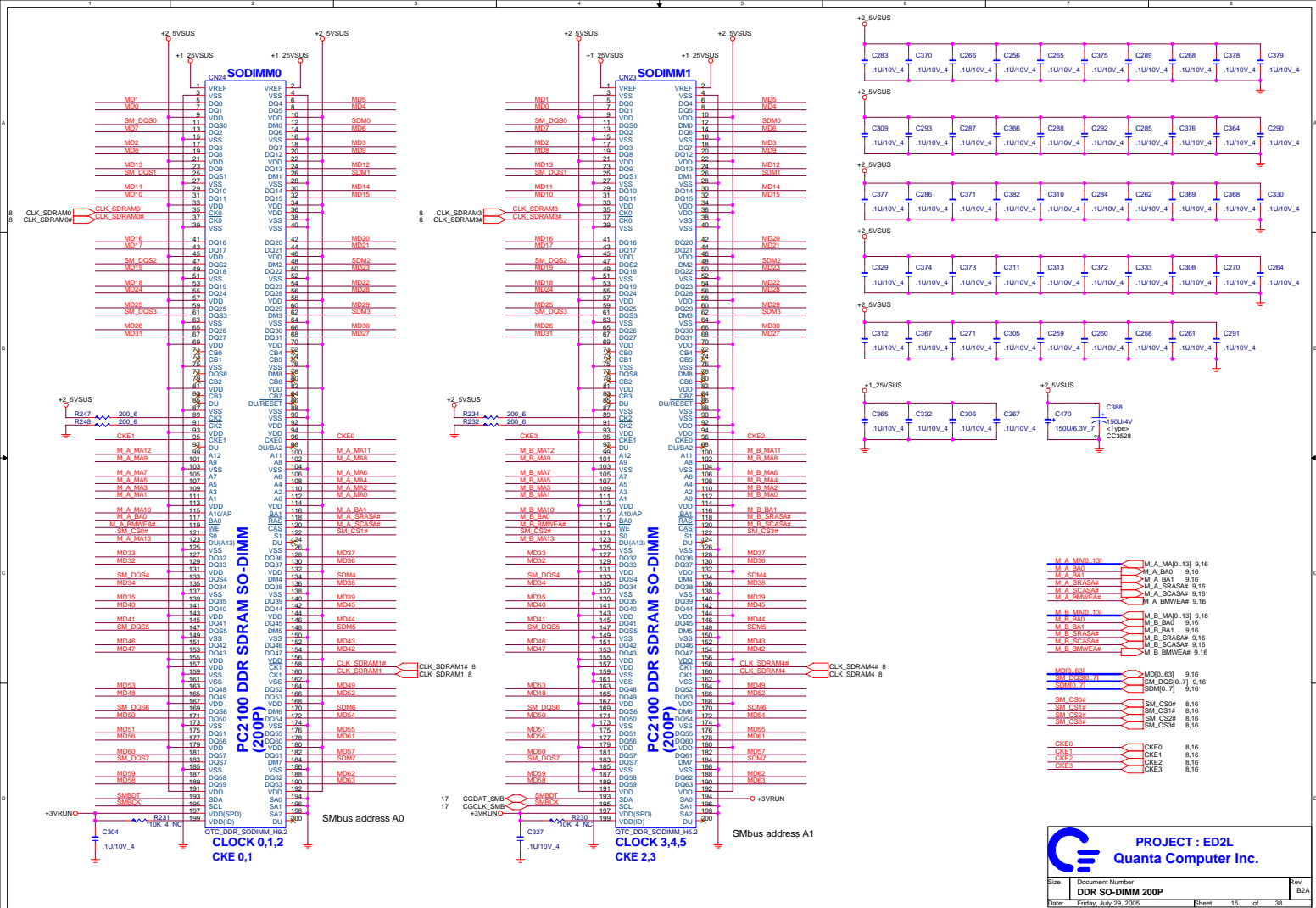


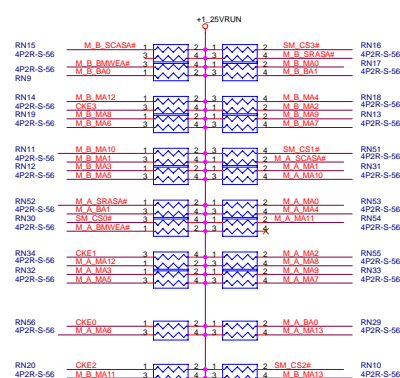
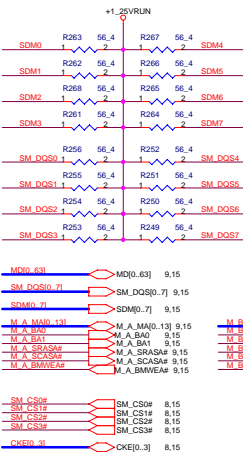
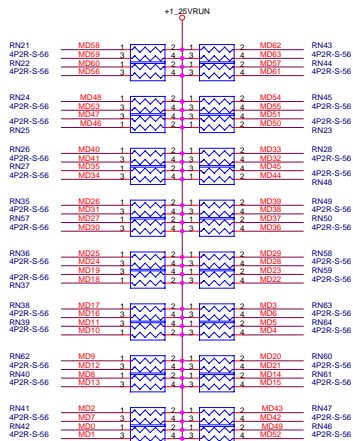
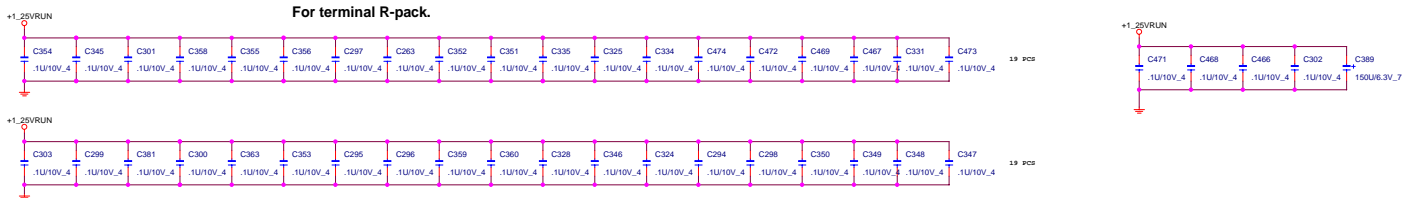












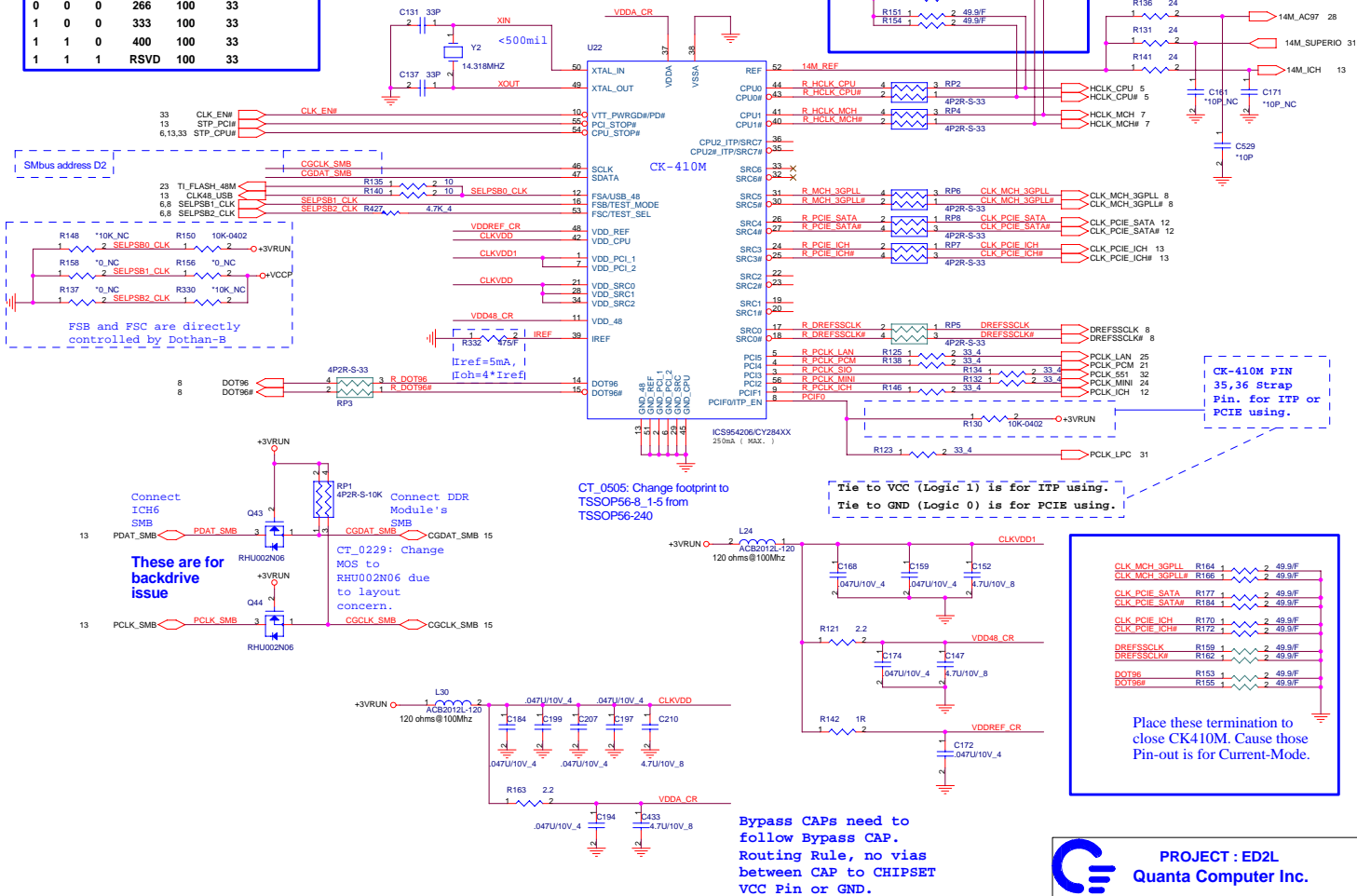
PROJECT : ED2L
Quanta Computer Inc.

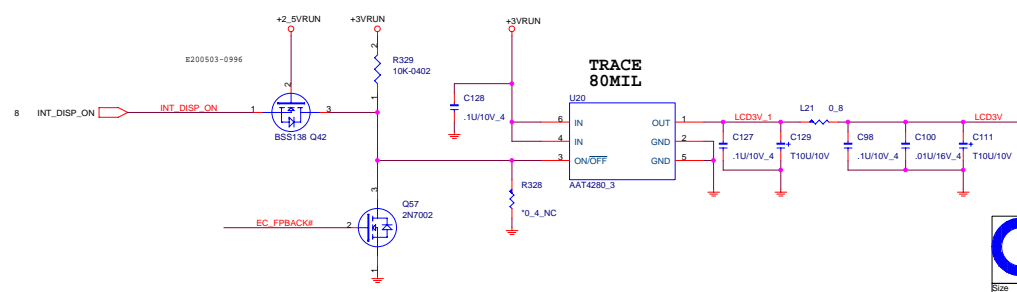
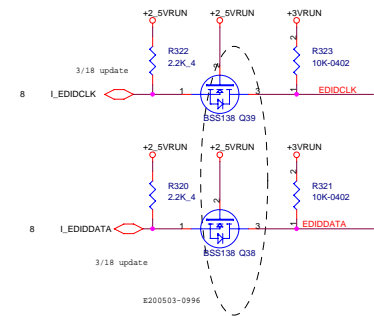
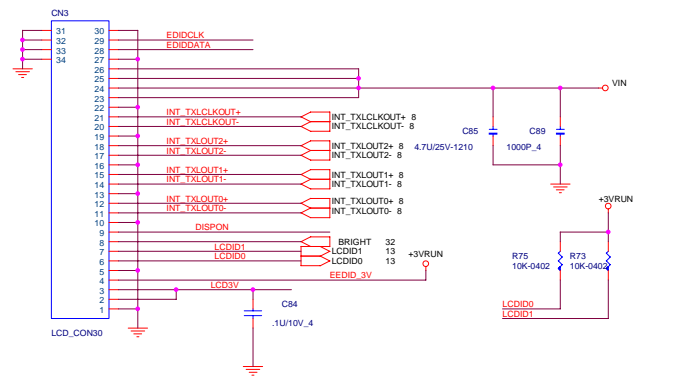
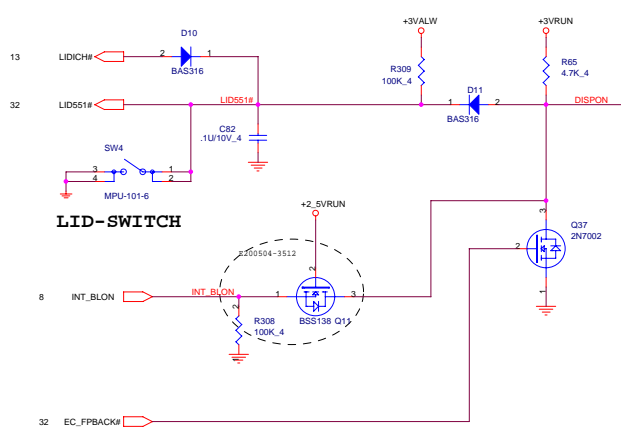
Size: Document Number: **DDR TERMINATION**
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FSC	FSB	FSA	CPU	SRC	PCI
1	0	1	100	100	33
0	0	1	133	100	33
0	1	1	166	100	33
0	1	0	200	100	33
0	0	0	266	100	33
1	0	0	333	100	33
1	1	0	400	100	33
1	1	1	RSVD	100	33

	DothanA	DothanB
R137	Install	NC
R330	NC	NC

Place these termination to close CK410M. Cause those Pin-out is for Current-Mode.

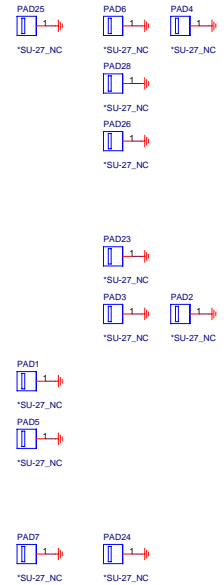
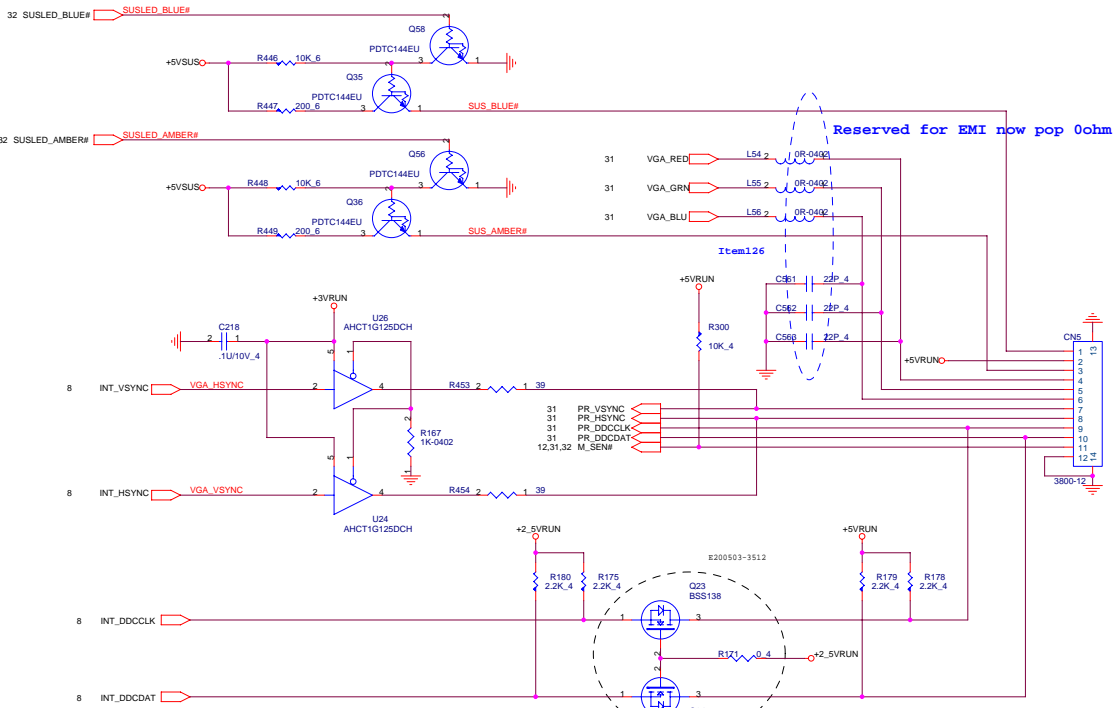




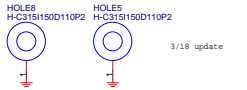
PROJECT : ED2L

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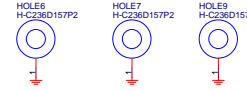
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	LCD Connector	D3B
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TV-Board fixing Nut



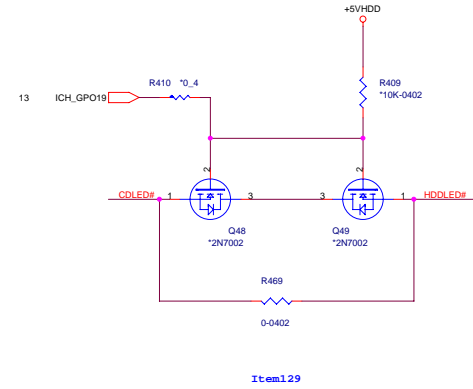
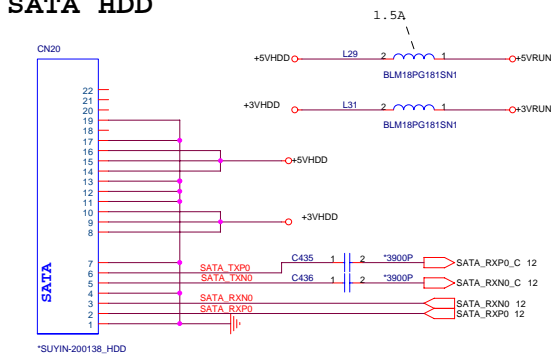
CPU SOCKET



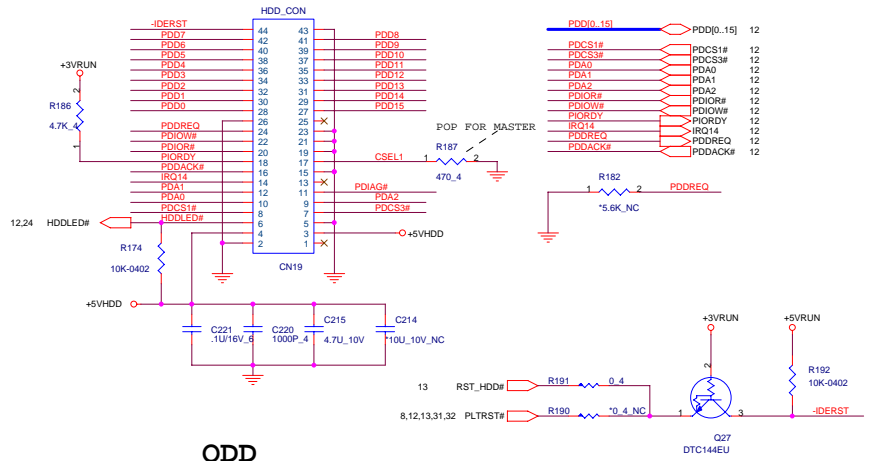
PROJECT : ED2L
Quanta Computer Inc.

Size	Document Number	Rev
	CRT & TV Connector	D3B
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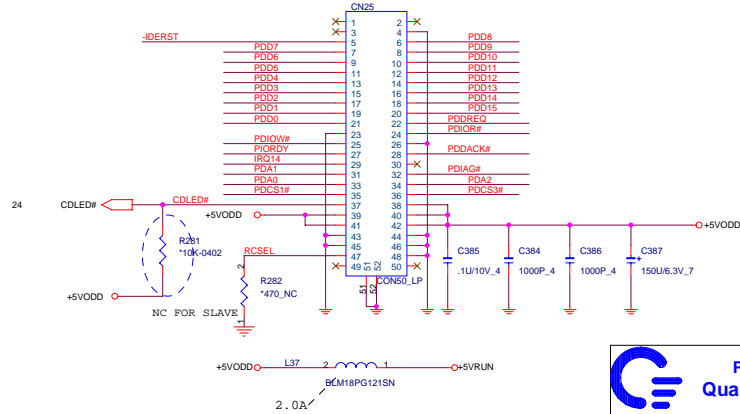
SATA HDD



PATA HDD

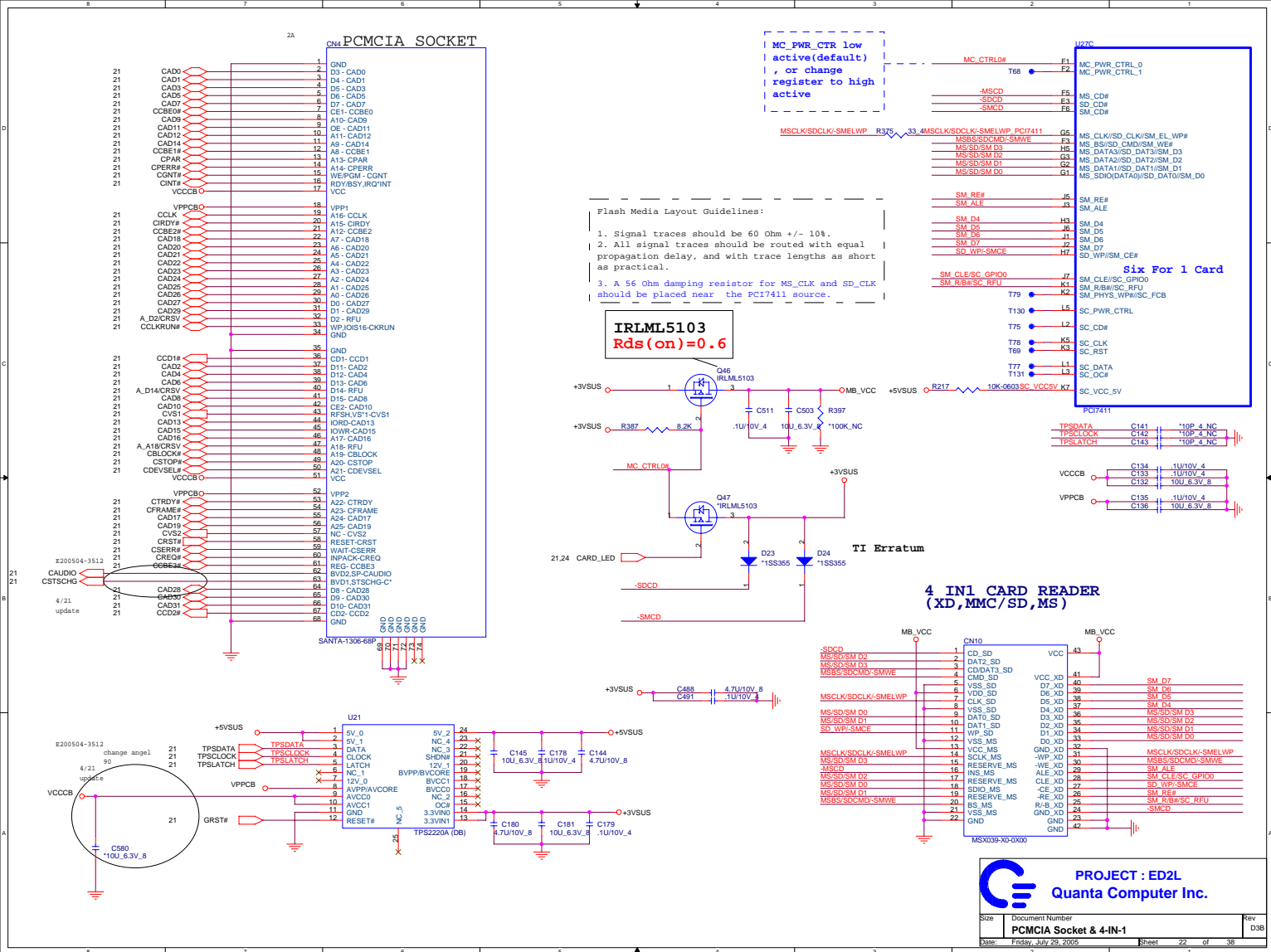


ODD

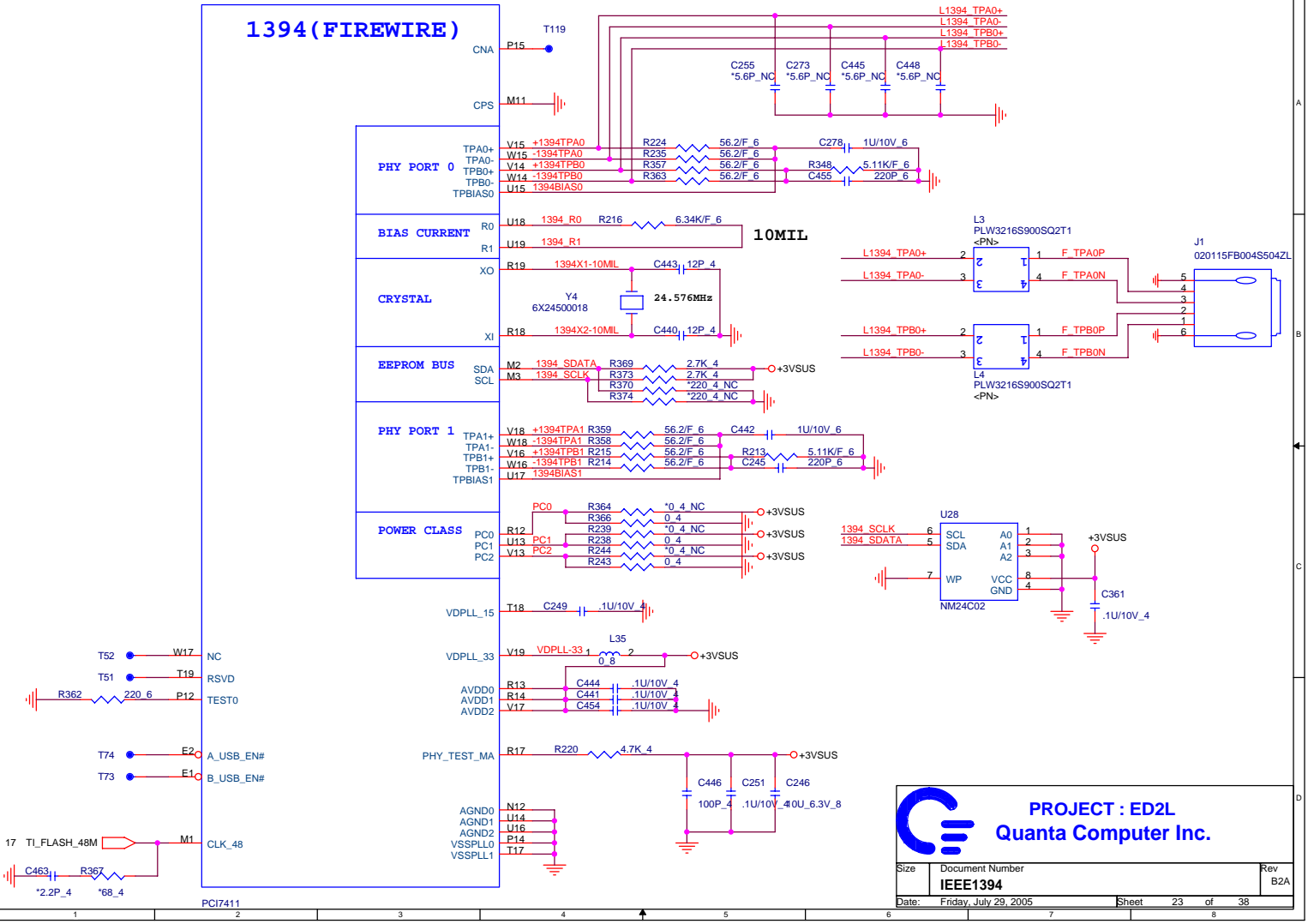


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	HDD & CDROM Connector	B2A
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1394 (FIREWIRE)

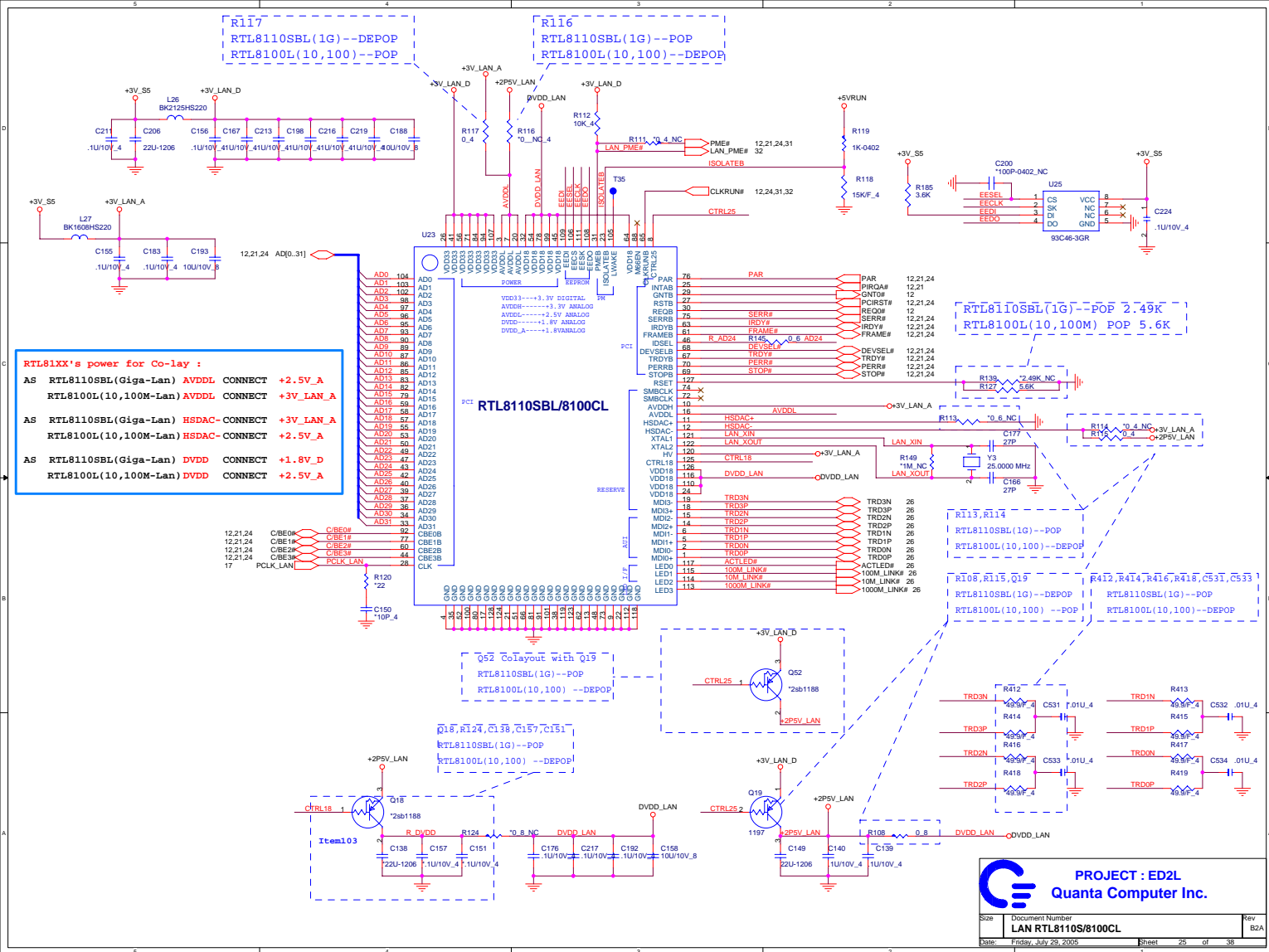


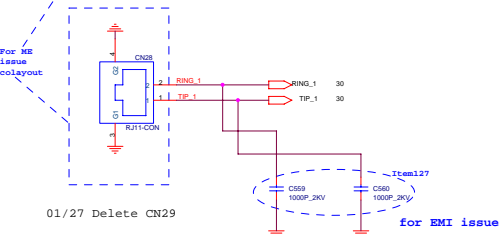
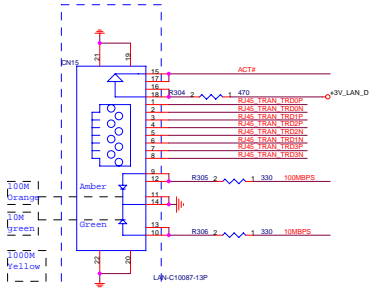
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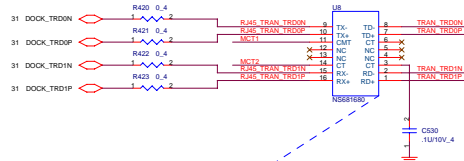
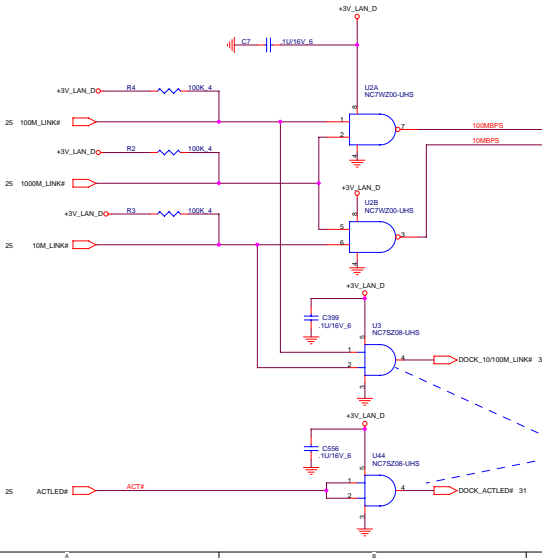
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	IEEE1394	B2A
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01/27 Delete CN29



U36
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

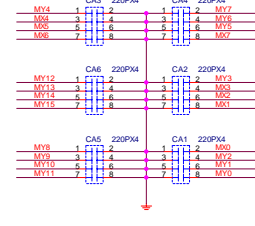
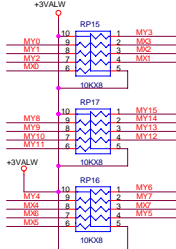
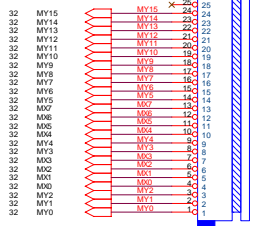
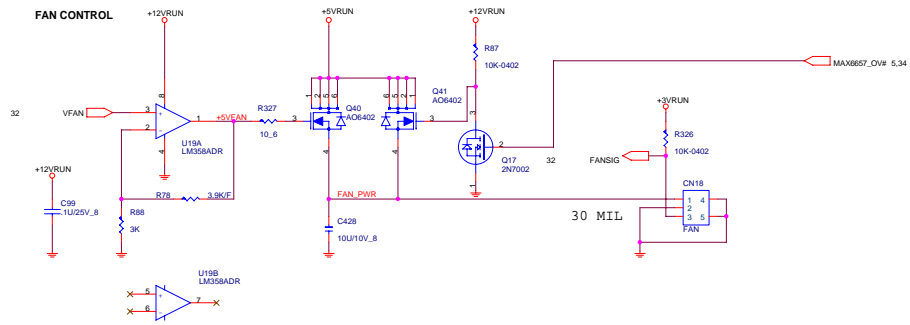
U44,U3,C399,C556
RTL8110SBL(1G)--DEPOP
RTL8100L(10,100)--POP

	For RTL8100C	For RTL8105B
R116	UN-POP	POP
R117	POP	UN-POP
R129	UN-POP	POP
R127	POP	UN-POP
R113	UN-POP	POP
R114	UN-POP	POP
R115	POP	UN-POP
R108	POP	UN-POP
R124	UN-POP	POP
C151	UN-POP	POP
C157	UN-POP	POP
Q52	UN-POP	POP
Q18	UN-POP	POP
Q19	POP	UN-POP
R412	UN-POP	POP
R414	UN-POP	POP
R416	UN-POP	POP
R418	UN-POP	POP
C531	UN-POP	POP
C533	UN-POP	POP
C40	UN-POP	POP
C41	UN-POP	POP
C42	UN-POP	POP
C43	UN-POP	POP
R9	UN-POP	POP
R10	UN-POP	POP
R420	POP	UN-POP
R421	POP	UN-POP
R422	POP	UN-POP
R423	POP	UN-POP
C530	POP	UN-POP
U8	POP	UN-POP
U9	UN-POP	POP
U44	POP	UN-POP
C556	POP	UN-POP
U3	POP	UN-POP
C399	POP	UN-POP

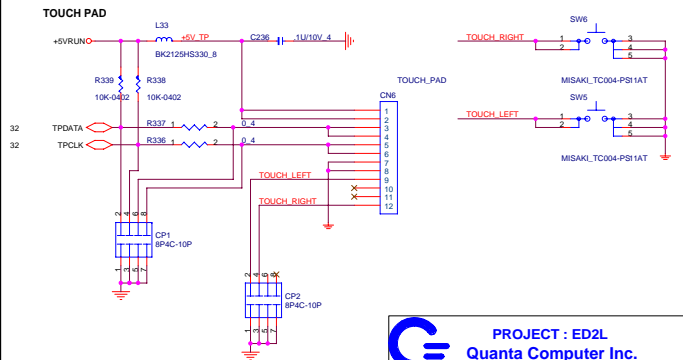
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	LAN Switch & Connector	BD1
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FAN CONTROL



TOUCH PAD



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T/P, FAN, Switch, K/B		B2A
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