




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Power States

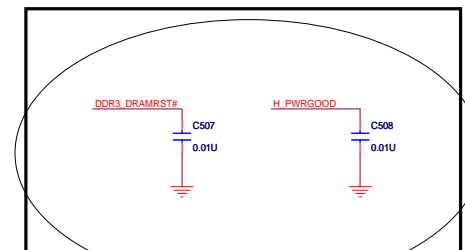
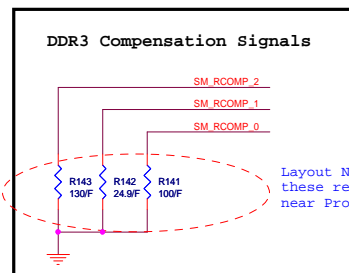
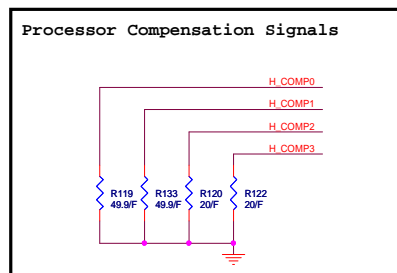
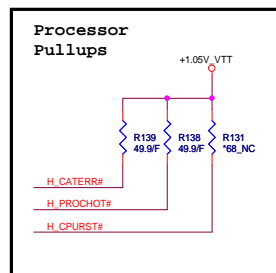
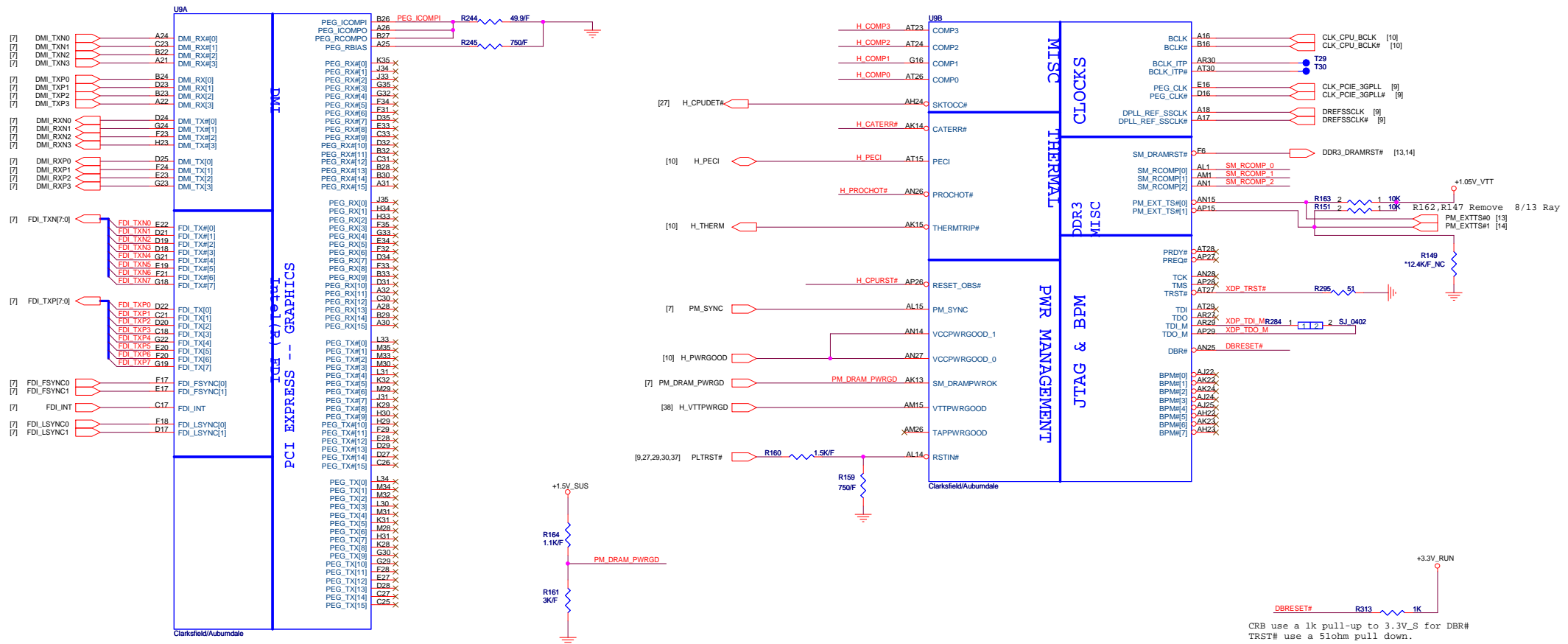
POWER PLANE	VOLTAGE	PAGE	DESCRIPTION	CONTROL SIGNAL	ACTIVE IN
+PWR_SRC	10V~+19V	24,30,45,46,47,48,49,50,51	MAIN POWER		S0~S5
+RTC_CELL	+3.0V~+3.3V	08,11,29,30	RTC		S0~S5
+5V_ALW2	+5V	37,46,52,53	LARGE POWER	MAIN POWER	S0~S5
+5V_ALW	+5V	13,33,44,46,47,48,49,50,51,52	LARGE POWER	ALW_ON	S0~S5
+3.3V_ALW	+3.3V	29,30,35,36,37,42,44,45,46,47,51,52,53	8051 POWER	3.3V_ALW_ON	S0~S5
+5V_SUS	+5V	11,33,34,37,51,52	SLP_S5# CTRLD POWER	SUS_ON	
+3.3V_SUS	+3.3V	07,08,09,10,11,13,14,19,24,28,29,37,41,42,44,48,49,50,52	SLP_S5# CTRLD POWER	SUS_ON	
+1.5V_SUS	+1.5V	03,05,13,14,47,50,52	SODIMM POWER	SUS_ON	
+0.75V_DDR_VTT	+0.75V	13,14,47,52	SODIMM POWER	RUN_ON	
+5V_RUN	+5V	11,18,24,25,35,36,38,39,40,51,52	SLP_S3# CTRLD POWER	RUN_ON	
+3.3V_RUN	+3.3V	3,7,8,9,10,11,13,14,15,17,24,25,26,28,29,30,31,32,33,35,37,38,39,40,41,42,46,51,52,60	SLP_S3# CTRLD POWER	RUN_ON	
+1.8V_RUN	+1.8V	05,11,44,52	SDVO POWER	RUN_ON	
+1.05V_VTT	+1.1V	03,05,10,11,49,60	CPU POWER	RUN_ON	
+1.5V_RUN	+1.5V	11,28,31,32,52	Express Card/Min Card	RUN_ON	
+5V_HDD	+5V	35	HDD Power	HDDC_EN	
+1.05V_PCH	+1.05V	08,09,11,15,48	PCH POWER	RUN_ON	
+VCC_CORE	+0.7V~+1.77V	05,51	CPU CORE POWER	IMVP_VR_ON	
+LCDVCC	+3.3V	24	LCD Power	LCDVCC_TST_EN & ENVDD	
+5V_MOD	+5V	35	MOD Power	MODC_EN	

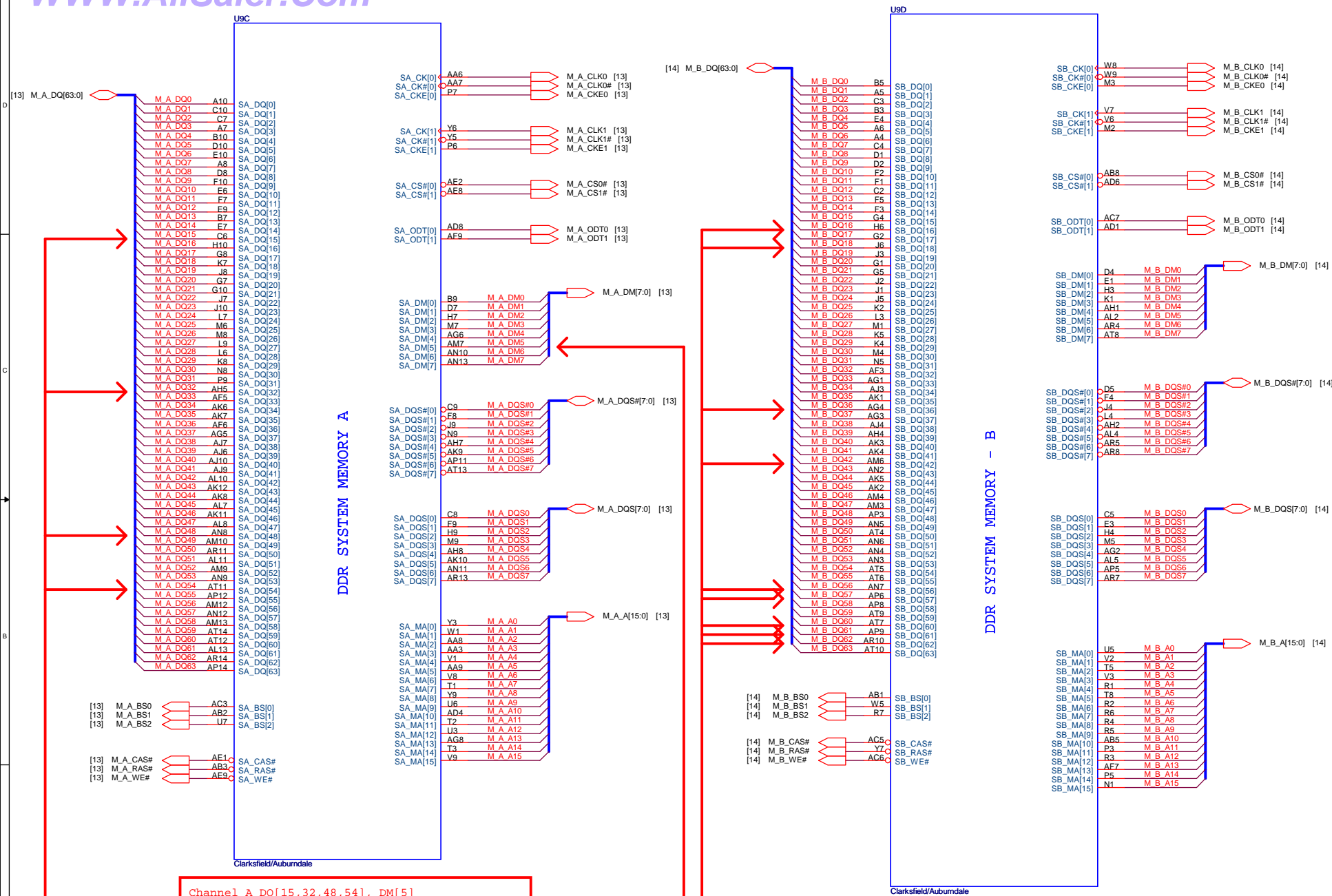
GND PLANE	PAGE	DESCRIPTION
 GND	ALL	



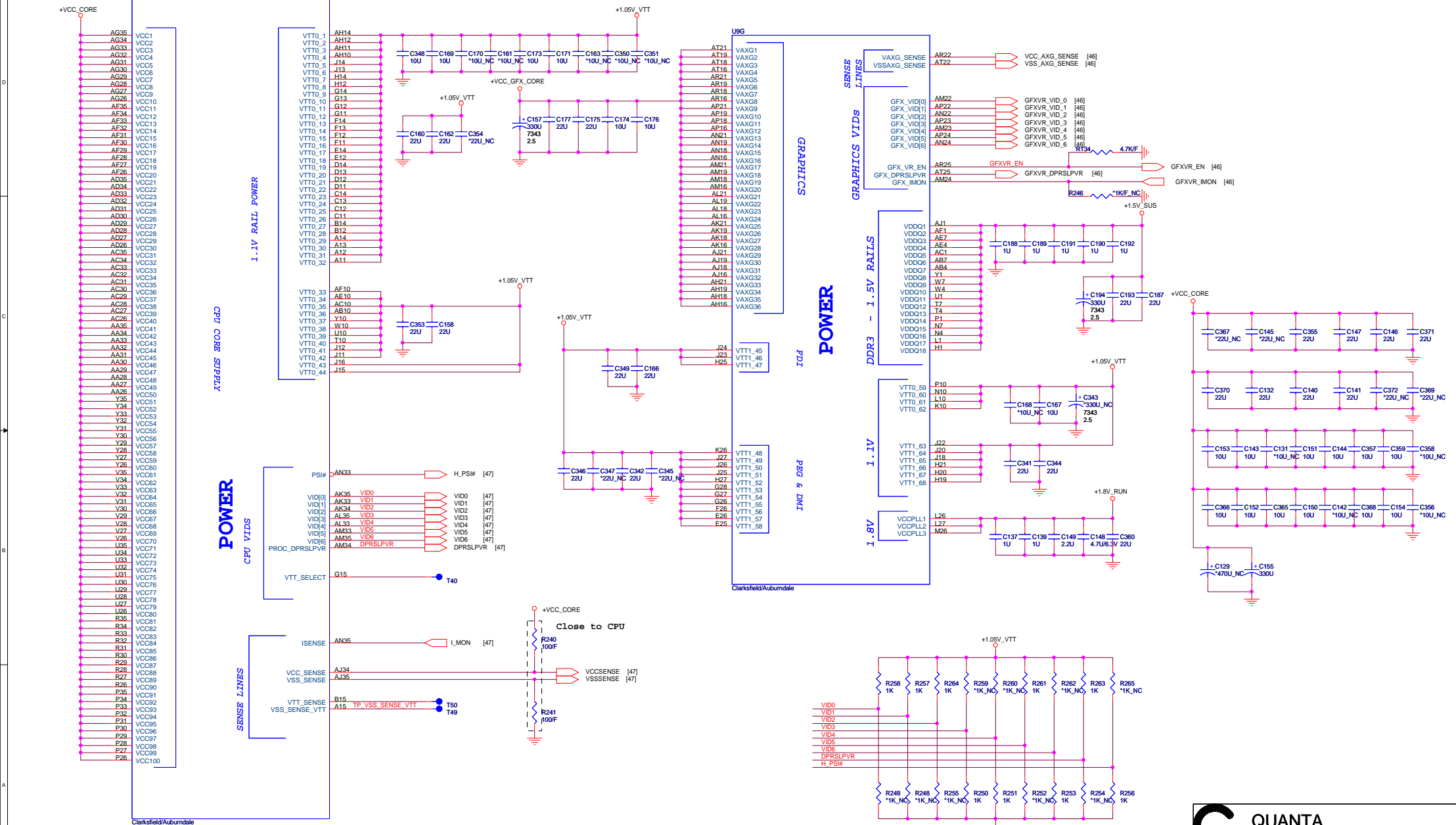
QUANTA
COMPUTER

Title		
Index & Power Status		
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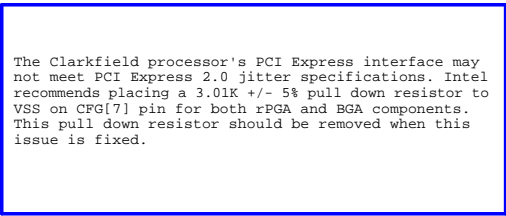
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Size	Document Number UM3B/UM6B	Rev 1A
Date:	Friday, October 02, 2009	Sheet 4 of 59




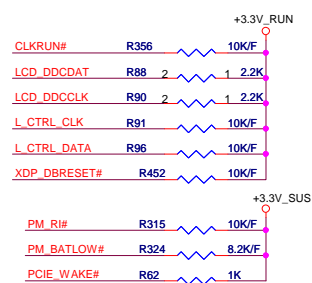
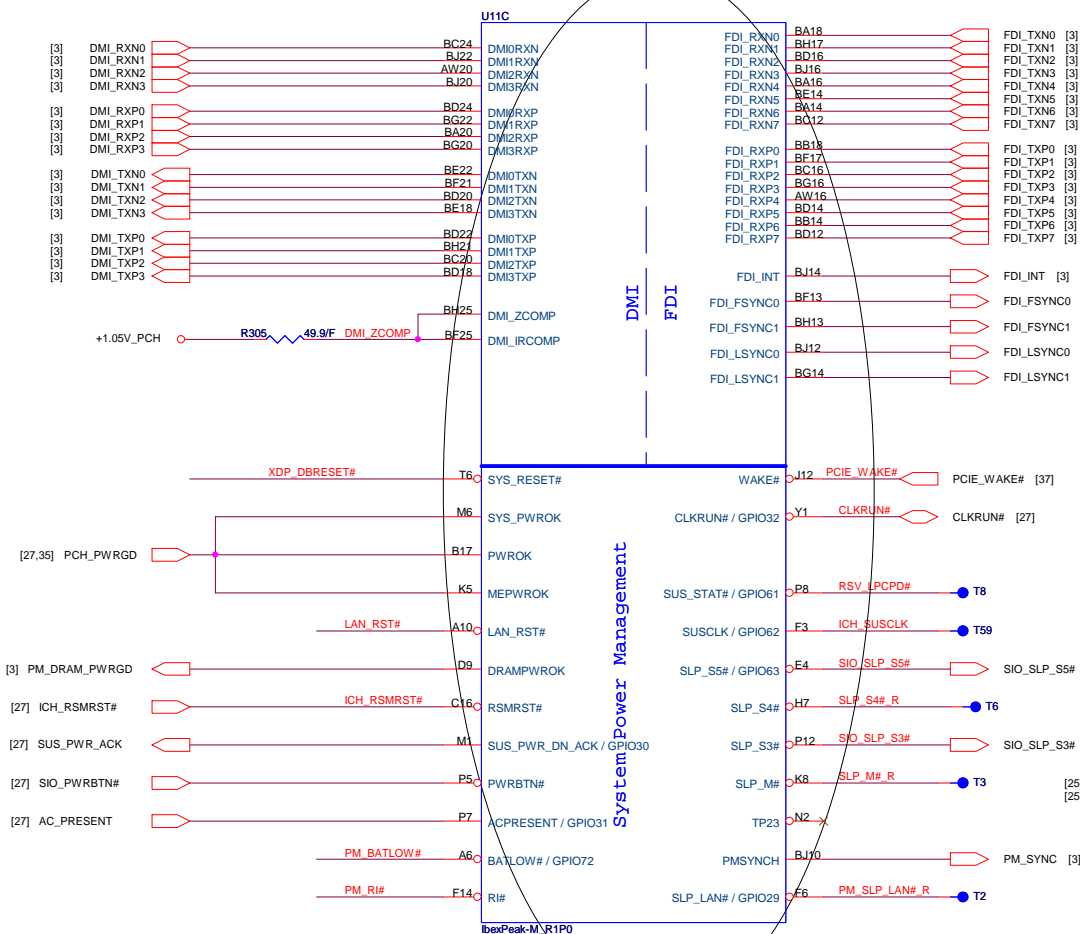
AUBURNDALE/CLARKSFIELD PROCESSOR (POWER)



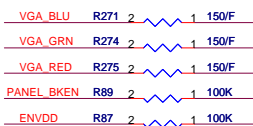
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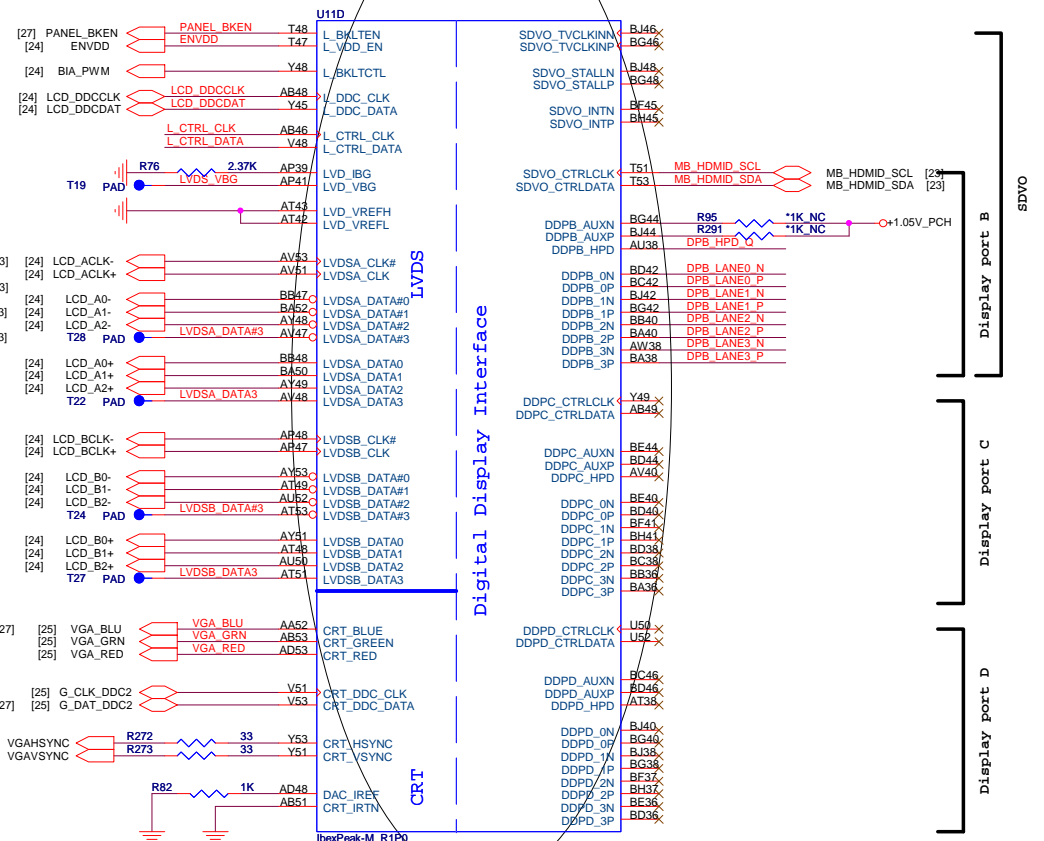
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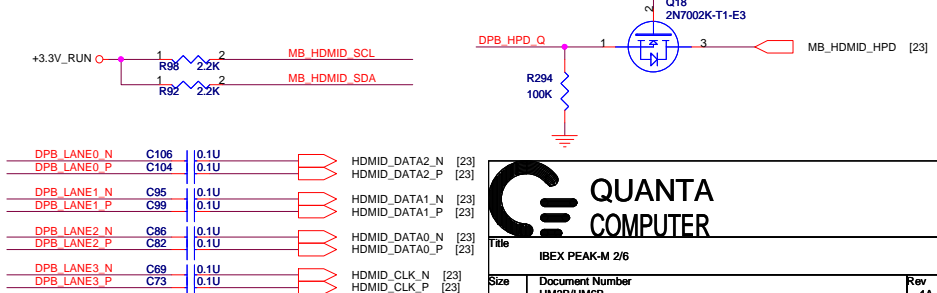
Close to VGA side



IBEX PEAK-M (LVDS, DDI)



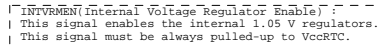
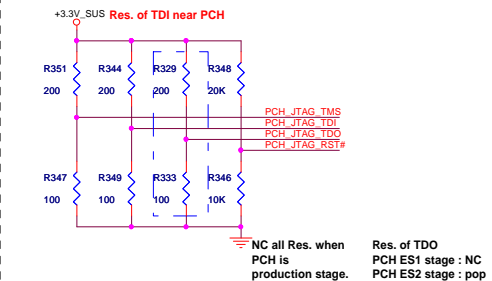
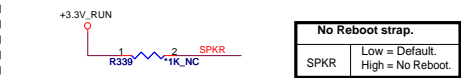
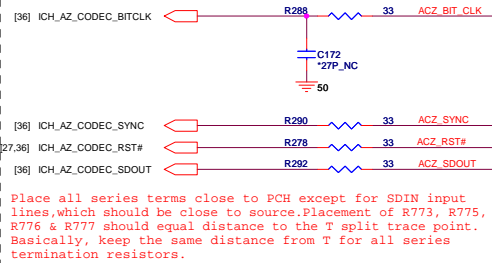
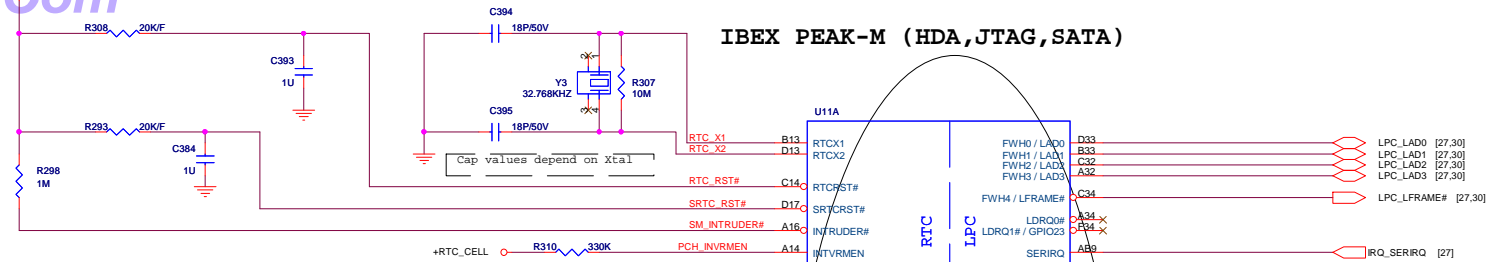
For UMA HDMI Function



IBEX PEAK-M 2/6

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IBEX PEAK-M (HDA,JTAG,SATA)

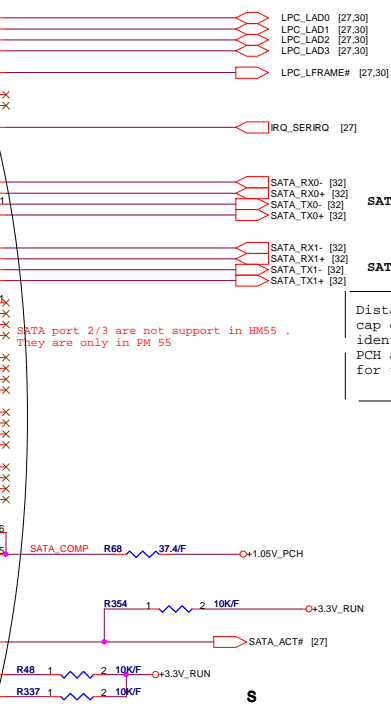
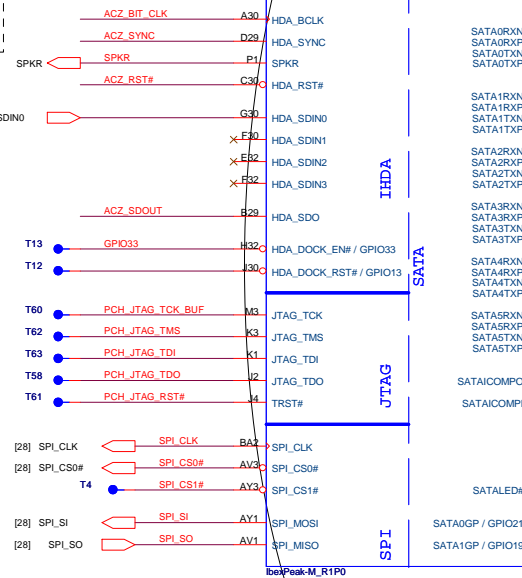


Flash Descriptor Security Override	
GPIIO33	Low = Enabled High = Disabled
<p>Note : GPIIO33 is a signal used for Flash Descriptor Security Override/ME Debug Mode.This signal should be only asserted lowthrough an external pull-down in manufacturing or debug environments ONLY.</p>	



Note : Only pop when PCH is production stage & need "JTAG boundary Scan". Remember to depop XDP side Res.

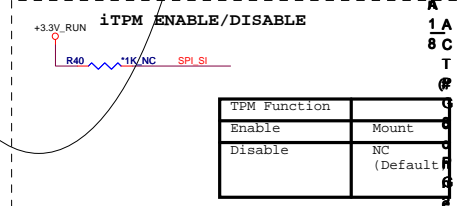
JTAG
Test Pads are need to put on
the same side of mother board.



SATA HDD

SATA ODD

Distance between the PCH and cap on the "P" signal should be identical distance between the PCH and cap on the "N" signal for the same pair.



TPM Function	
Enable	Mount
Disable	NC (Default)

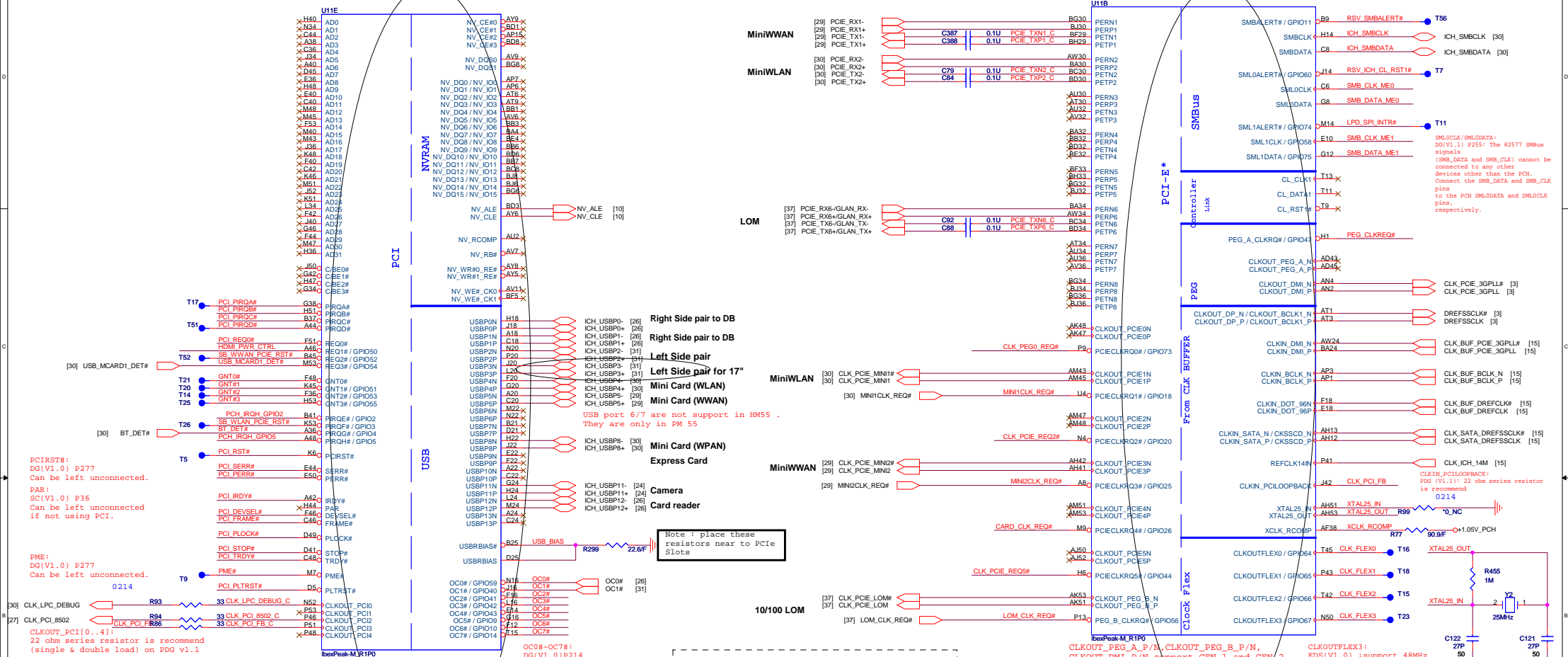


Title	IBEX PEAK-M 1/6
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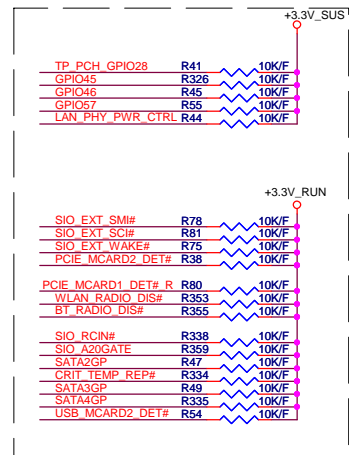
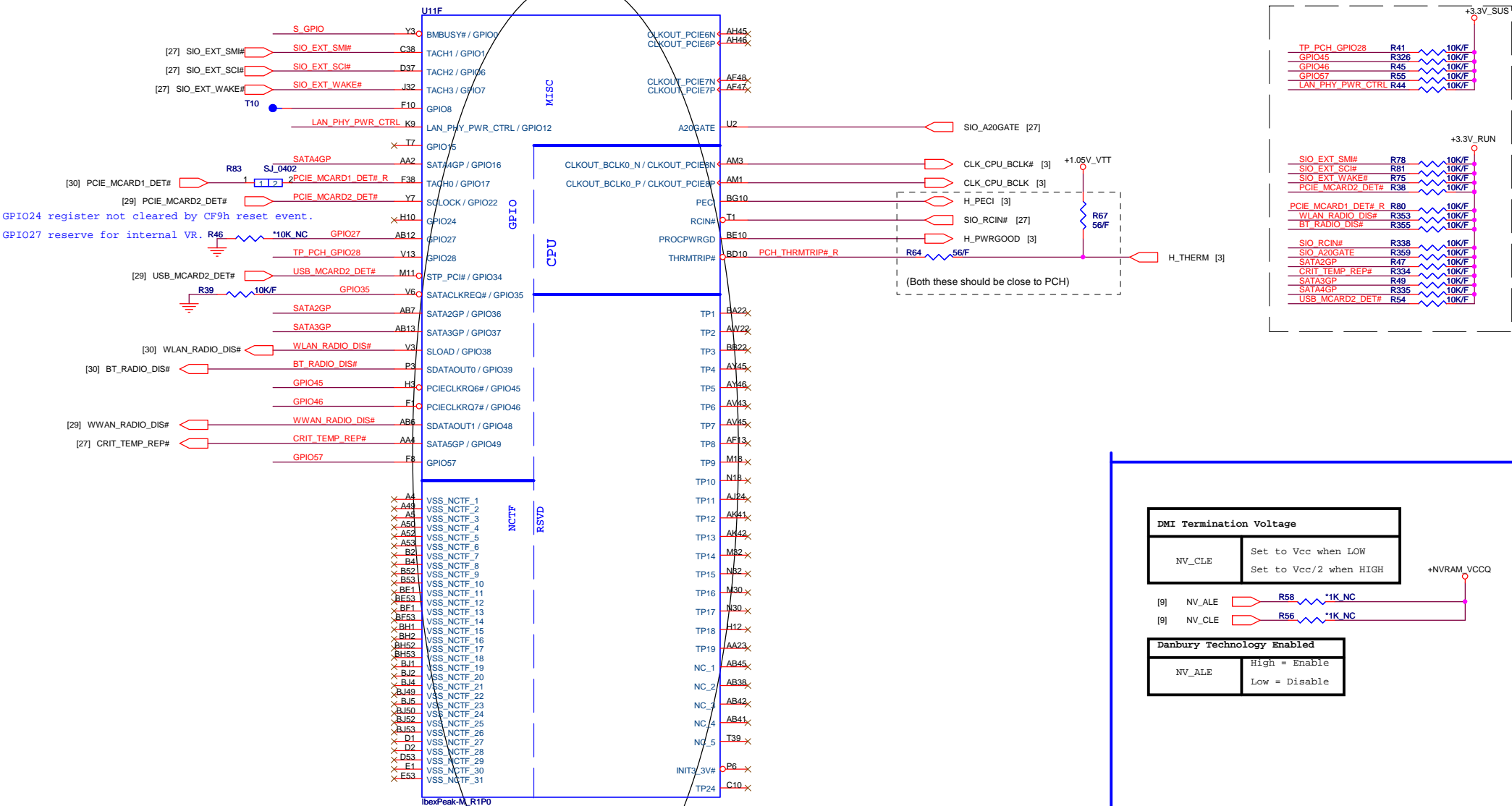
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Place TX DC blocking caps close PCH.



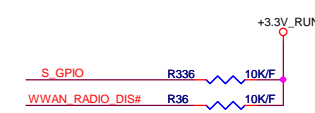
IBEX PEAK-M (GPIO,VSS_NCTF,RSVD)



DMI Termination Voltage	
NV_CLE	Set to Vcc when LOW Set to Vcc/2 when HIGH



Danbury Technology Enabled	
NV_ALE	High = Enable Low = Disable



BMBUSY#:
If not used, require a weak pull-up (8.2- 10k to Vcc3.3.
CRB(V1.0)P28: it has 1K PU and 100 ohm on this net for validation purpose.

BMBUSY#:(Intel feedback)
Follow CRB checklist, 1K is for intel BIOS validation purpose.

WWAN_RADIO_DIS#	1-X High = Strong (Default)
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QUANTA
COMPUTER

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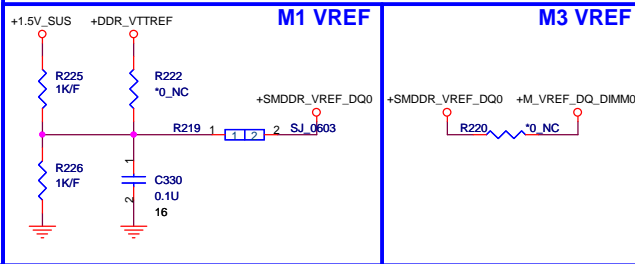
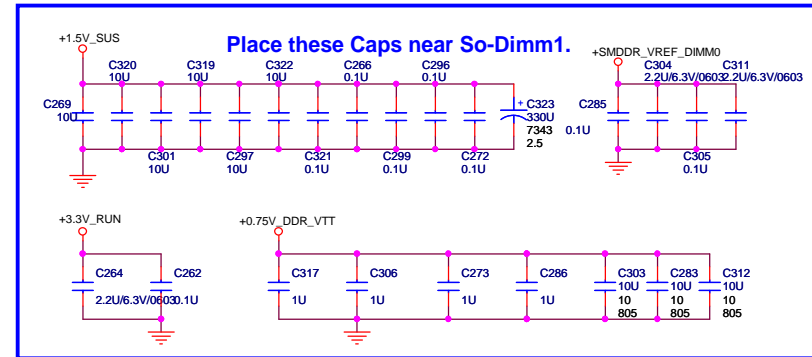
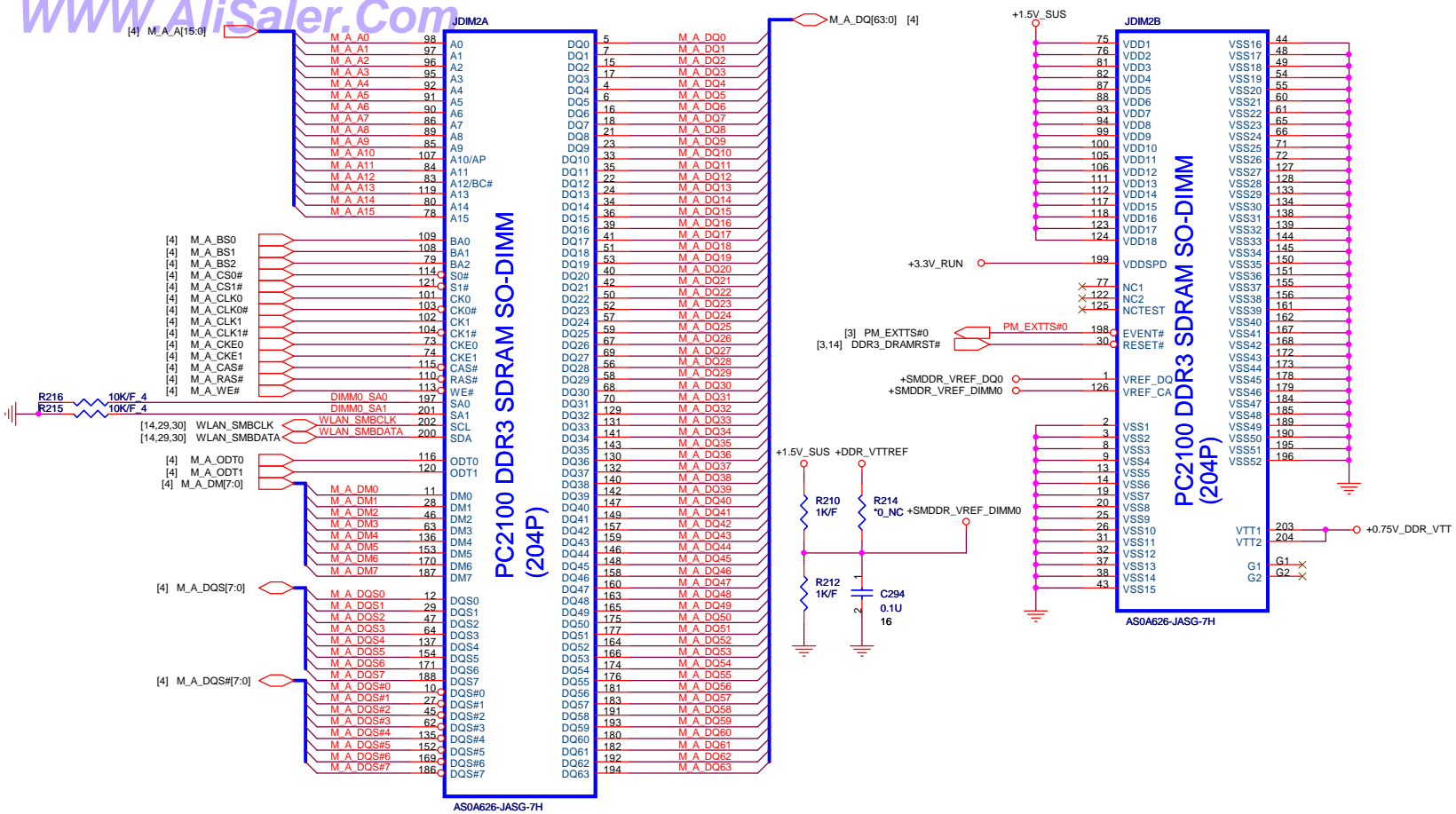


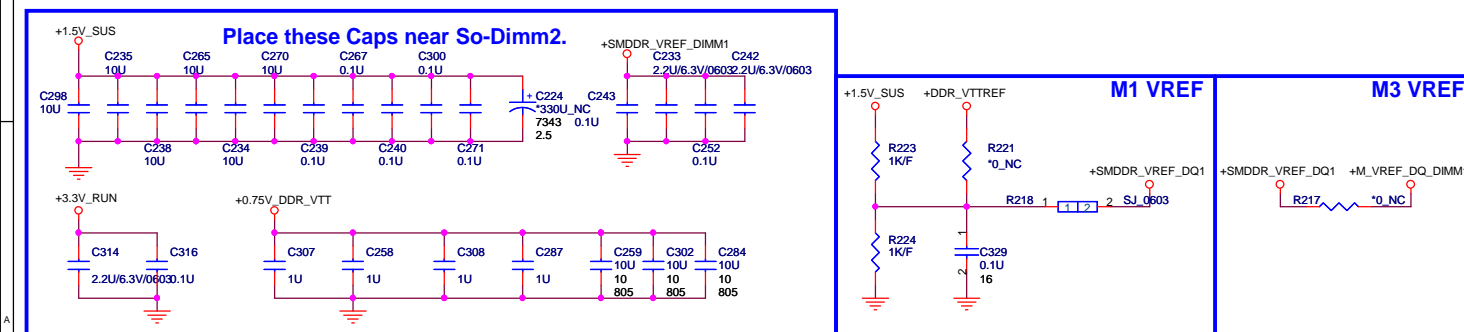
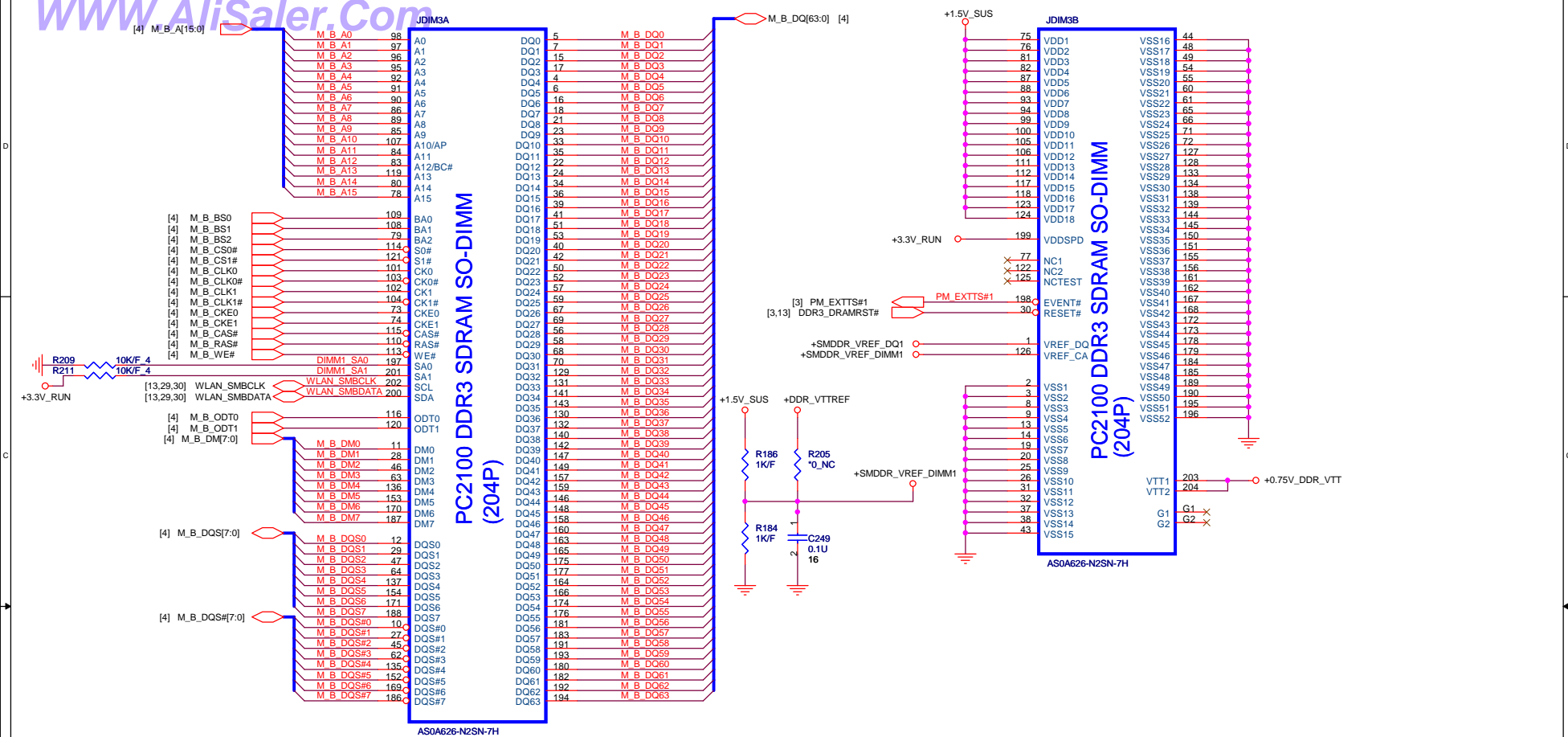
IBEX PEAK-M 5/6			
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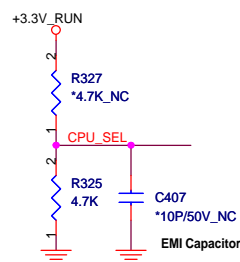
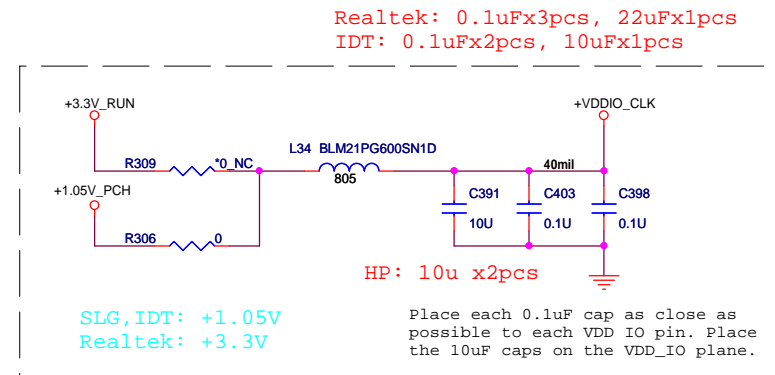
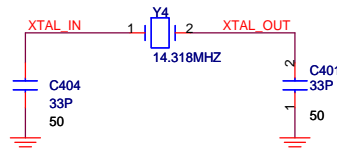
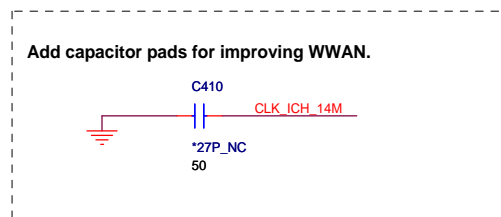
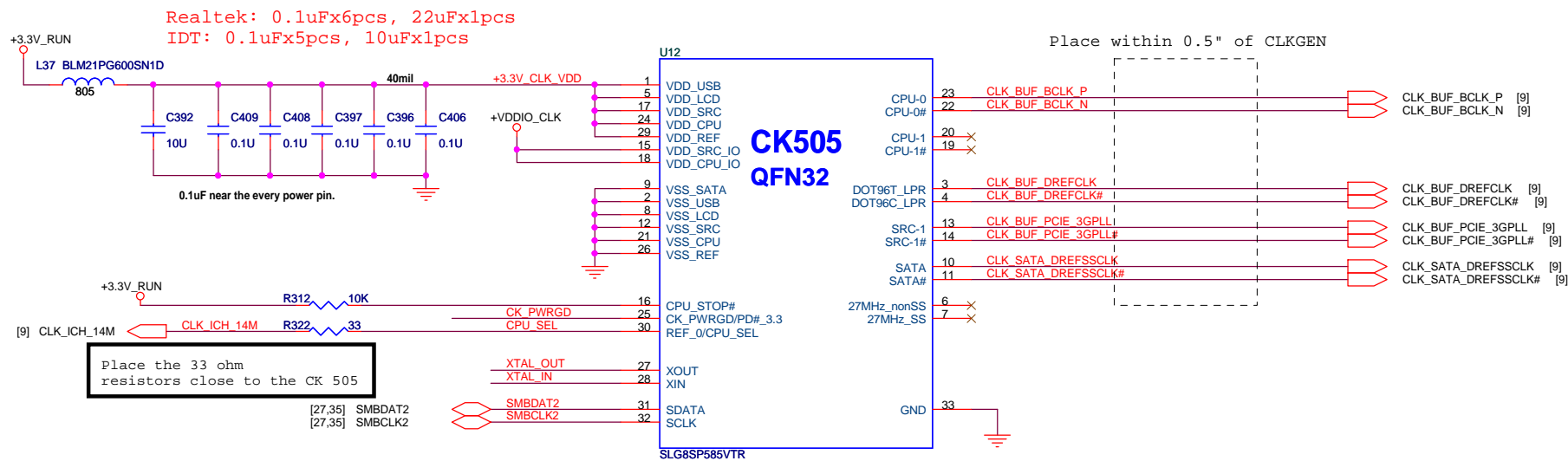
IBEX PEAK-M (GND)

AB16	VSS[0]	
AA19	VSS[1]	VSS[80] AK30
AA20	VSS[2]	VSS[81] AK31
AA22	VSS[3]	VSS[82] AK32
AM15	VSS[4]	VSS[83] AK33
AA24	VSS[5]	VSS[84] AK34
AA26	VSS[6]	VSS[85] AK35
AA28	VSS[7]	VSS[86] AK36
AA30	VSS[8]	VSS[87] AK37
AA32	VSS[9]	VSS[88] AK38
AA34	VSS[10]	VSS[89] AK39
AB17	VSS[11]	VSS[90] AK40
AB18	VSS[12]	VSS[91] AK41
AB19	VSS[13]	VSS[92] AK42
AB20	VSS[14]	VSS[93] AK43
AB21	VSS[15]	VSS[94] AK44
AB22	VSS[16]	VSS[95] AK45
AB23	VSS[17]	VSS[96] AK46
AB24	VSS[18]	VSS[97] AK47
AB25	VSS[19]	VSS[98] AK48
AB26	VSS[20]	VSS[99] AK49
AC2	VSS[21]	VSS[100] AK50
AC22	VSS[22]	VSS[101] AK51
AC24	VSS[23]	VSS[102] AK52
AD1	VSS[24]	VSS[103] AK53
AD12	VSS[25]	VSS[104] AK54
AD23	VSS[26]	VSS[105] AK55
AD30	VSS[27]	VSS[106] AK56
AD31	VSS[28]	VSS[107] AK57
AD32	VSS[29]	VSS[108] AK58
AD34	VSS[30]	VSS[109] AK59
AD35	VSS[31]	VSS[110] AK60
AD36	VSS[32]	VSS[111] AK61
AD37	VSS[33]	VSS[112] AK62
AD38	VSS[34]	VSS[113] AK63
AD39	VSS[35]	VSS[114] AK64
AD7	VSS[36]	VSS[115] AK65
AE2	VSS[37]	VSS[116] AK66
AE4	VSS[38]	VSS[117] AK67
AF12	VSS[39]	VSS[118] AK68
AF13	VSS[40]	VSS[119] AK69
AF14	VSS[41]	VSS[120] AK70
AF15	VSS[42]	VSS[121] AK71
AF16	VSS[43]	VSS[122] AK72
AF17	VSS[44]	VSS[123] AK73
AF18	VSS[45]	VSS[124] AK74
AF19	VSS[46]	VSS[125] AK75
AF20	VSS[47]	VSS[126] AK76
AF21	VSS[48]	VSS[127] AK77
AF22	VSS[49]	VSS[128] AK78
AF23	VSS[50]	VSS[129] AK79
AG2	VSS[51]	VSS[130] AK80
AG22	VSS[52]	VSS[131] AK81
AG24	VSS[53]	VSS[132] AK82
AG26	VSS[54]	VSS[133] AK83
AG28	VSS[55]	VSS[134] AK84
AG30	VSS[56]	VSS[135] AK85
AG32	VSS[57]	VSS[136] AK86
AG34	VSS[58]	VSS[137] AK87
AG36	VSS[59]	VSS[138] AK88
AG38	VSS[60]	VSS[139] AK89
AG40	VSS[61]	VSS[140] AK90
AG42	VSS[62]	VSS[141] AK91
AG44	VSS[63]	VSS[142] AK92
AG46	VSS[64]	VSS[143] AK93
AG48	VSS[65]	VSS[144] AK94
AG50	VSS[66]	VSS[145] AK95
AG52	VSS[67]	VSS[146] AK96
AG54	VSS[68]	VSS[147] AK97
AG56	VSS[69]	VSS[148] AK98
AG58	VSS[70]	VSS[149] AK99
AG60	VSS[71]	VSS[150] AK100
AG62	VSS[72]	VSS[151] AK101
AG64	VSS[73]	VSS[152] AK102
AG66	VSS[74]	VSS[153] AK103
AG68	VSS[75]	VSS[154] AK104
AG70	VSS[76]	VSS[155] AK105
AG72	VSS[77]	VSS[156] AK106
AG74	VSS[78]	VSS[157] AK107
AG76	VSS[79]	VSS[158] AK108

U11	VSS[159]	VSS[259] H49
B11	VSS[160]	VSS[260] H5
B15	VSS[161]	VSS[261] J24
B17	VSS[162]	VSS[262] K11
B20	VSS[163]	VSS[263] K43
B21	VSS[164]	VSS[264] K47
B35	VSS[165]	VSS[265] L14
B39	VSS[166]	VSS[266] L18
B43	VSS[167]	VSS[267] L2
B47	VSS[168]	VSS[268] L22
B7	VSS[169]	VSS[269] L32
BC12	VSS[170]	VSS[270] L36
BB12	VSS[171]	VSS[271] L40
BB16	VSS[172]	VSS[272] L52
BB20	VSS[173]	VSS[273] M12
BB24	VSS[174]	VSS[274] M16
BB30	VSS[175]	VSS[275] M20
BB34	VSS[176]	VSS[276] M24
BB38	VSS[177]	VSS[277] M28
BB42	VSS[178]	VSS[278] M32
BB46	VSS[179]	VSS[279] M36
BB50	VSS[180]	VSS[280] M40
BC10	VSS[181]	VSS[281] M44
BC14	VSS[182]	VSS[282] M48
BC18	VSS[183]	VSS[283] M52
BC22	VSS[184]	VSS[284] M56
BC26	VSS[185]	VSS[285] M60
BC30	VSS[186]	VSS[286] M64
BC34	VSS[187]	VSS[287] M68
BC38	VSS[188]	VSS[288] M72
BC42	VSS[189]	VSS[289] M76
BC46	VSS[190]	VSS[290] M80
BC50	VSS[191]	VSS[291] M84
BC54	VSS[192]	VSS[292] M88
BC58	VSS[193]	VSS[293] M92
BC62	VSS[194]	VSS[294] M96
BC66	VSS[195]	VSS[295] M100
BC70	VSS[196]	VSS[296] M104
BC74	VSS[197]	VSS[297] M108
BC78	VSS[198]	VSS[298] M112
BC82	VSS[199]	VSS[299] M116
BC86	VSS[200]	VSS[300] M120
BC90	VSS[201]	VSS[301] M124
BC94	VSS[202]	VSS[302] M128
BC98	VSS[203]	VSS[303] M132
BC102	VSS[204]	VSS[304] M136
BC106	VSS[205]	VSS[305] M140
BC110	VSS[206]	VSS[306] M144
BC114	VSS[207]	VSS[307] M148
BC118	VSS[208]	VSS[308] M152
BC122	VSS[209]	VSS[309] M156
BC126	VSS[210]	VSS[310] M160
BC130	VSS[211]	VSS[311] M164
BC134	VSS[212]	VSS[312] M168
BC138	VSS[213]	VSS[313] M172
BC142	VSS[214]	VSS[314] M176
BC146	VSS[215]	VSS[315] M180
BC150	VSS[216]	VSS[316] M184
BC154	VSS[217]	VSS[317] M188
BC158	VSS[218]	VSS[318] M192
BC162	VSS[219]	VSS[319] M196
BC166	VSS[220]	VSS[320] M200
BC170	VSS[221]	VSS[321] M204
BC174	VSS[222]	VSS[322] M208
BC178	VSS[223]	VSS[323] M212
BC182	VSS[224]	VSS[324] M216
BC186	VSS[225]	VSS[325] M220
BC190	VSS[226]	VSS[326] M224
BC194	VSS[227]	VSS[327] M228
BC198	VSS[228]	VSS[328] M232
BC202	VSS[229]	VSS[329] M236
BC206	VSS[230]	VSS[330] M240
BC210	VSS[231]	VSS[331] M244
BC214	VSS[232]	VSS[332] M248
BC218	VSS[233]	VSS[333] M252
BC222	VSS[234]	VSS[334] M256
BC226	VSS[235]	VSS[335] M260
BC230	VSS[236]	VSS[336] M264
BC234	VSS[237]	VSS[337] M268
BC238	VSS[238]	VSS[338] M272
BC242	VSS[239]	VSS[339] M276
BC246	VSS[240]	VSS[340] M280
BC250	VSS[241]	VSS[341] M284
BC254	VSS[242]	VSS[342] M288
BC258	VSS[243]	VSS[343] M292
BC262	VSS[244]	VSS[344] M296
BC266	VSS[245]	VSS[345] M300
BC270	VSS[246]	VSS[346] M304
BC274	VSS[247]	VSS[347] M308
BC278	VSS[248]	VSS[348] M312
BC282	VSS[249]	VSS[349] M316
BC286	VSS[250]	VSS[350] M320
BC290	VSS[251]	VSS[351] M324
BC294	VSS[252]	VSS[352] M328
BC298	VSS[253]	VSS[353] M332
BC302	VSS[254]	VSS[354] M336
BC306	VSS[255]	VSS[355] M340
BC310	VSS[256]	VSS[356] M344
BC314	VSS[257]	VSS[357] M348
BC318	VSS[258]	VSS[358] M352

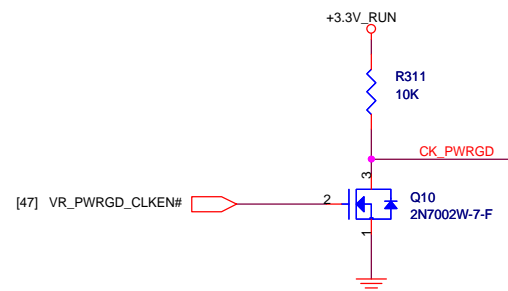







PIN 30	CPU_0	CPU_1
0 (default)	133MHz	133MHz
1 (0.7V-1.5V)	100MHz	100MHz


CPU_SEL:
SLG date sheet (V0.2) P15:
High Voltage: Min 0.7V, Max 1.5V.
Low Voltage: Min Vss-0.3V, Max 0.35V.
Realtek date sheet (V1.2) P11:
High Voltage: Min 0.7V, Max 1.5V.
Low Voltage: Min Vss-0.3V, Max 0.35V.
IDT date sheet (V0.7) P10:
High Voltage: Min 0.7V, Max 1.5V.
Low Voltage: Min Vss-0.3V, Max 0.35V.



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 QUANTA COMPUTER		
Title VGA-M92-XT (PCIe)		
Size	Document Number UM3B/UM6B	Rev 1A
Date: Wednesday, September 30, 2009 Sheet 16 of 59		

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			QUANTA COMPUTER
VGA-MB2-XT (PCIe)			
Size	Document Number		Rev
	UM3B/UM8		1A
Date: Wednesday, September 30, 2009 Sheet 17 of 69			


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 QUANTA COMPUTER		
Title: VGA-M82-XT (PCIe)		
Size:	Document Number: UM3B/UM6B	Rev: 1A
Date: Wednesday, September 30, 2009 Sheet 19 of 59		

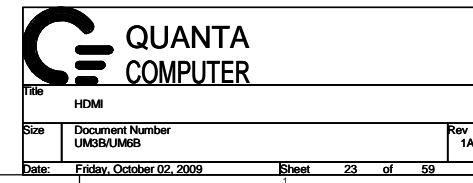
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NUMBER SAME AS DISCRETE

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NUMBER SAME AS DISCRETE

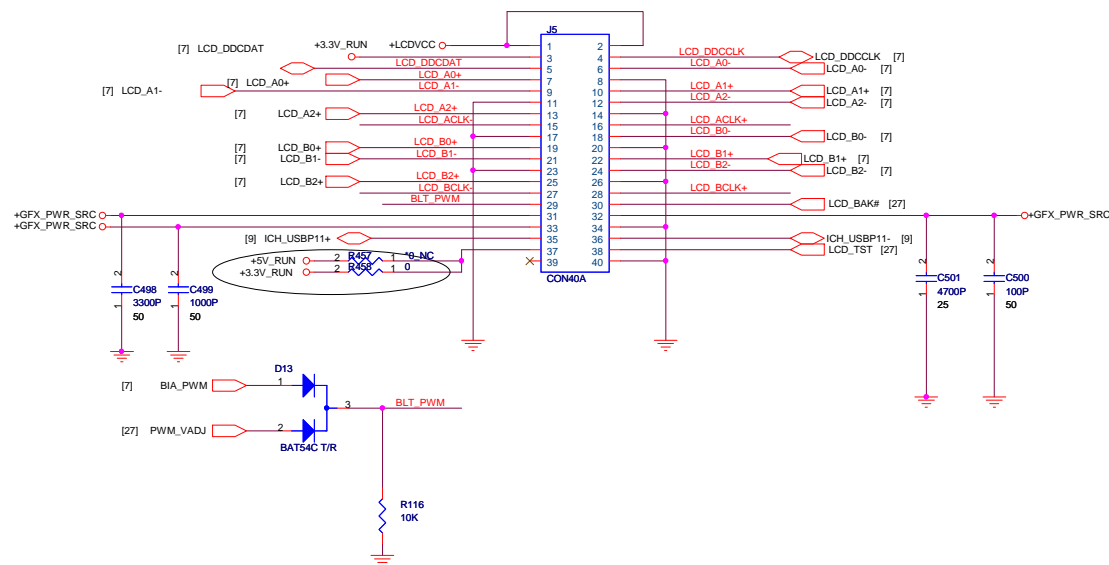
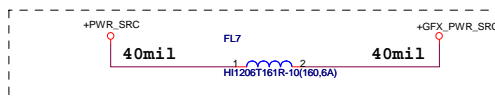
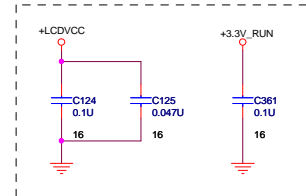
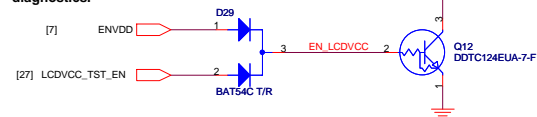
		QUANTA COMPUTER	
Title VGA-M92-XT (PCIe)			
Size	Document Number UM3B/UM6B		Rev 1A
Date	Wednesday, September 30, 2009	Sheet	21 of 59

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 QUANTA COMPUTER		
Title VGA-M92-XT (PCIe)		
Size	Document Number UM3B/UM6B	Rev 1A
Date:	Wednesday, September 30, 2009	Sheet 22 of 59

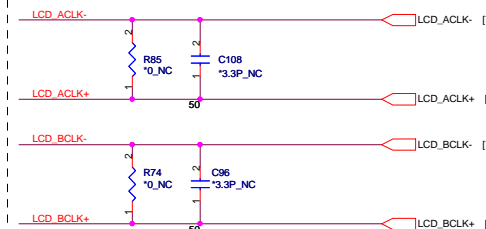


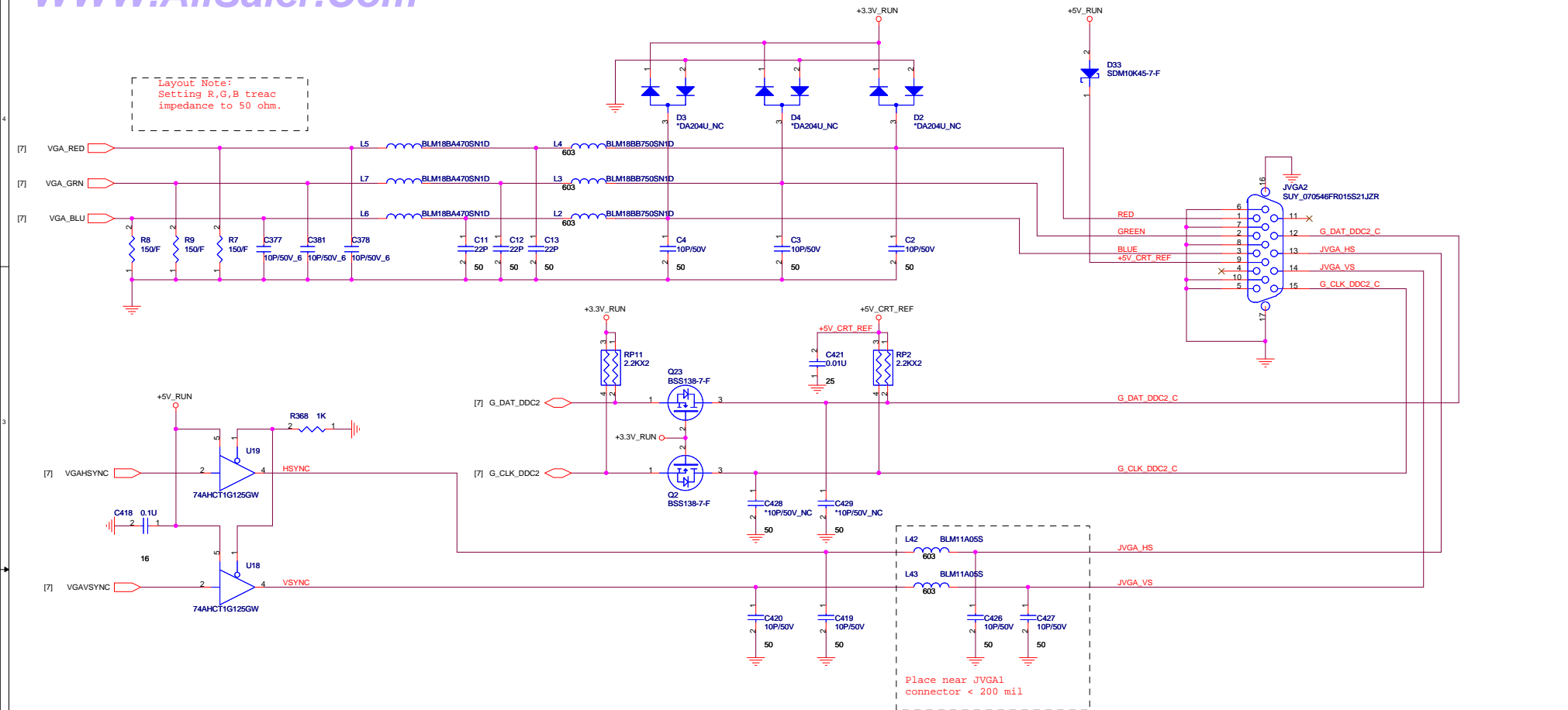
Support the new imbedded diagnostics.

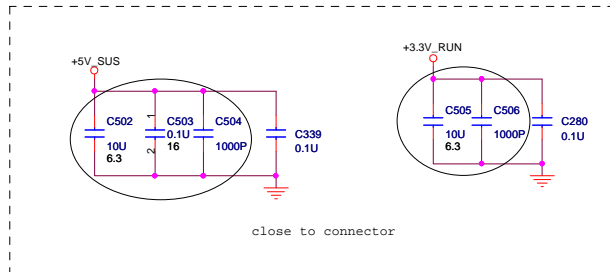
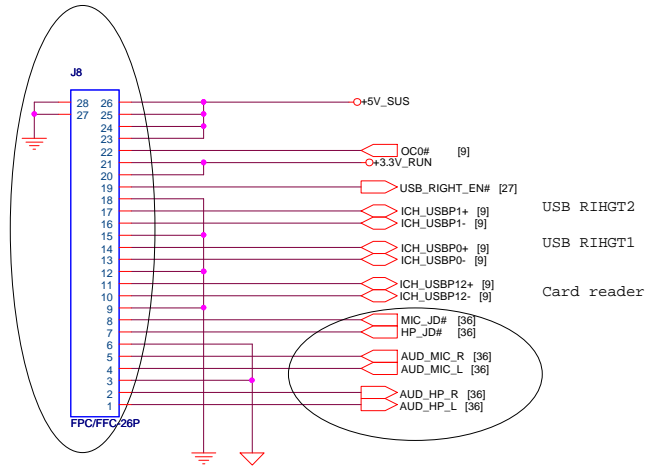


Shunt capacitors on LVDS for improving WWAN.

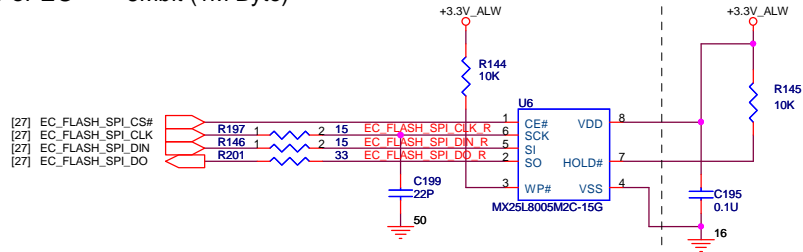
LCD B0-	C109	1	2	*3.3P_NC	50	LCD B0+
LCD B1-	C107	1	2	*3.3P_NC	50	LCD B1+
LCD B2-	C101	1	2	*3.3P_NC	50	LCD B2+
LCD A0-	C119	1	2	*3.3P_NC	50	LCD A0+
LCD A1-	C113	1	2	*3.3P_NC	50	LCD A1+
LCD A2-	C111	1	2	*3.3P_NC	50	LCD A2+



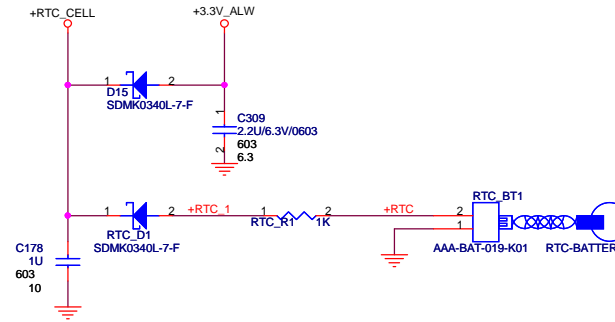




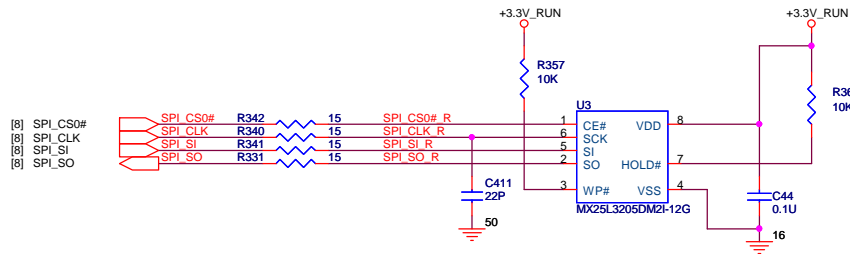
For EC 8Mbit (1M Byte)




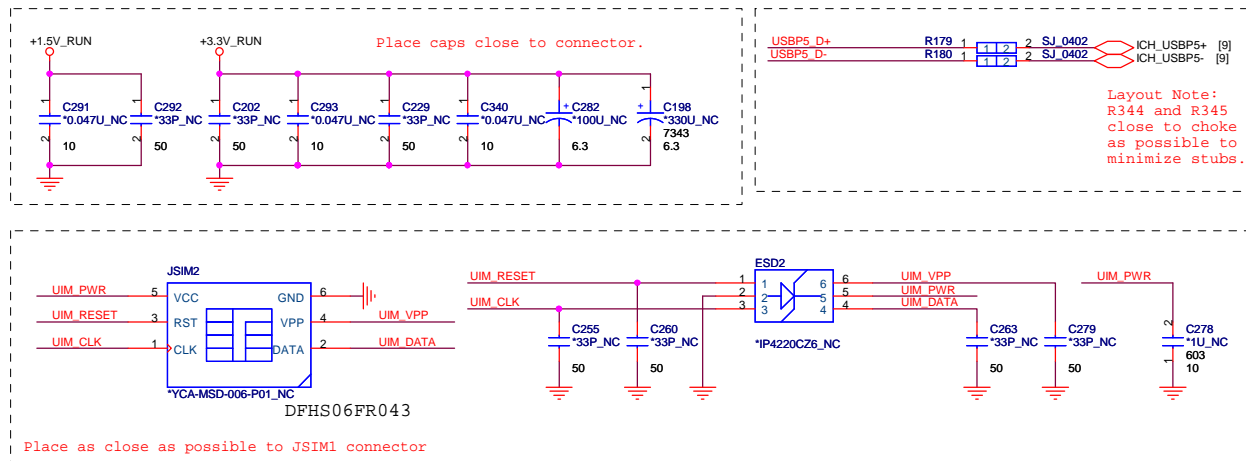
RTC BATTERY



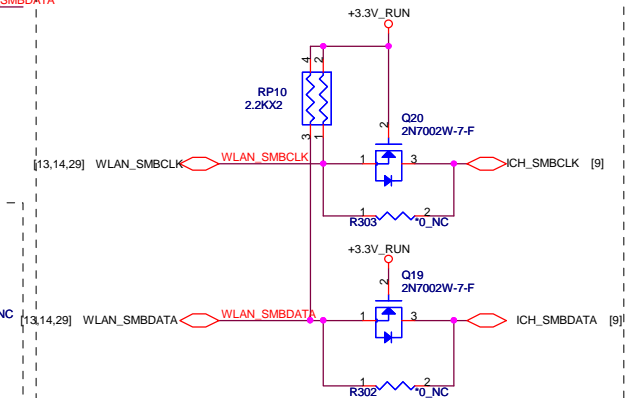
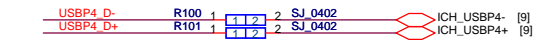
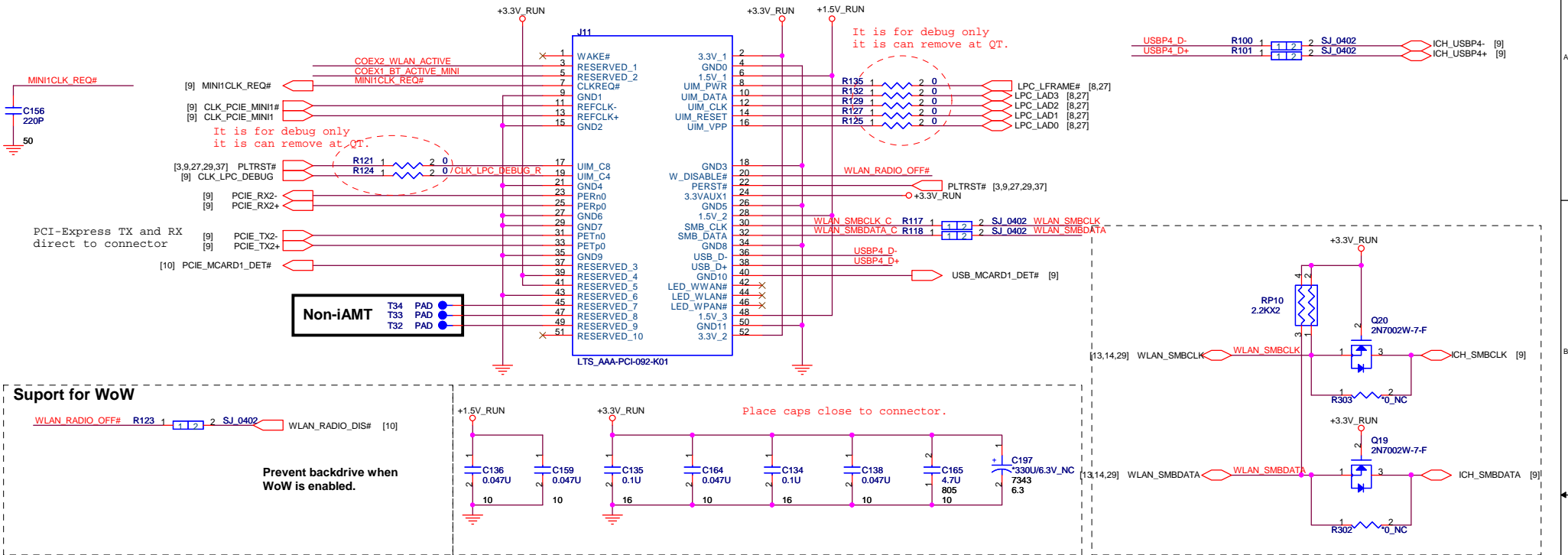
For PCH 32Mbit (4M Byte)



 <div> <h1>QUANTA</h1> <h1>COMPUTER</h1> </div>	
Title	
MINI-PCI	
Size	Document Number
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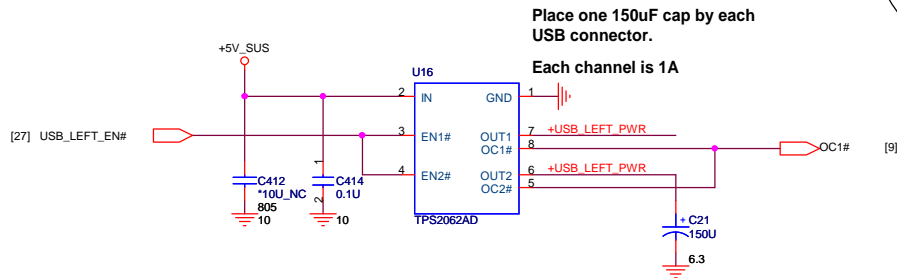
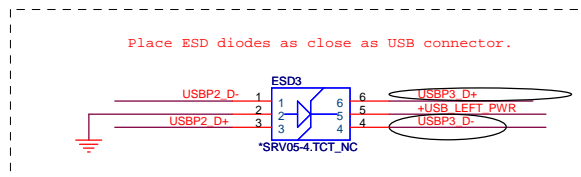
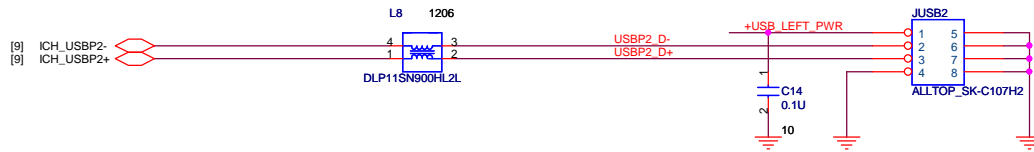


MiniCard WLAN connector



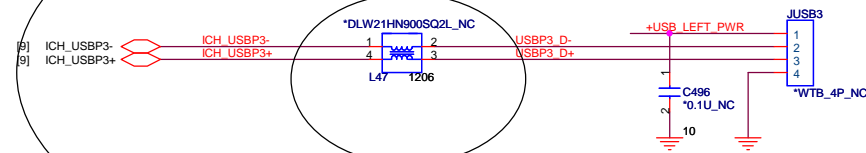
QUANTA COMPUTER

Title BT/ MINICARD		
Size	Document Number UMGB/UM6B	Rev 1A
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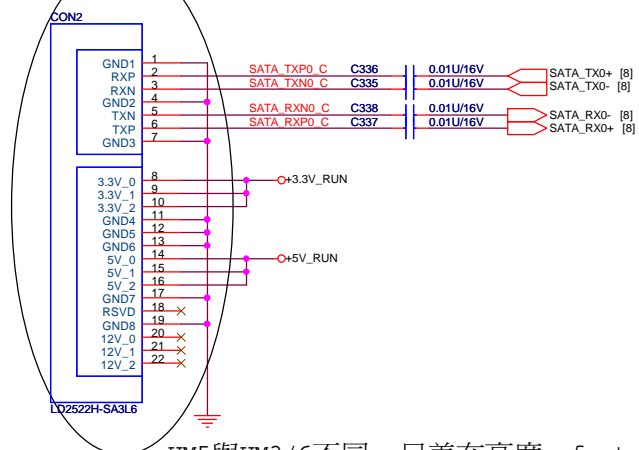
REV FOR 17"

Add L47 ,C496 , JUSB3 for UM5

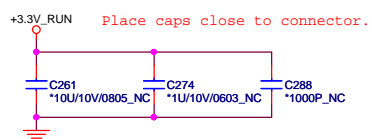


EDISON 8/10

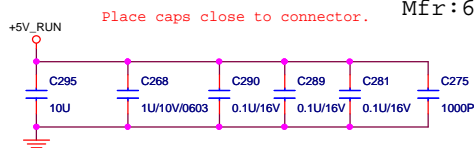
HDD Connector.



UM5與UM3/6不同，只差在高度，footprint沒變

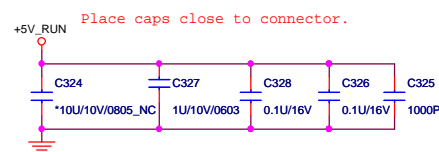
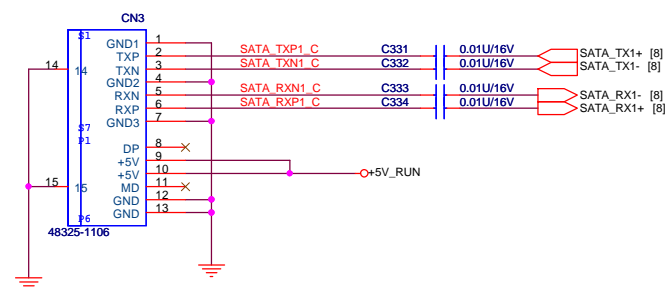


UM5/UM5B
PN:DFHS22FR137
Mfr:67492-1224

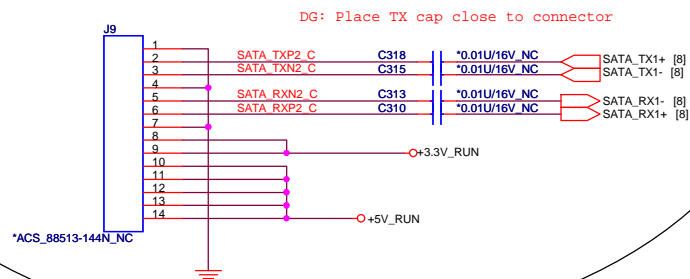


UM3/UM3B/UM6/UM6B
PN:
Mfr:67492-1730

ODD Connector



REV FOR 15.6"



DG: Place TX cap close to connector

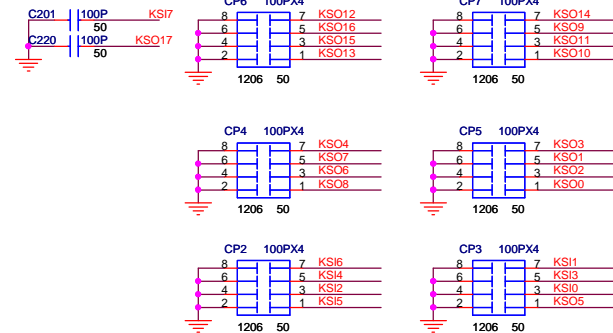
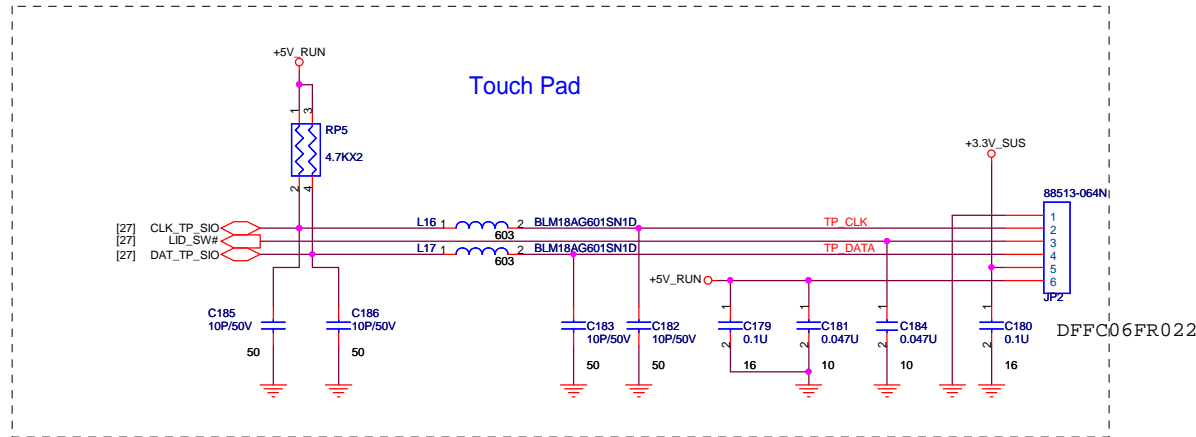
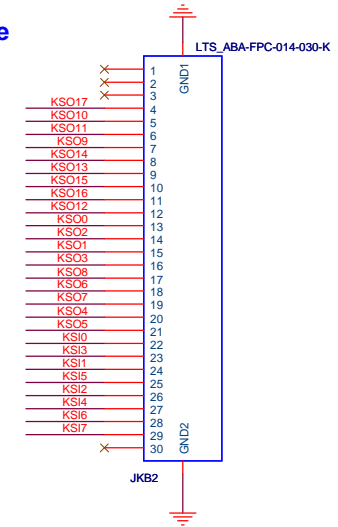


Title		
SATA (HDD&CD_ROM)		
Size	Document Number	Rev
UM3B/UM6B	UM3B/UM6B	1A
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KEYBOARD CONNECTOR

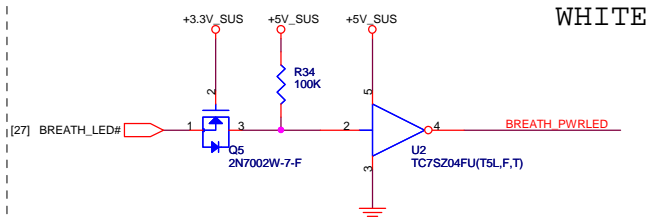
Top side

[27] KSO[0..17]
[27] KSI[0..7]



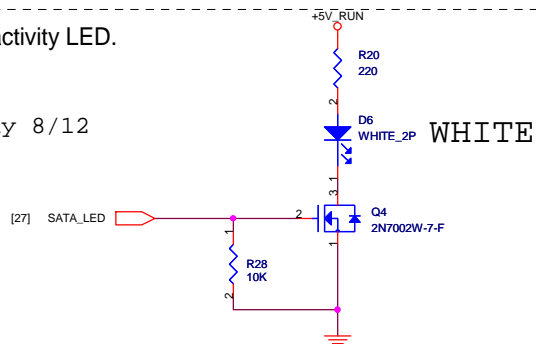
Title TOUCH PAD, KB CONN	
Size	Document Number UMGB/UM6B
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Sheet 33	of 59

Power



HDD activity LED.

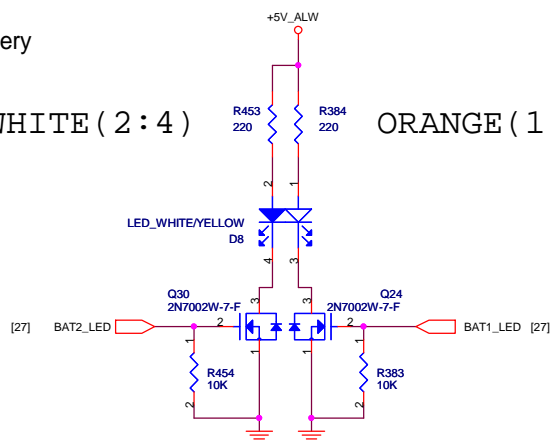
Ray 8/12



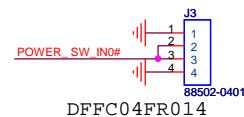
Battery

```
WHITE ( 2 : 4 )
```

ORANGE (1 : 3)

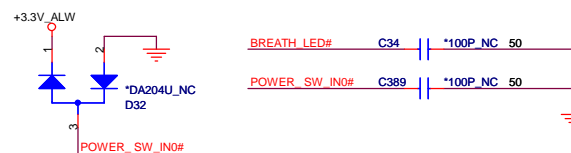
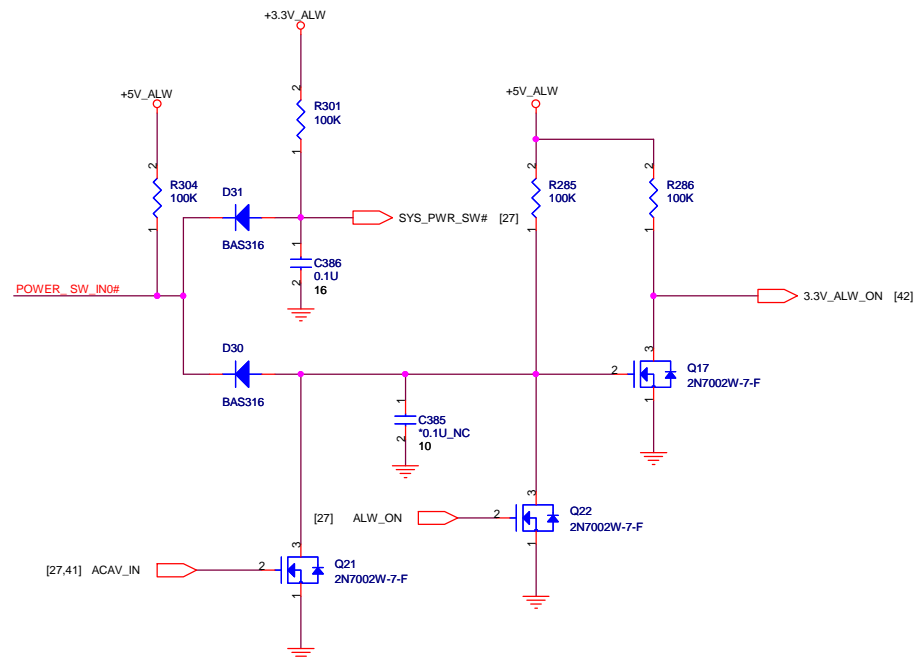


Power button Cable



PIN2,3 connect to POWER_ SW_IN0#

3VALW ON POWER LOGIC



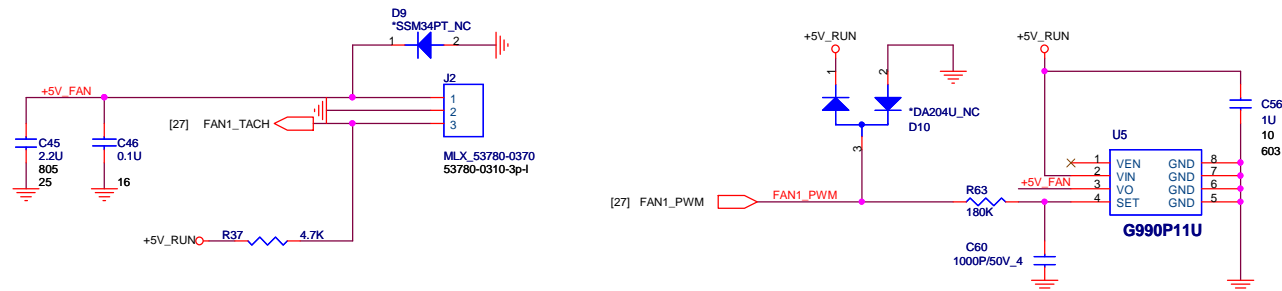
Title SWITCH, KEYBOARD & LED&Touch Screen Module

Size	Document Number UM3B/UM6B
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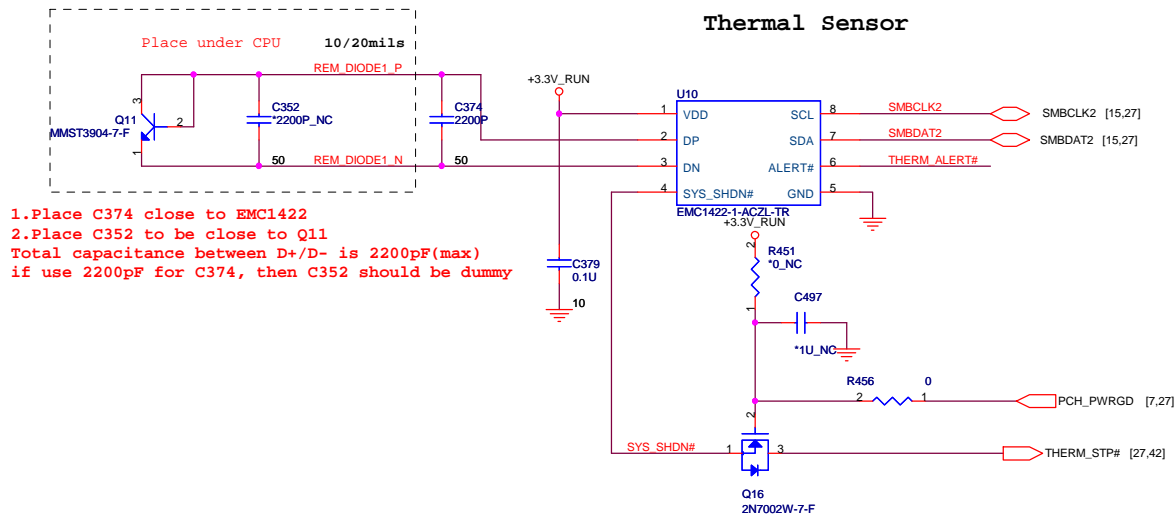
Rev
1A

FAN CONTROL

6/23 COPY FROM RM6

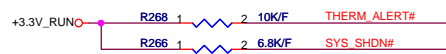


Thermal Sensor

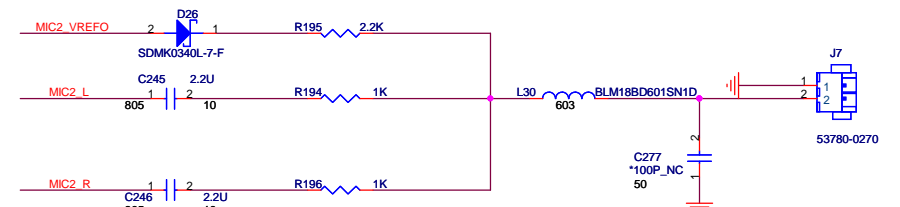
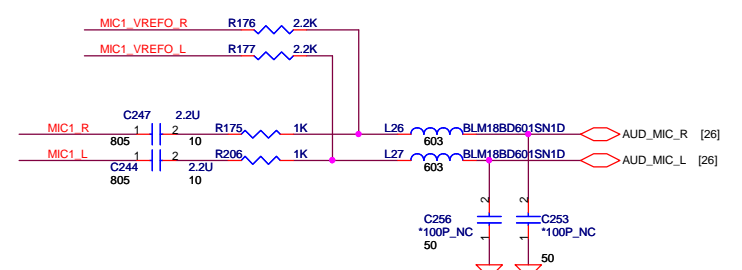
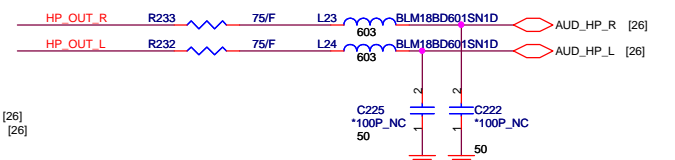
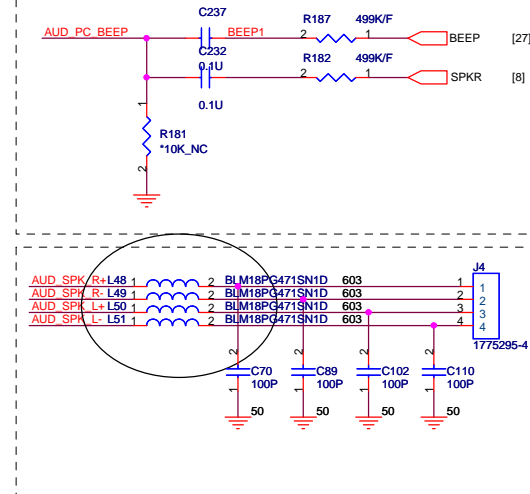
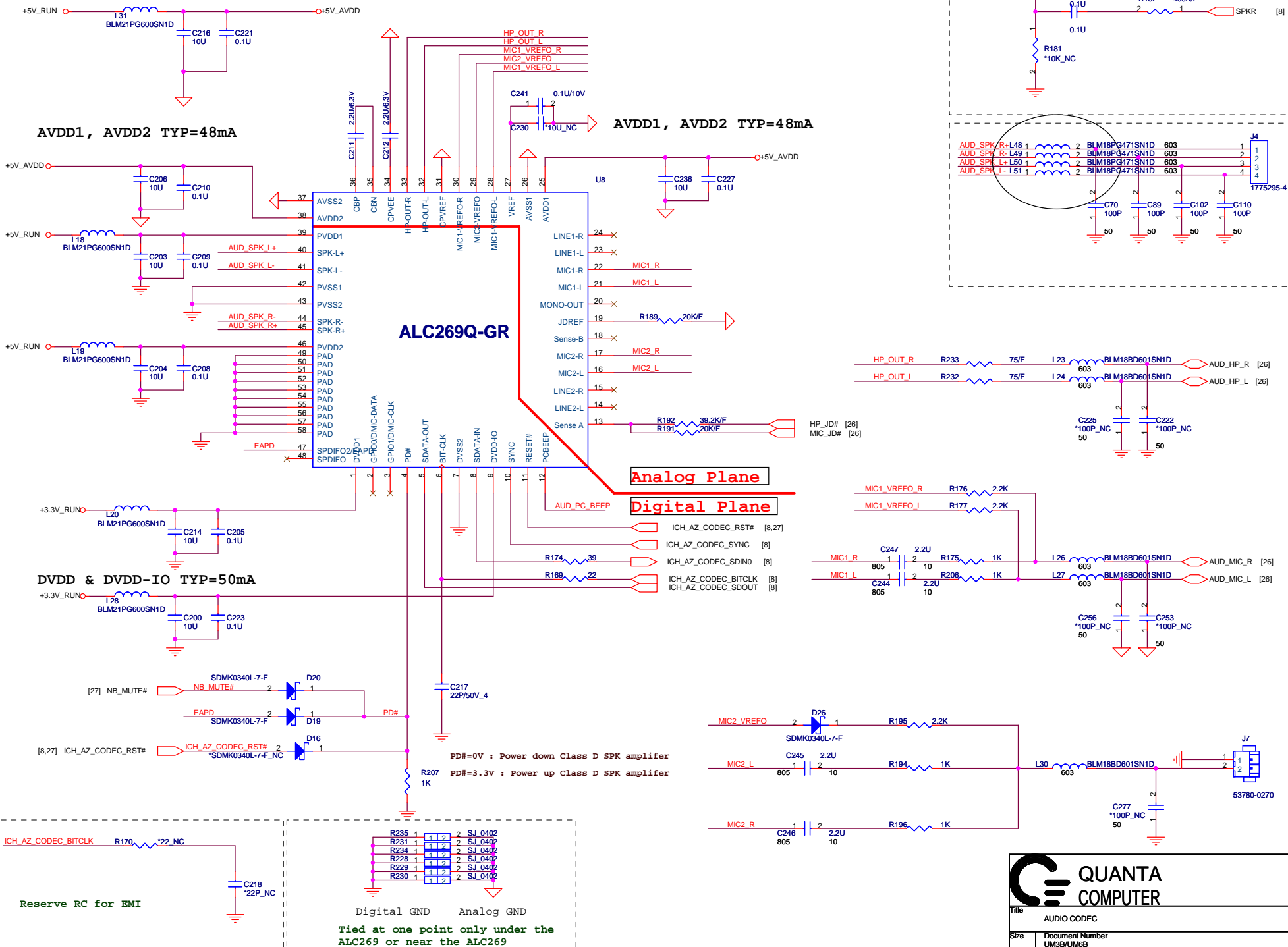


- 1.Place C374 close to EMC1422
 - 2.Place C352 to be close to Q11
- Total capacitance between D+/D- is 2200pF(max)
if use 2200pF for C374, then C352 should be dummy

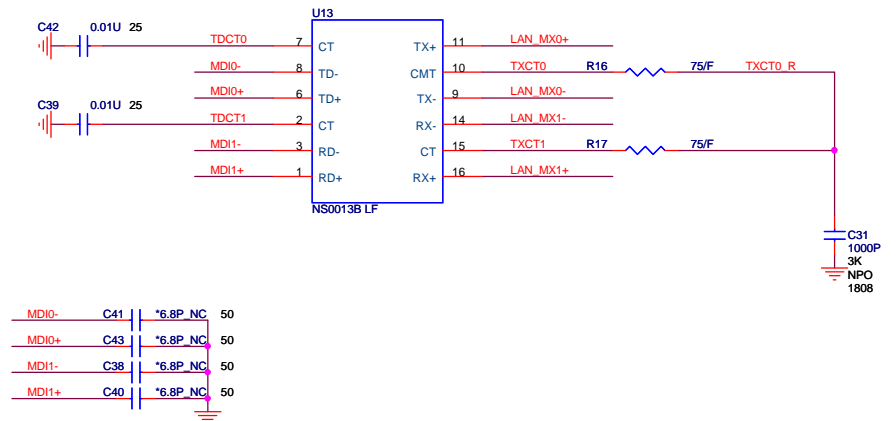
OTP 85 degree C



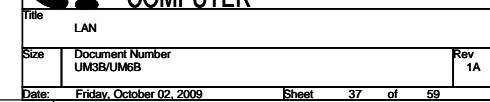
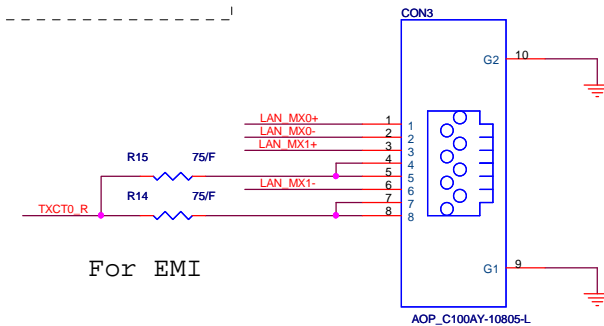
Title FAN & THERMAL		
Size	Document Number UMGB/UM6B	Rev 1A
Date:	Friday, October 02, 2009	Sheet 35 of 59



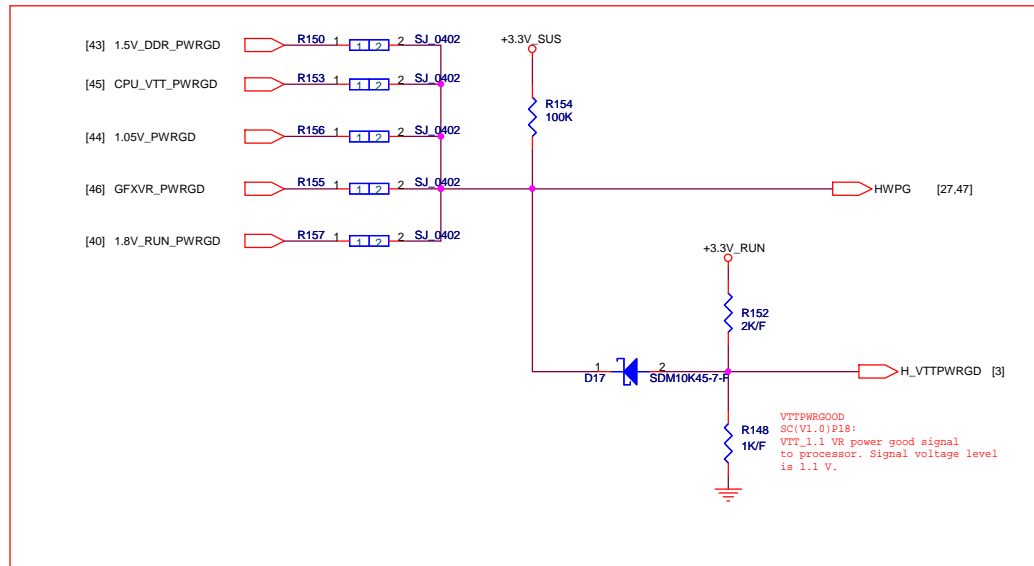
QUANTA COMPUTER	
Title	AUDIO CODEC
Size	Document Number UM35/UM6B
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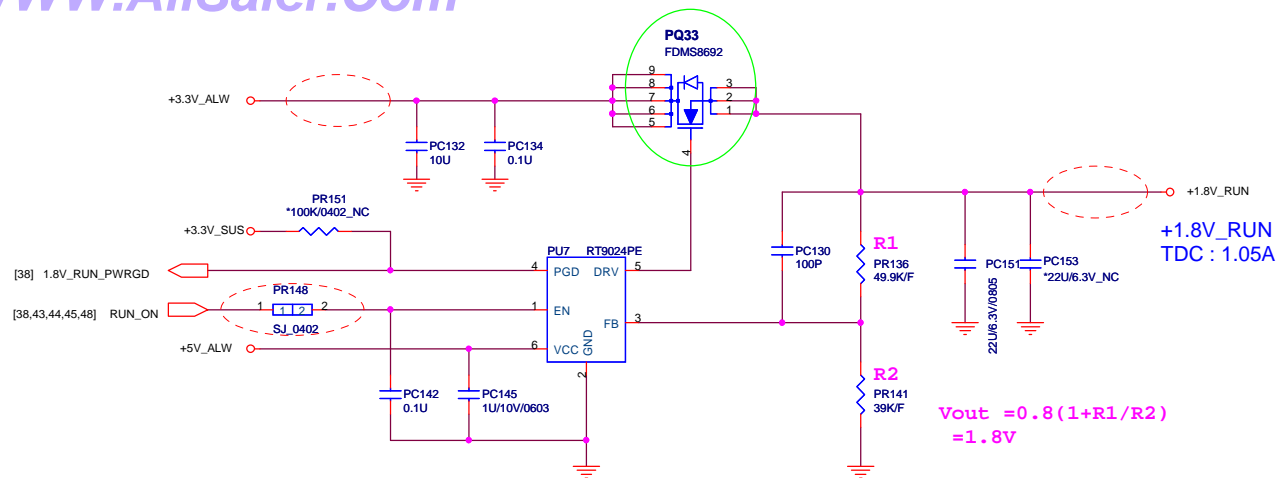
```
| ISOLATEB
| Datasheet(V1.4)P5:
| Used to isolate the RTL8111DL
| from the PCI-E bus. RTL8111DL will not drive
| its PCI-E outputs(excluding LANWAKEB)
| and will not sample its PCI-E input
| as long as the isolate pin is asserted.
| Realtek feed back:
| 進入 S3,S4,S5要
| 拉low 離開S3,S4,S5要拉high for WOL support
```

RJ-45 Connector
COPY FROM UM2

[27] RUN_ON_1 R32 1 1 2 SJ_0402 RUN_ON [40,43,44,45,48]



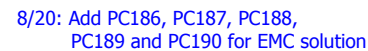
 QUANTA COMPUTER		
Title Battery Selector		
Size	Document Number UMGB/UMGB	Rev 1A
Date:	Wednesday, September 30, 2009	Sheet 39 of 59



+1.8V_RUN for CPU and PCH 1.8V

09/08: remove PJP11 and PJP18, change PR148 from 0 ohm to shot jump

Title		
+1.8V_RUN_GFX (RT9024PE) & +1.8V_RUN(RT9018B)		
Size	Document Number UMGB/UMGB	Rev 1A
Date:	Friday, October 02, 2009	Sheet 40 of 59



8/4: Change PQ30 and PQ25 from AO4496 to FDS8884

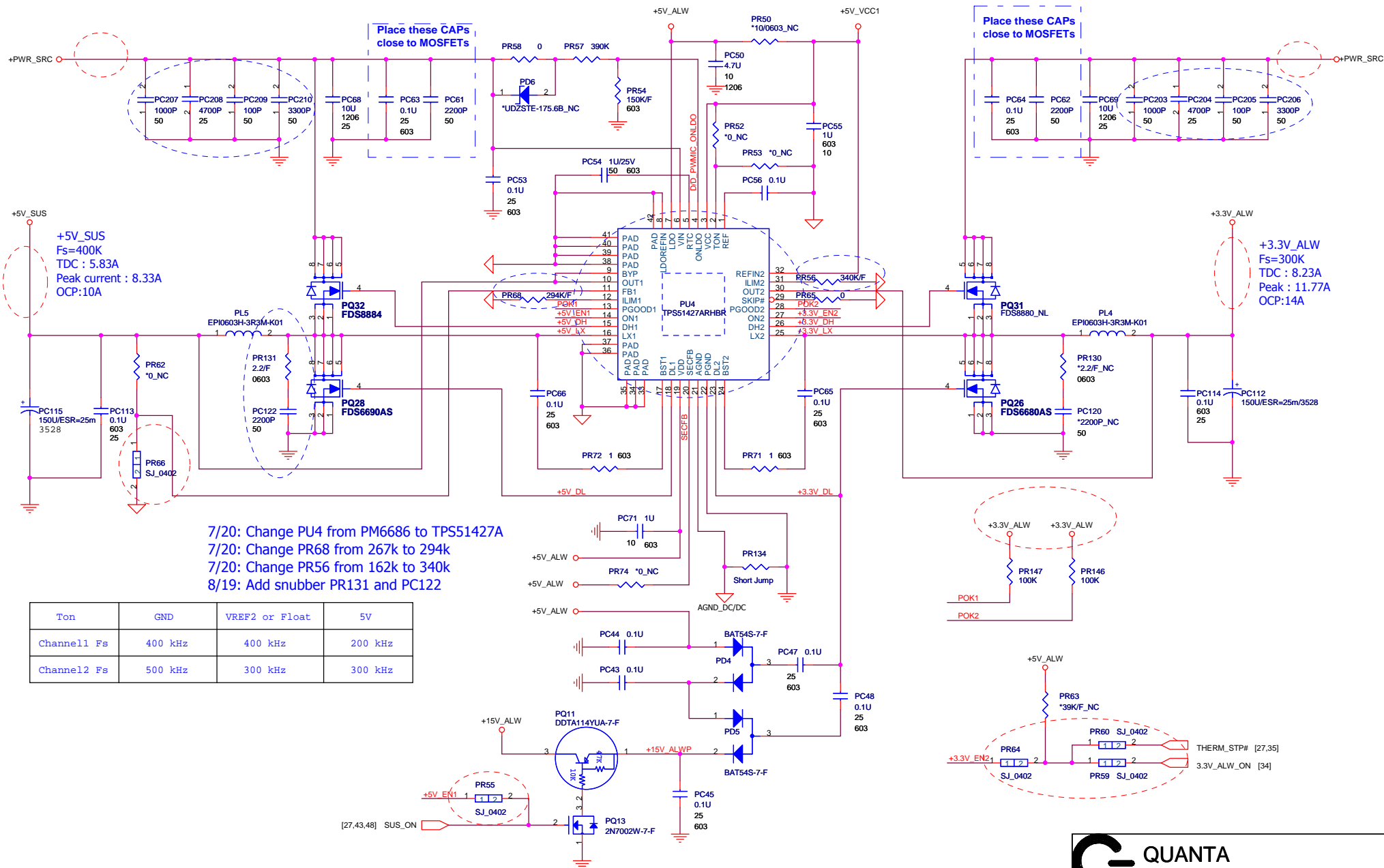
09/08: change PR152 from 0 ohm to shot jump

09/08: change PR59, PR60, PR64, PR66, PR55 from 0 ohm to shot jump

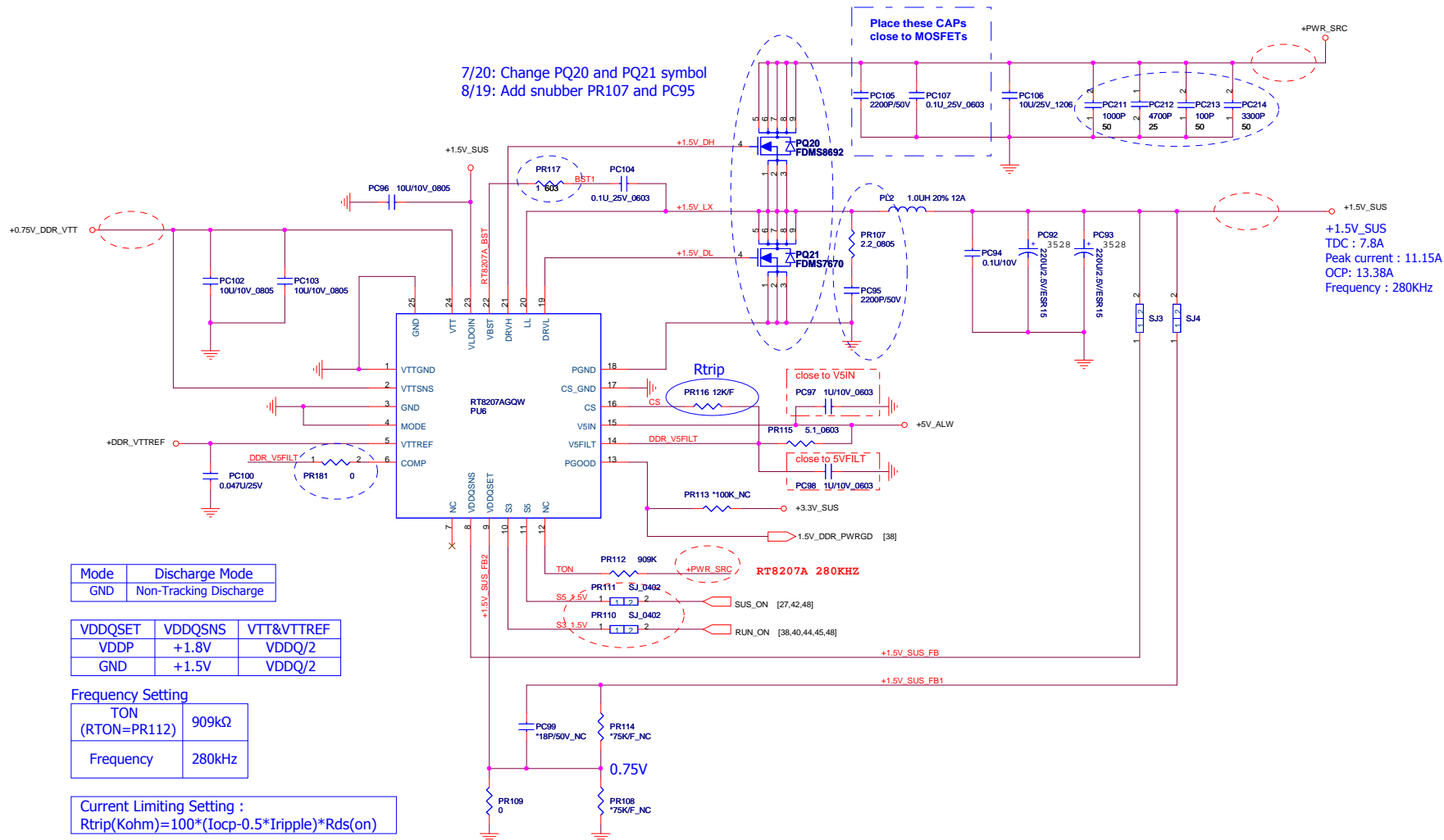
09/08: remove PJP8, PJP9, PJP12 and PJP15

8/20: Add PC207, PC208, PC209 and PC210
for EMC solution

8/20: Add PC203, PC204, PC205 and PC206
for EMC solution



8/20: Add PC211, PC212, PC213 and PC214 for EMC solution

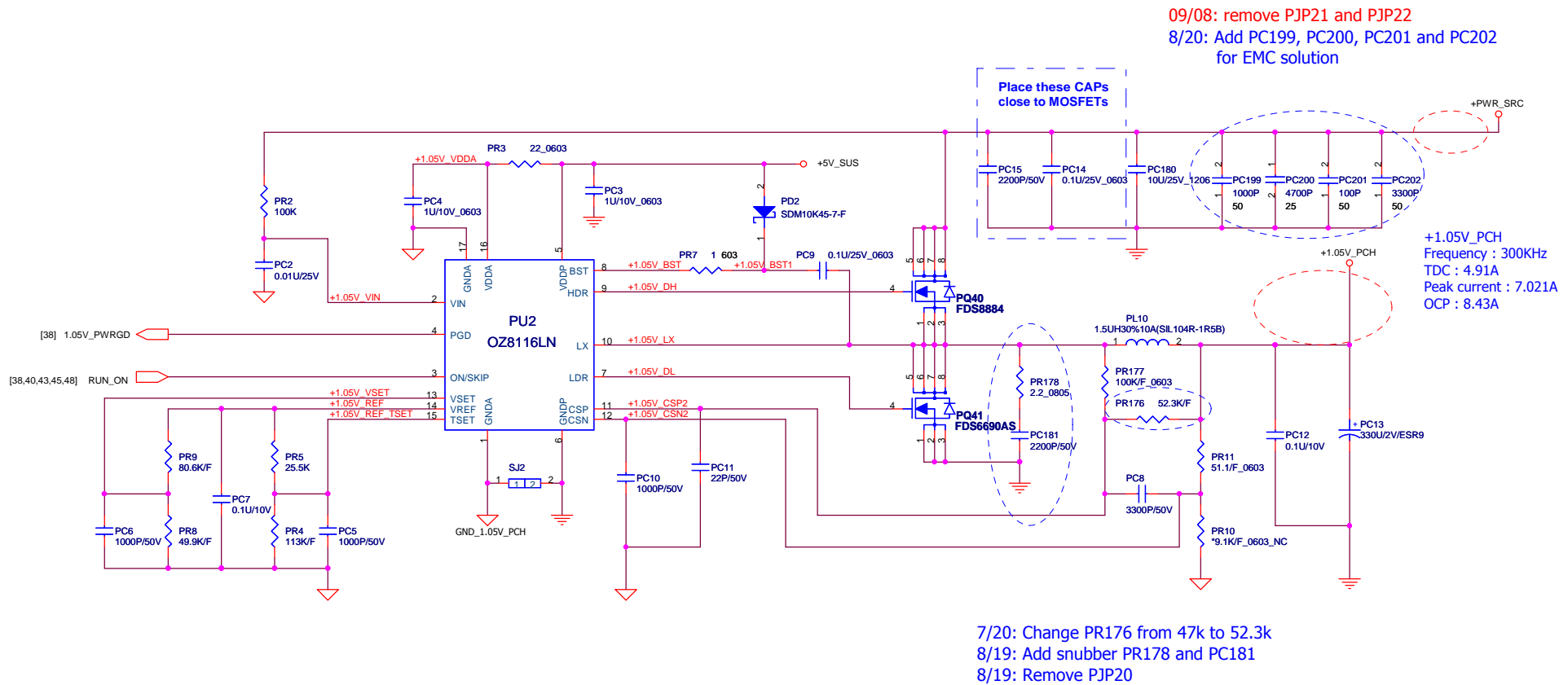


Mode	Discharge Mode
GND	Non-Tracking Discharge

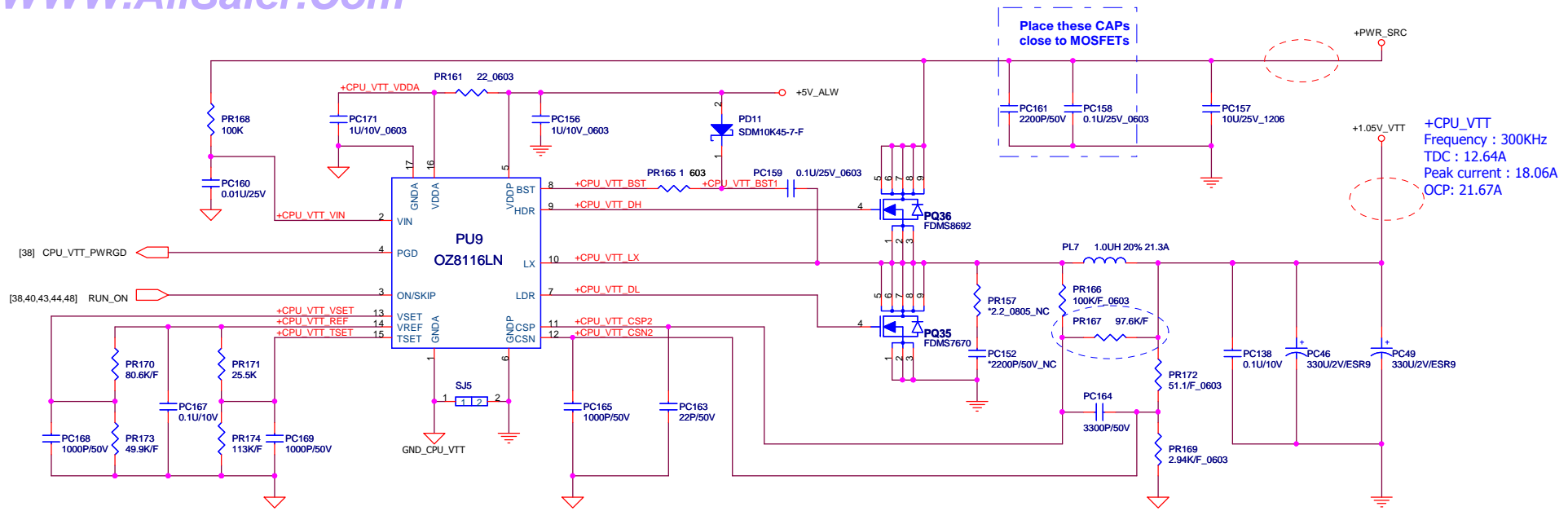
VDDQSET	VDDQSNS	VTT&VTTREF
VDDP	+1.8V	VDDQ/2
GND	+1.5V	VDDQ/2

Frequency Setting	
TON (RTON=PR112)	909kΩ
Frequency	280kHz

$$R_{trip(Kohm)} = 100 * (I_{ocp} - 0.5 * I_{ripple}) * R_{ds(on)}$$



Title		<Title>
Size	Document Number	Rev
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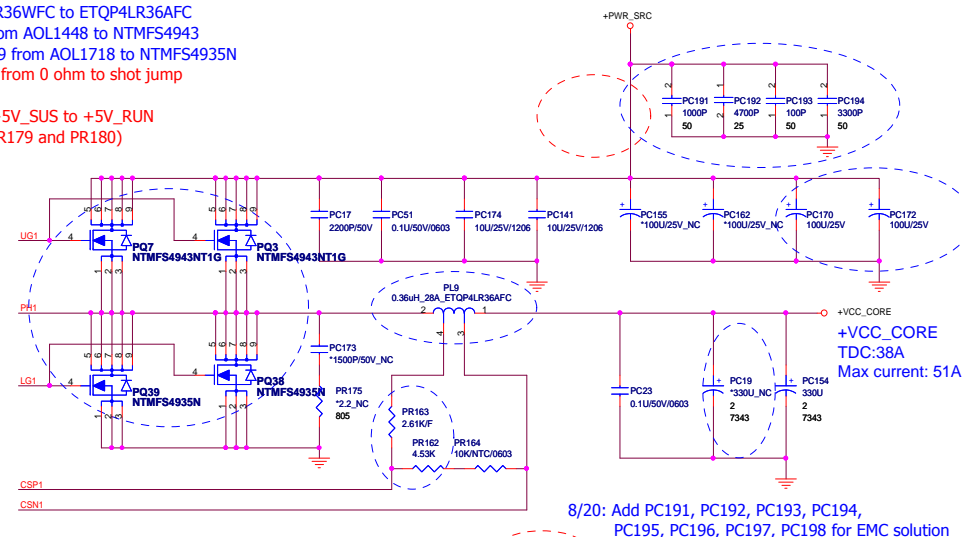
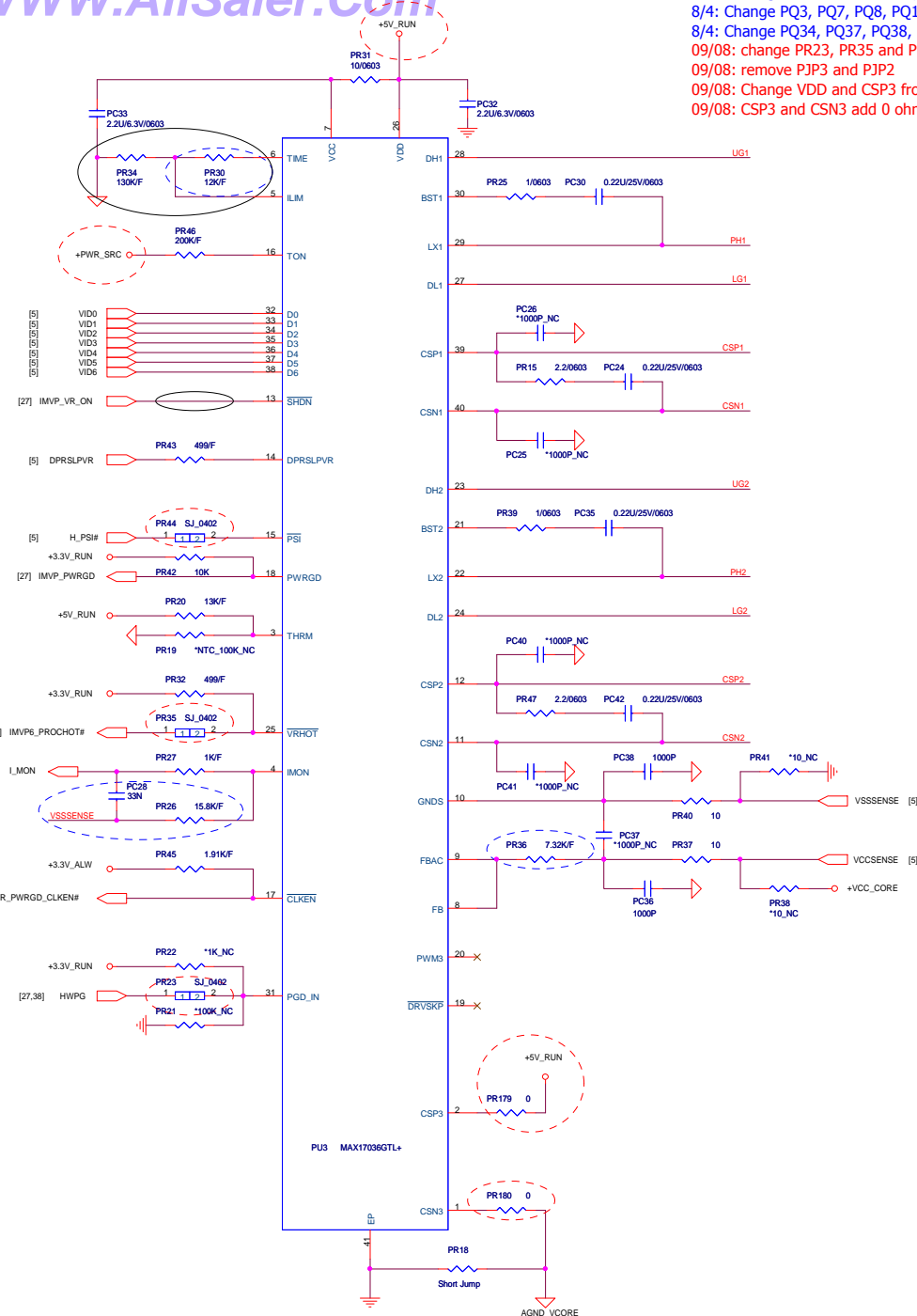


7/20: Change PR167 from 47k to 97.6k
09/08: remove PJP14, PJP17 and PJP19

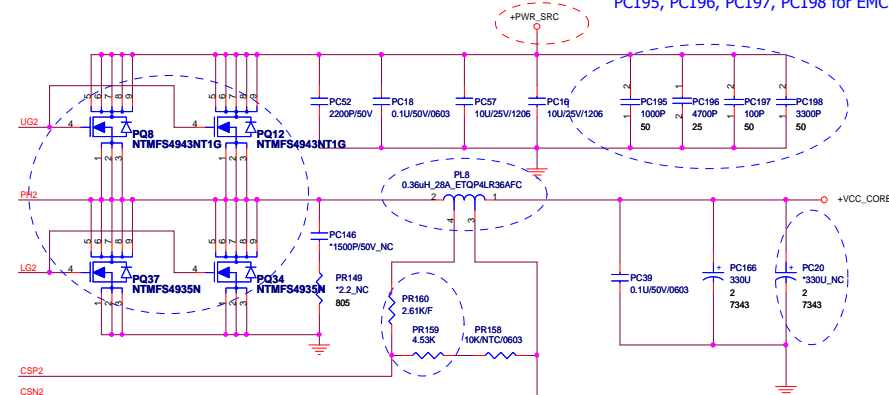
PQ29 from BAM67040000 to BAM48330000



7/21: Change PL8, PL9 from ETQP4LR36WFC to ETQP4LR36AFC
8/4: Change PQ3, PQ7, PQ8, PQ12 from AOL1448 to NTMF54943
8/4: Change PQ34, PQ37, PQ38, PQ39 from AOL1718 to NTMF54935N
09/08: change PR23, PR35 and PR44 from 0 ohm to shot jump
09/08: remove PJP3 and PJP2
09/08: Change VDD and CS3 from +5V_SUS to +5V_RUN
09/08: CS3 and CSN3 add 0 ohm (PR179 and PR180)



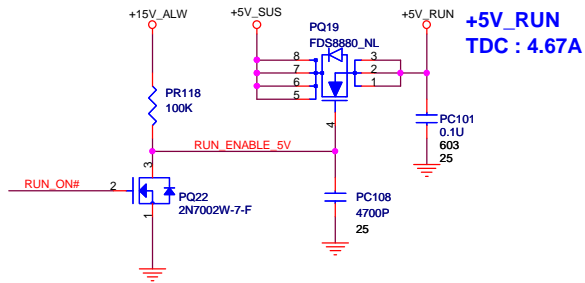
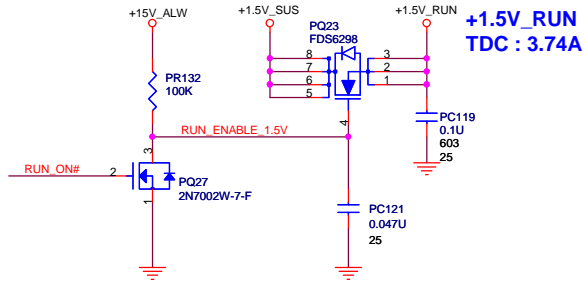
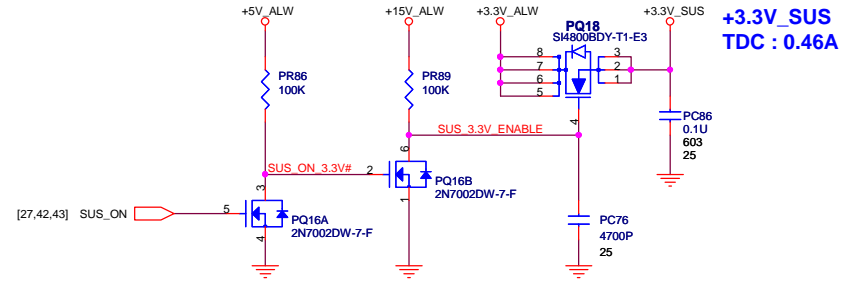
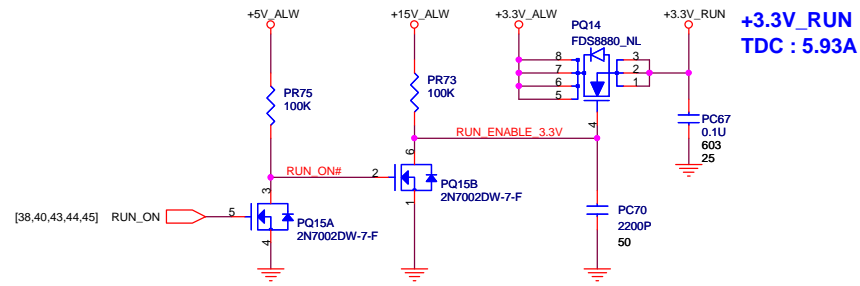
8/20: Add PC191, PC192, PC193, PC194,
PC195, PC196, PC197, PC198 for EMC solution



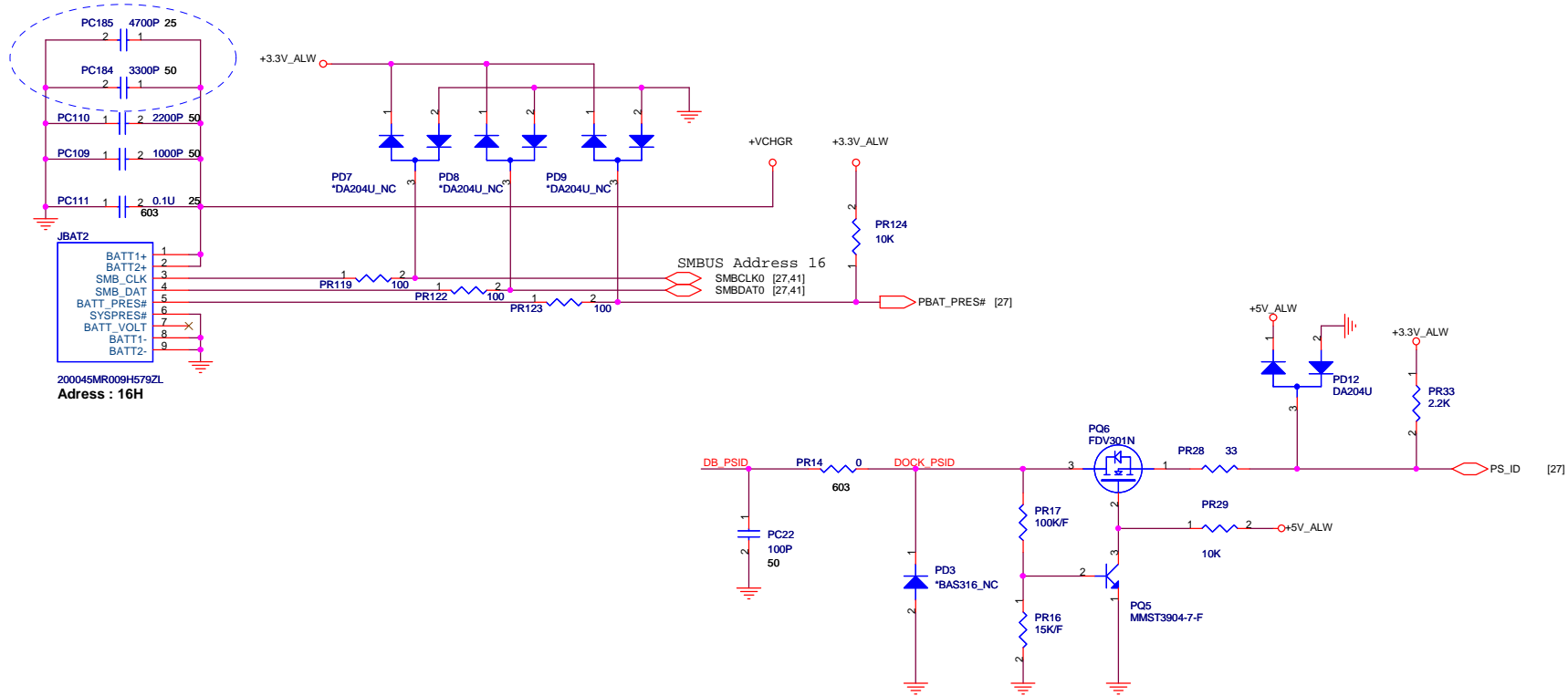
8/13: NC output cap PC19 and PC20

8/13: Change for Load Line and IMON regulator
change PR26 from 9.53k to 15.8k
change PR36 from 6.8k to 7.32k
change PR159, PR162 from 3.4k to 4.53k
change PR160, PR163 from 1.8k to 2.61k
change PC28 from 0.1uF to 33nF

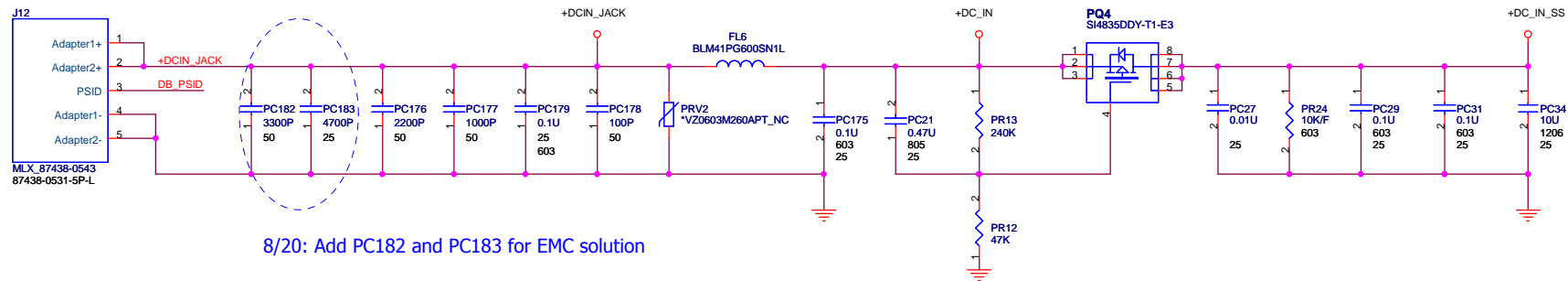
Title CPU core (MAX17036)			
Size	Document Number UM3B/UM6B		Rev 1/
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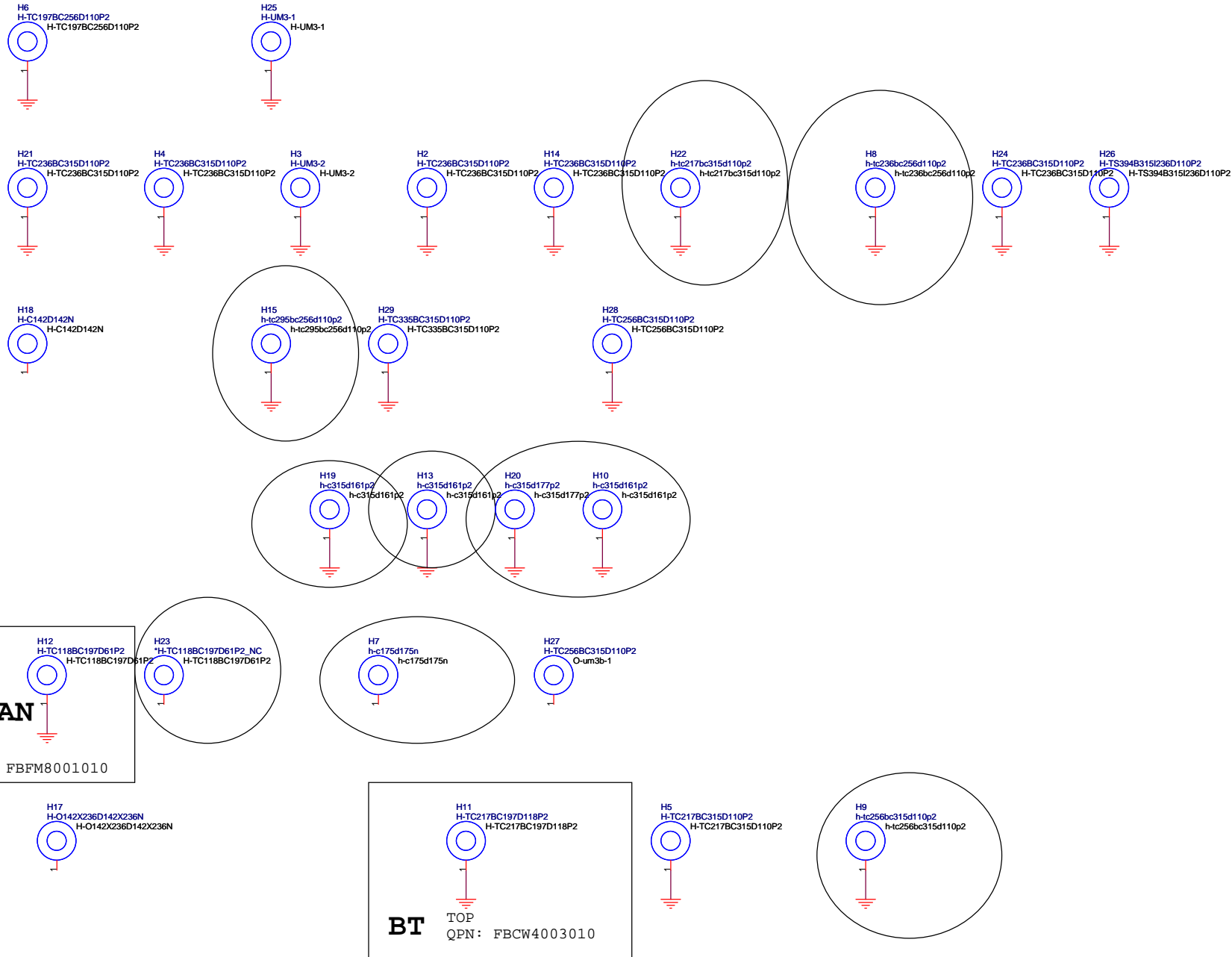
8/20: Add PC184 and PC185 for EMC solution




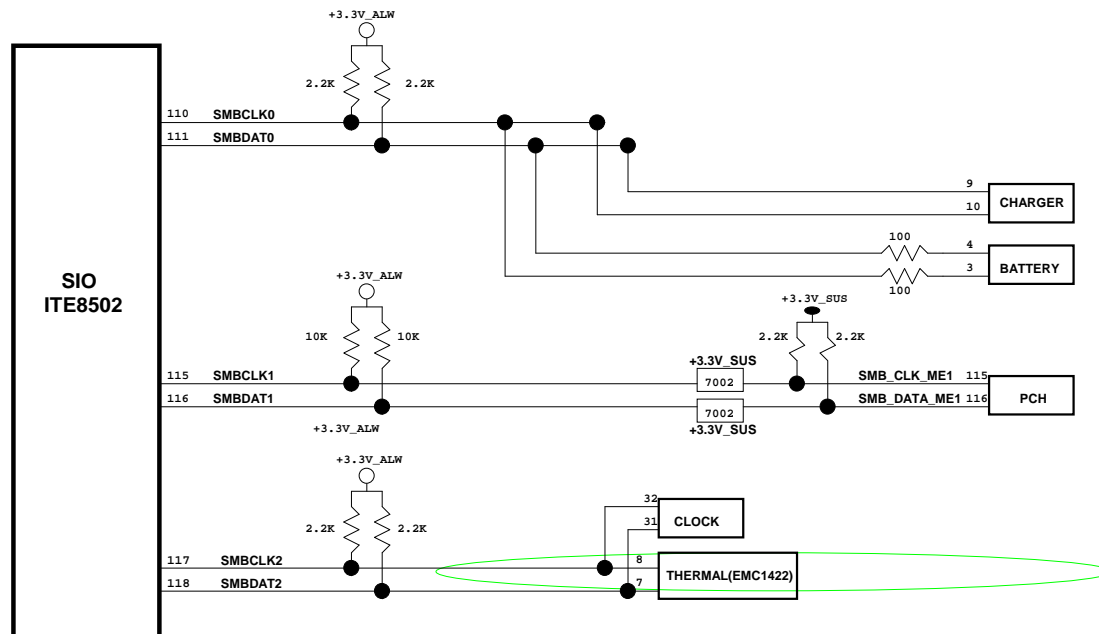
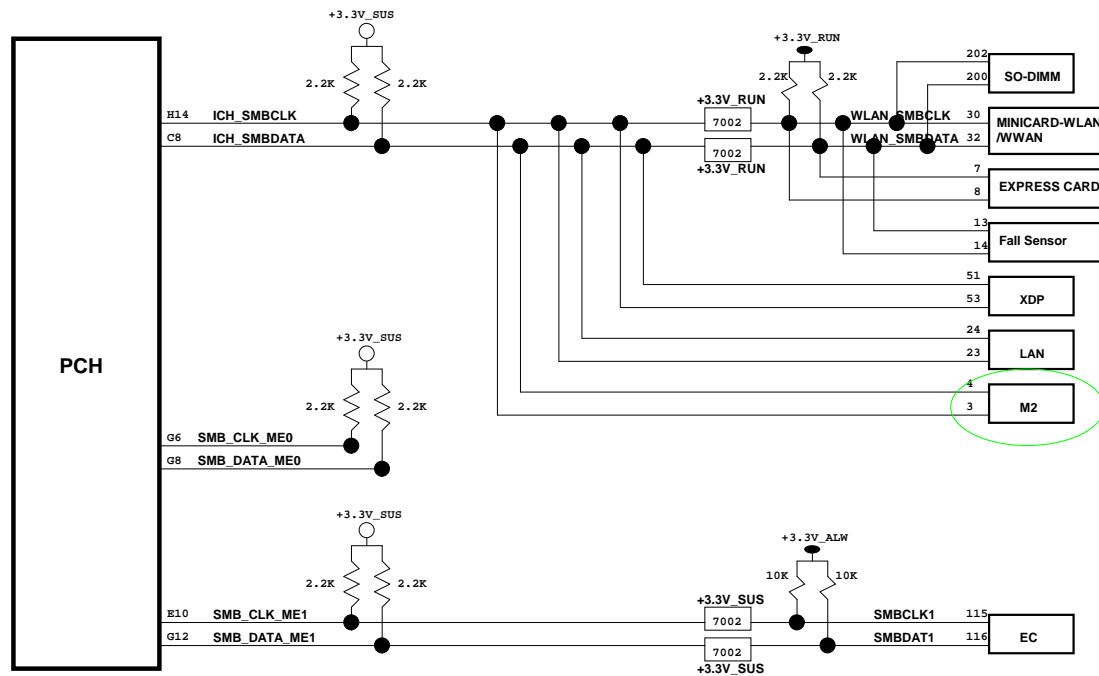
ZM1

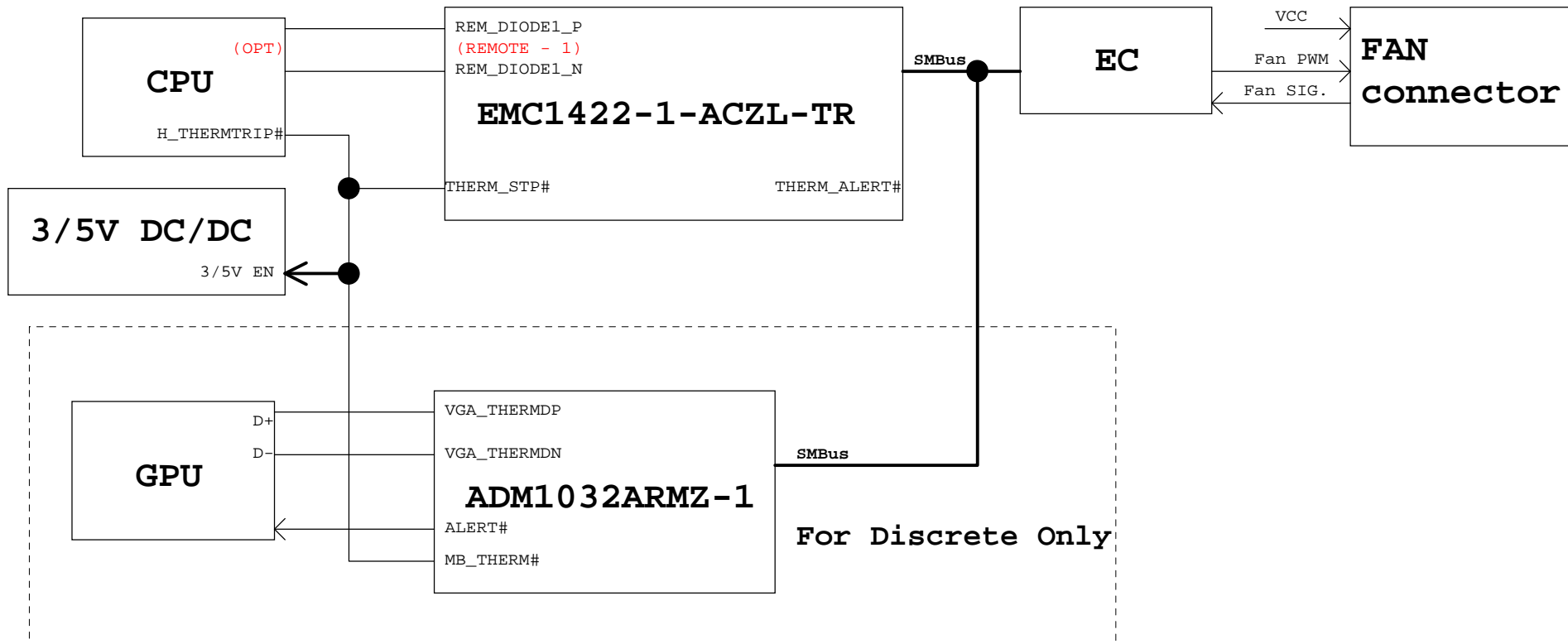


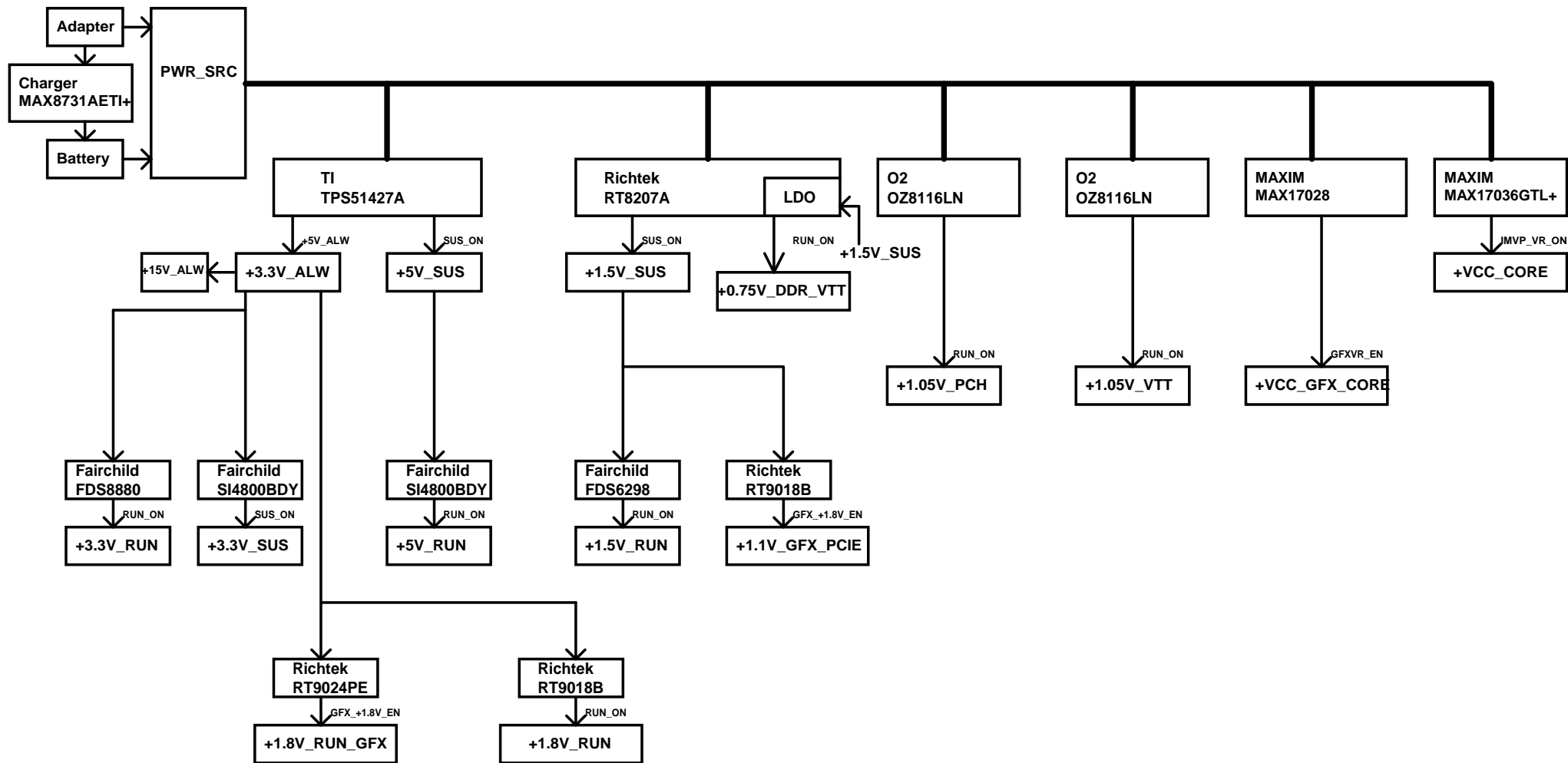
8/20: Add PC182 and PC183 for EMC solution

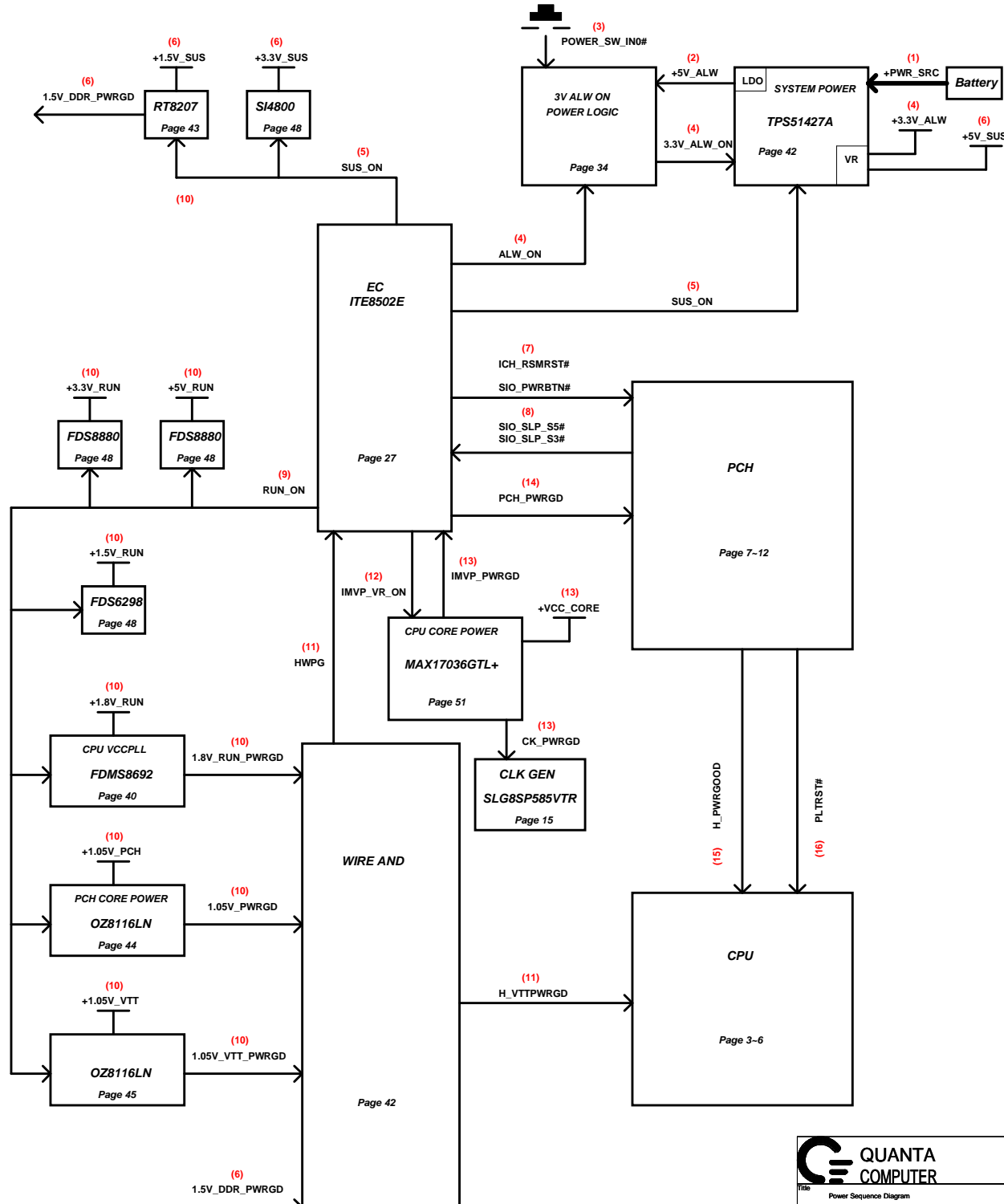


 QUANTA COMPUTER		
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- (1) +PWR_SRC
- (2) +5V_ALW
- (3) POWER_SW_IN0
- (4) 3.3V_ALW_ON, +3.3V_ALW_ON
- (5) SUS_ON
- (6) +5V_SUS, +3.3V_SUS, +1.5V_SUS, 1.5V_DDR_PWRGD
- (7) ICH_RSMRST#, SIO_PWRBTN#
- (8) SIO_SLP_S5#, SIO_SLP_S4#, SIO_SLP_S3#
- (9) RUN_ON
- (10) +5V_RUN, +3.3V_RUN, +1.5V_RUN, +1.8V_RUN, +1.05V_VTT, +1.05V_PCH & PWRGD, +0.75V_RUN
- (11) HWPG, H_VTT_PWRGD
- (12) IMVP_VR_ON
- (13) +VCC_CORE, IMVP_PWRGD, CK_PWRGD
- (14) PCH_PWRGD
- (15) H_PWRGOOD
- (16) PLTRST#

		QUANTA COMPUTER	
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