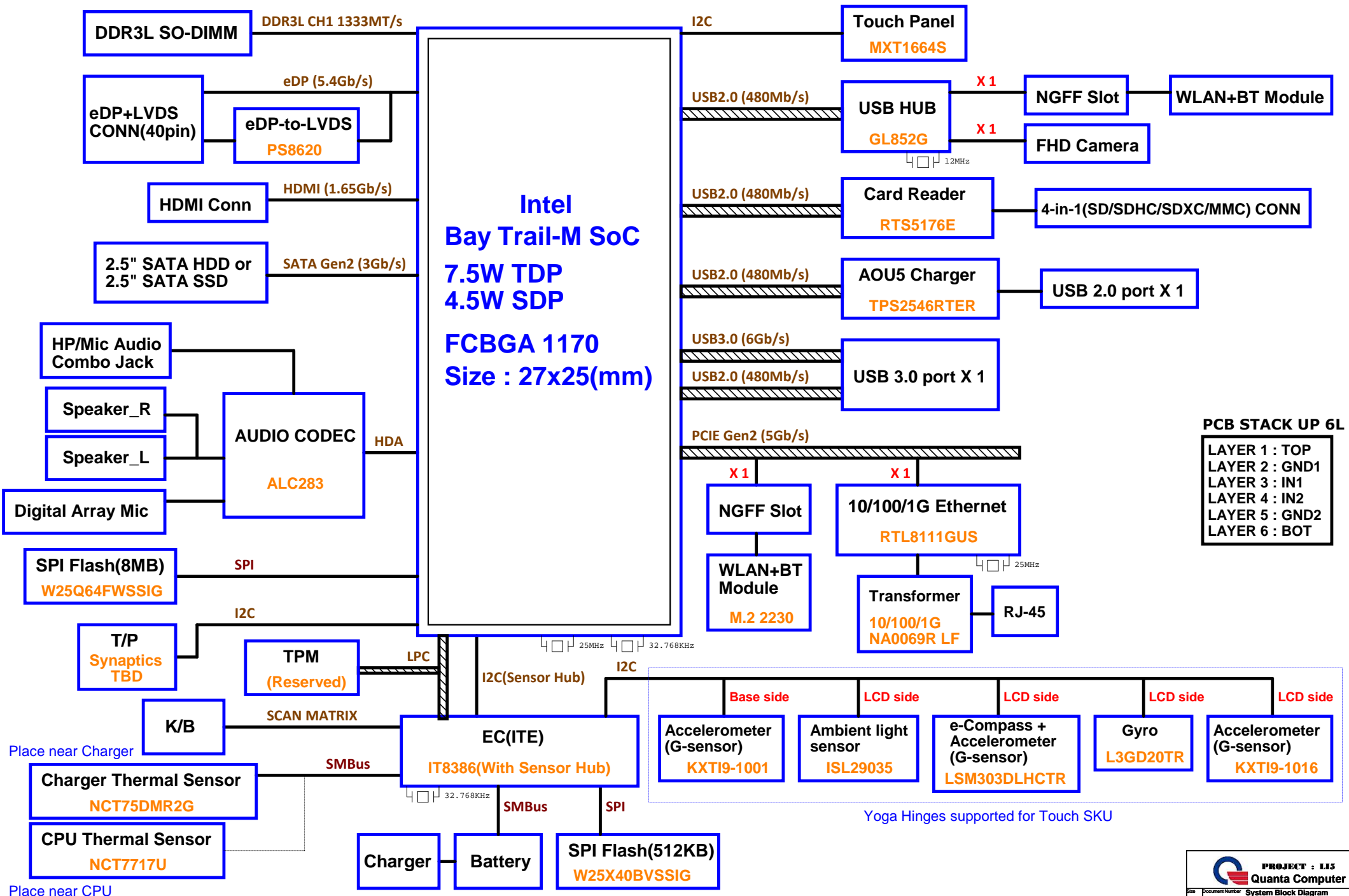
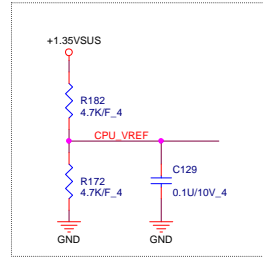
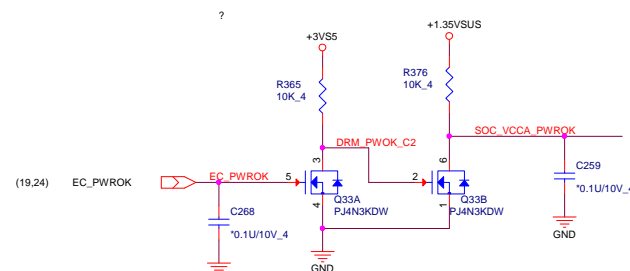
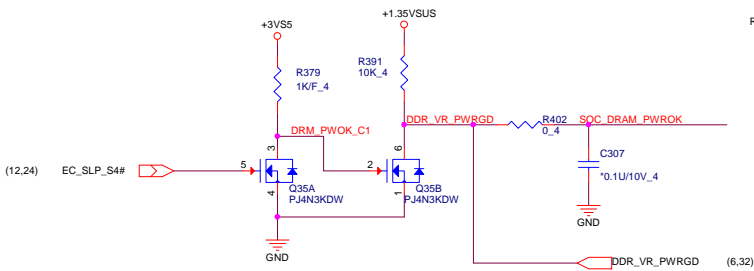
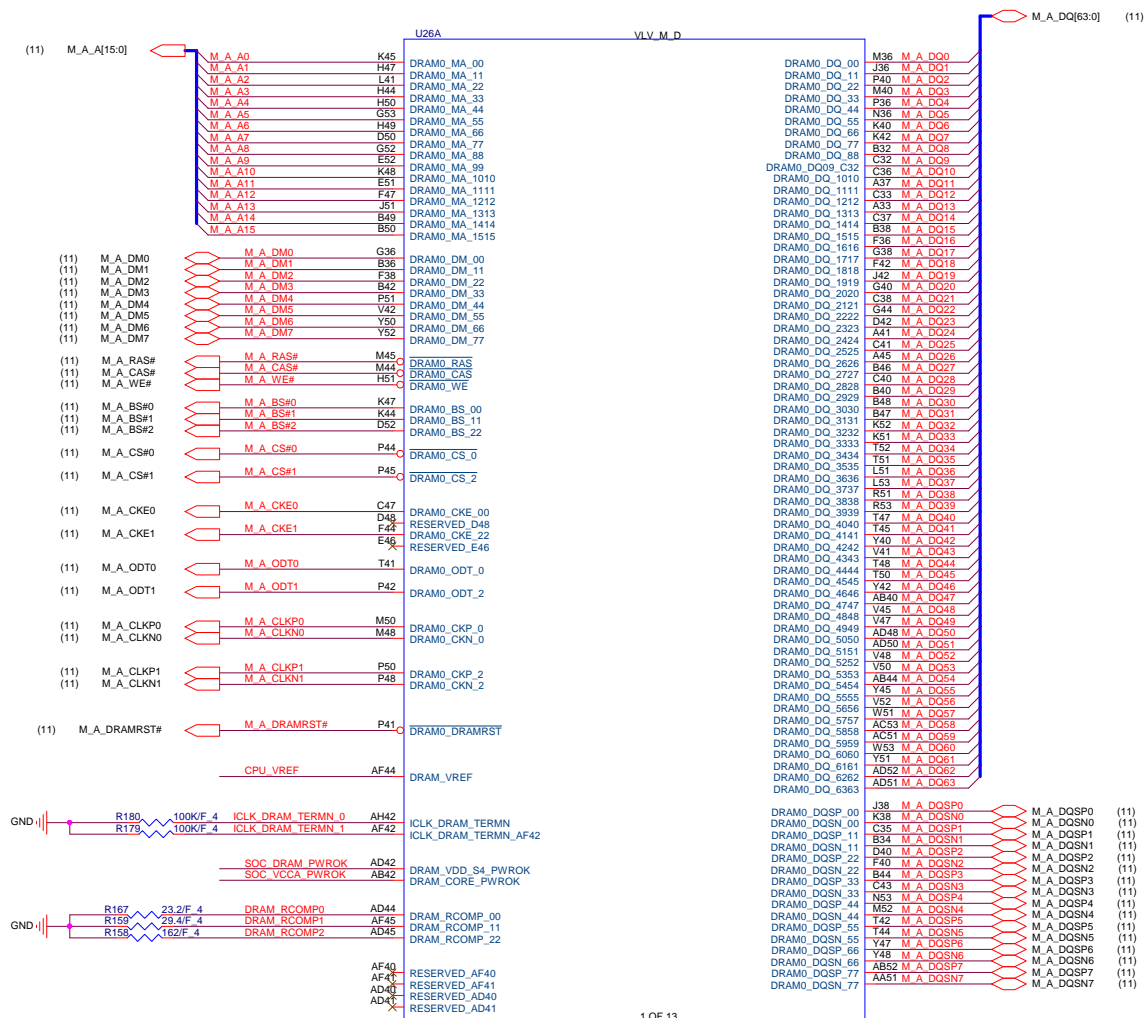


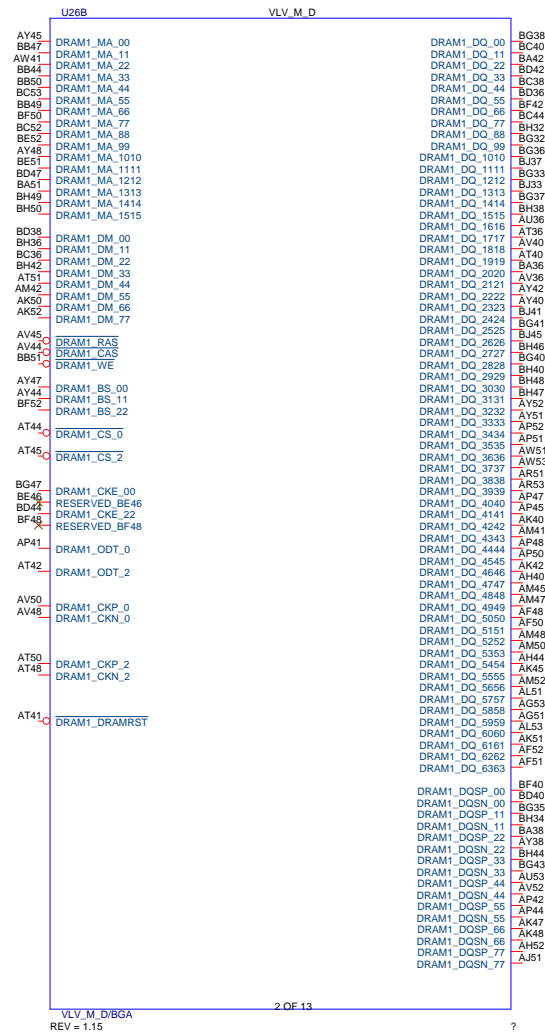
MR01 Intel Bay Trail-M Platform UMA Block Diagram (Windows)

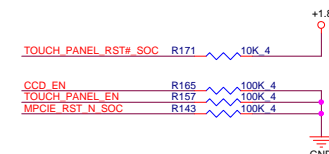


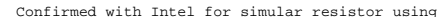


Note: PLACE TWO 4.7K RESISTORS
CLOSE TO CPU PINS ON M_VREF

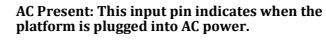


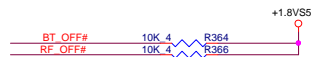






SKU	BID2	BID1	BID0
Non-Touch	X	X	0
Touch	X	X	1
I2C TP	X	0	X
PS2 TP	X	1	X

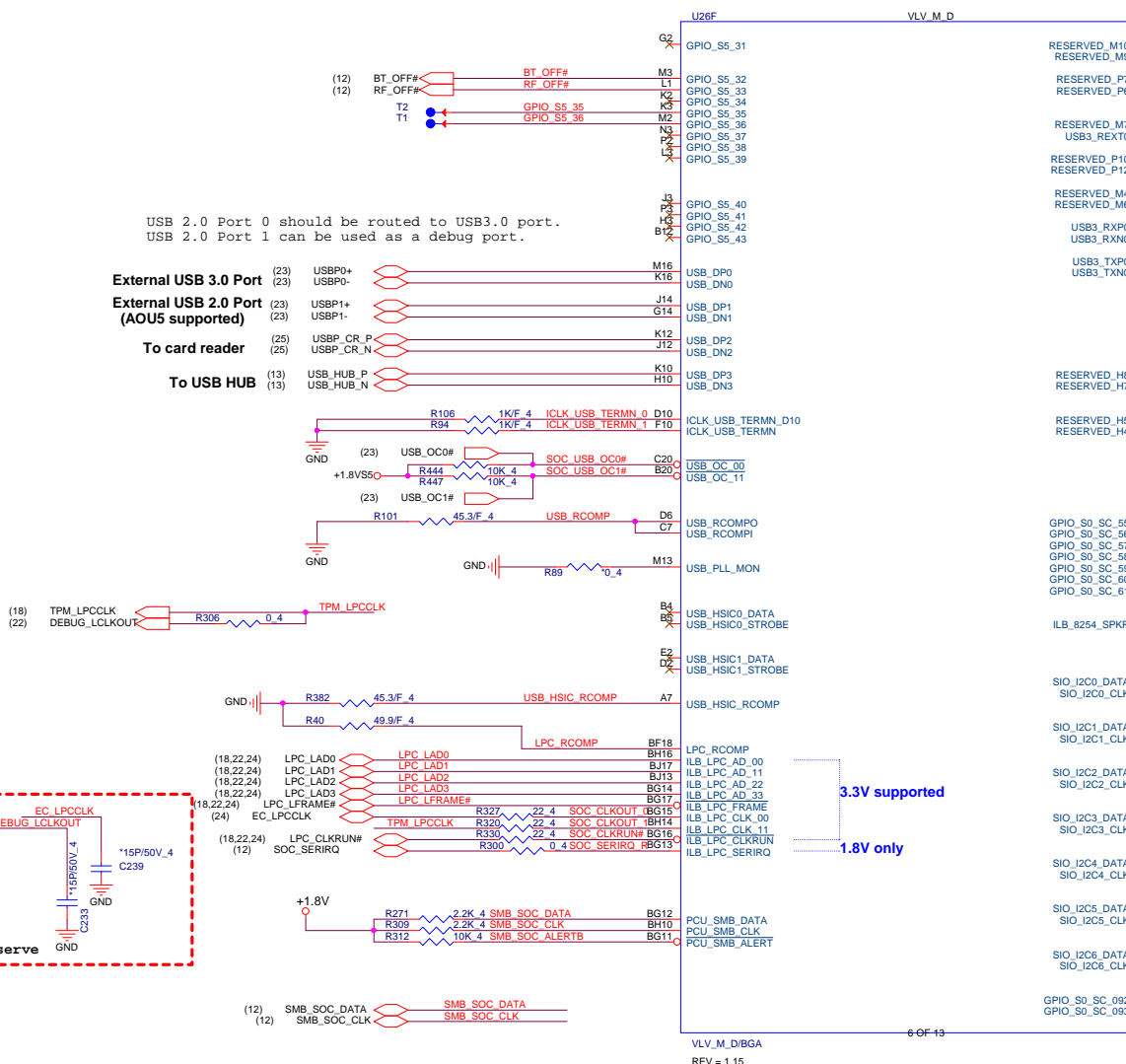
[illegible]



(6,9,12,35,36,38,39) +1.8VS5
(4,5,6,9,12,15,17,25,38,39) +1.8V
(9,11,12,13,14,15,16,18,19,20,21,22,24,25,26,29,30,32,38,39) +3.3V

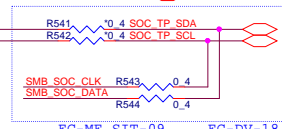
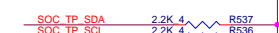
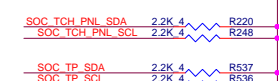
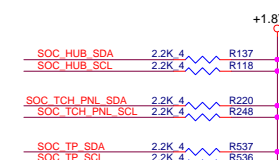


7



External USB 3.0 Port
(23) USBP0+
(23) USBP0-
External USB 2.0 Port
(23) USBP1+
(23) USBP1-
To card reader
(25) USBP_CR_P
(25) USBP_CR_N
To USB HUB
(13) USB_HUB_P
(13) USB_HUB_N

Top Swap (A16 Override)
0 = Top address bit is unchanged
1 = Top address bit is inverted

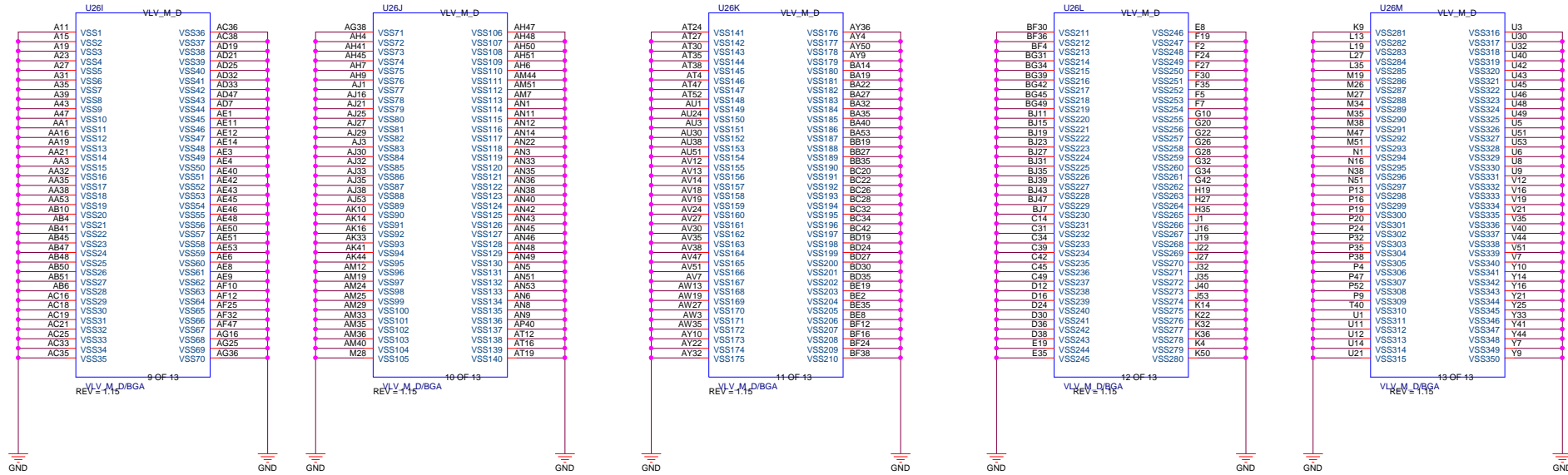


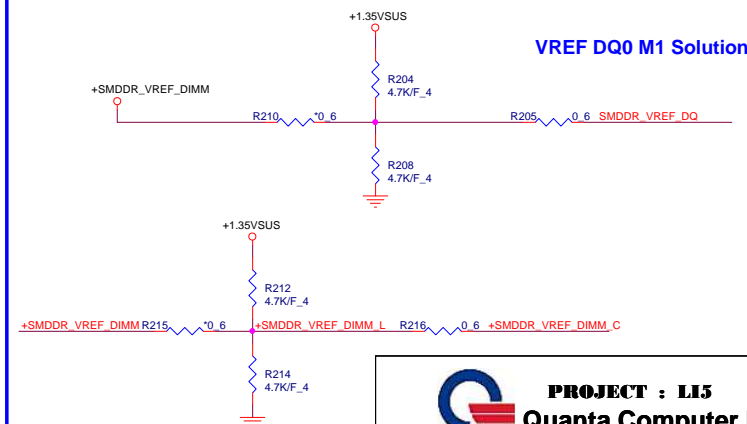
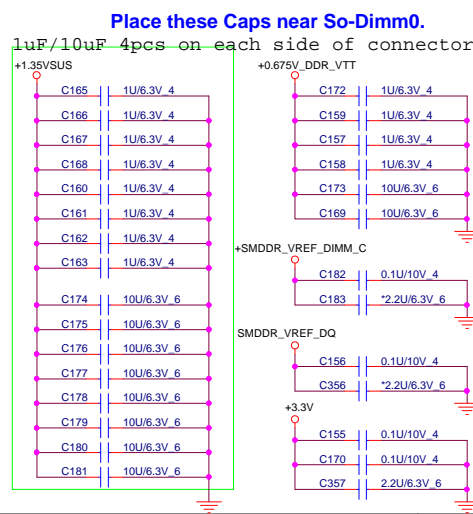
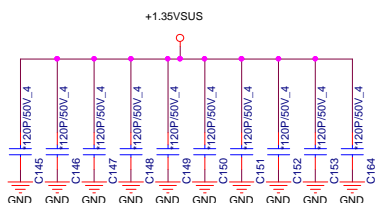
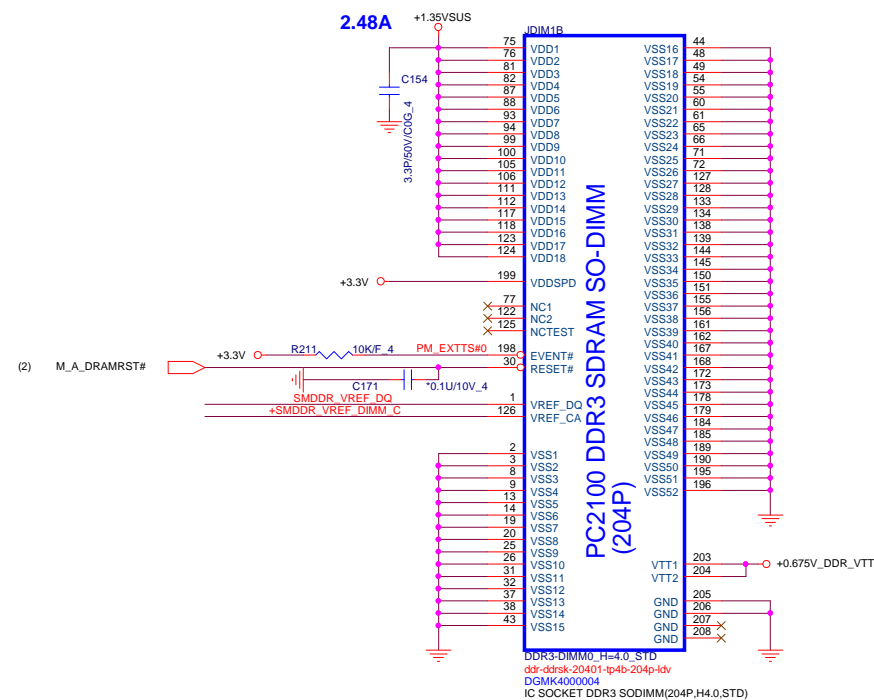
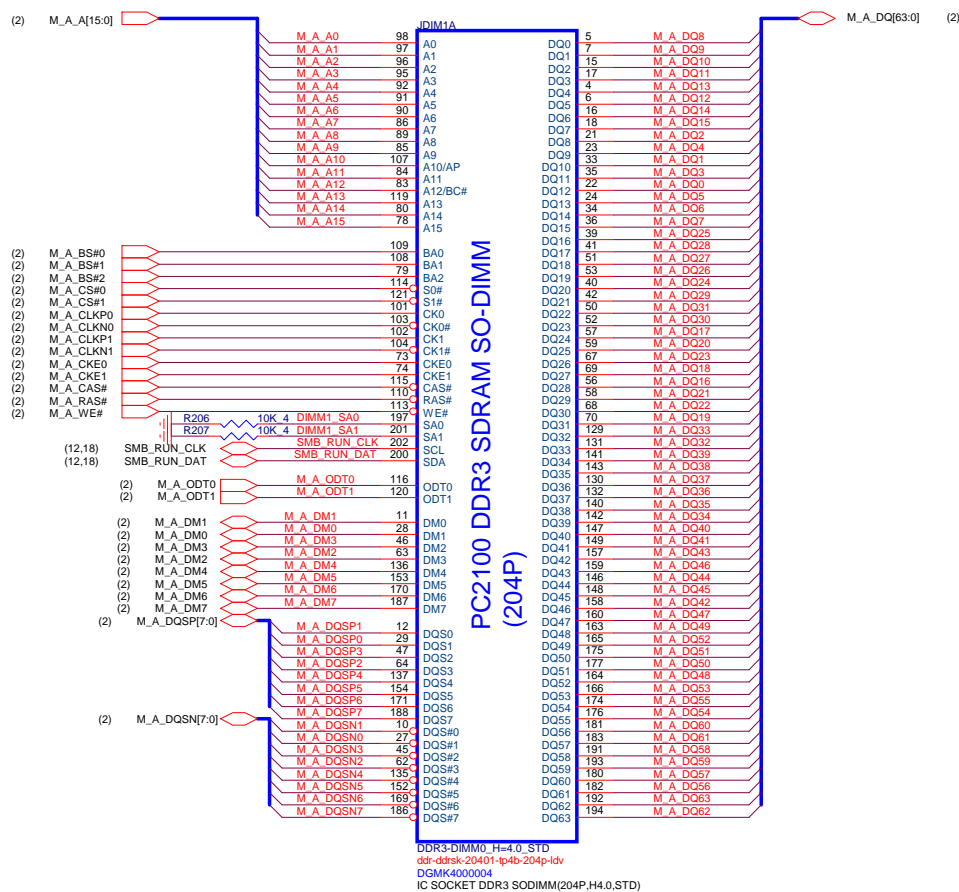
3.3V supported
1.8V only

**PROJECT : LI5**
Quanta Computer Inc.

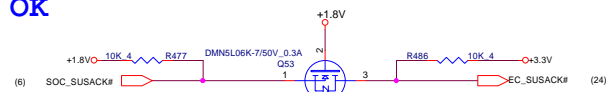
Size	Document Number	Valley 6/9 (USB/LPC/I2C)	Rev
	Custom		1A
Date:	Wednesday, December 25, 2013	Sheet	7 of 43



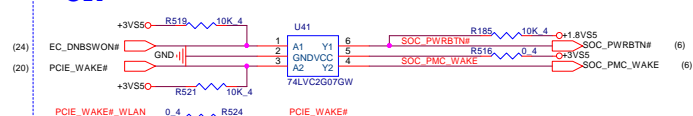




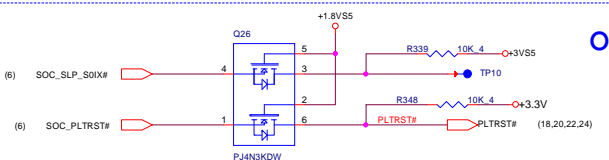
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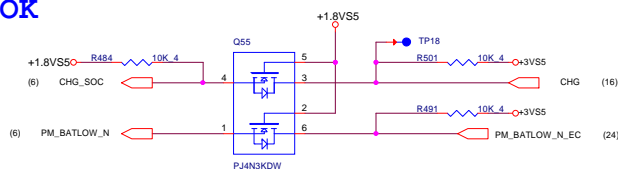
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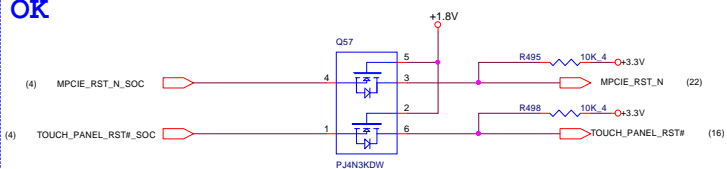
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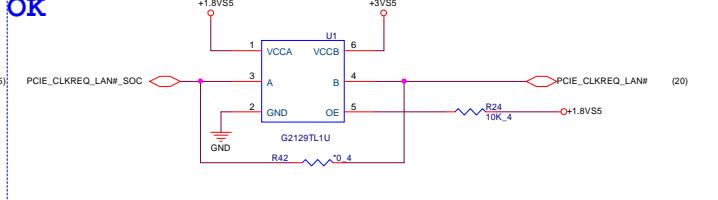
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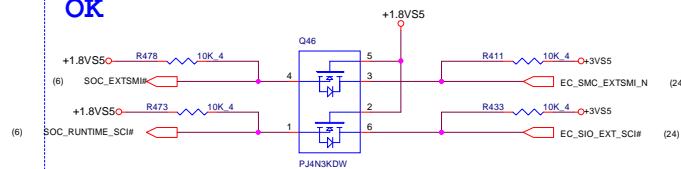
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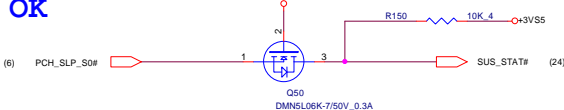
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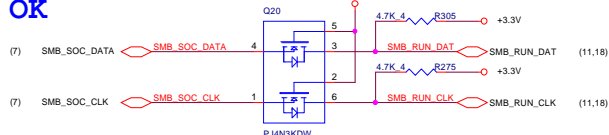
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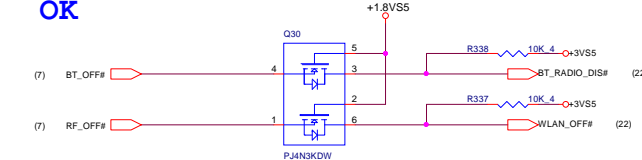
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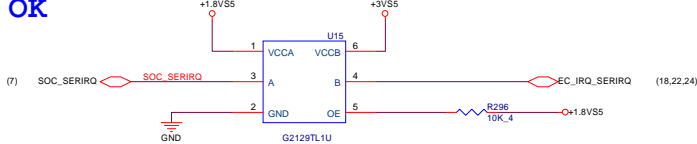
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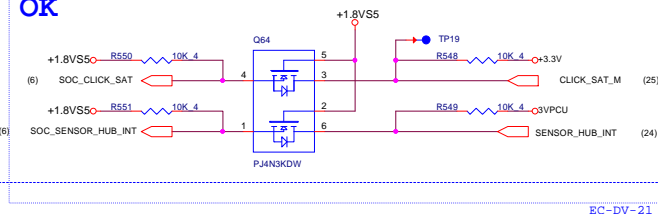
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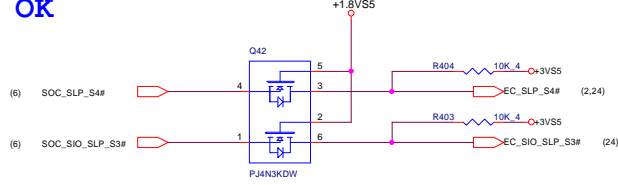
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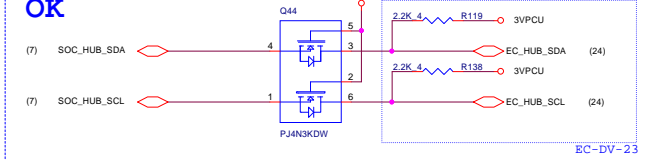
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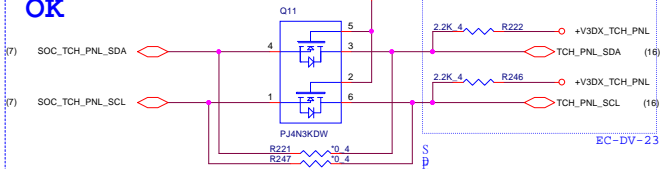
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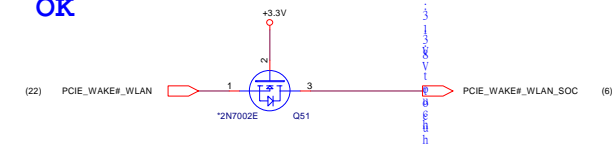
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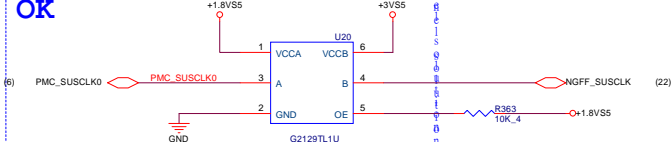
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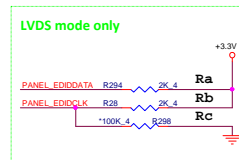
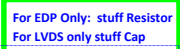


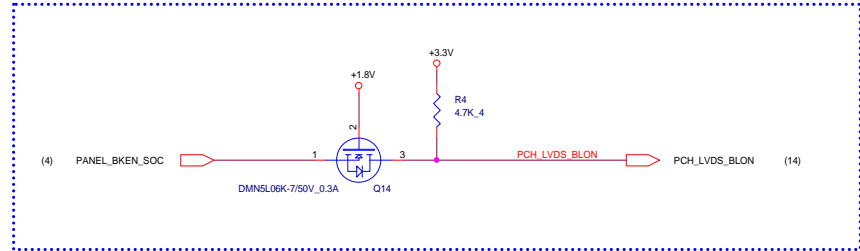
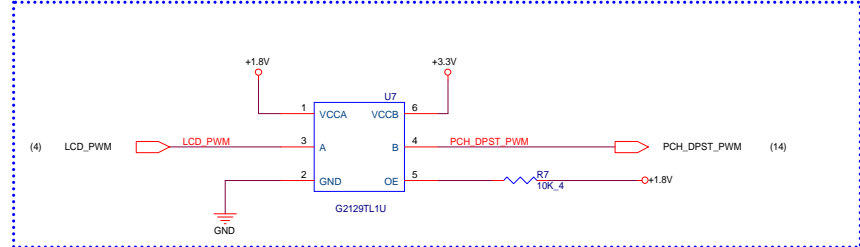
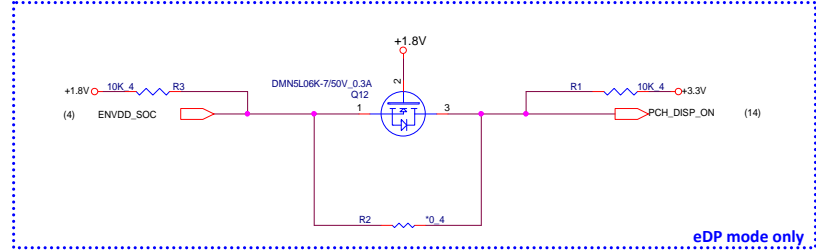
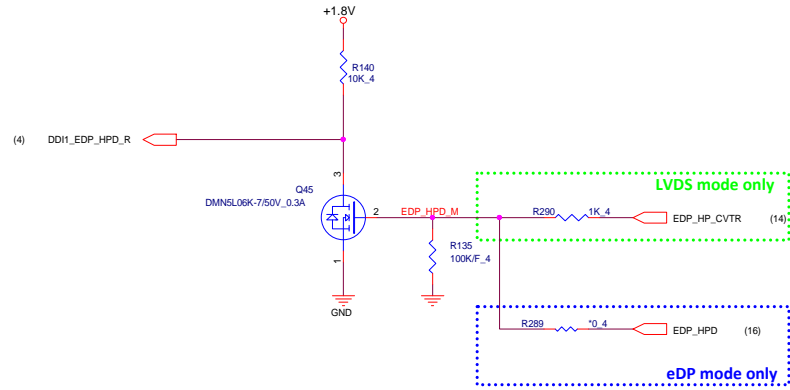
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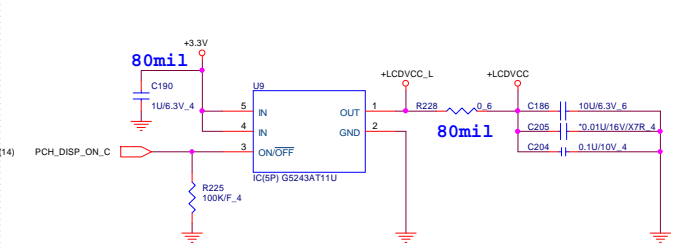
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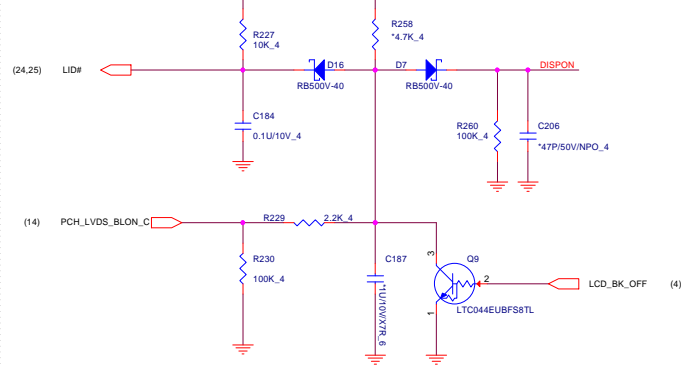




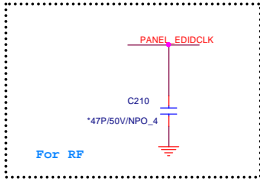
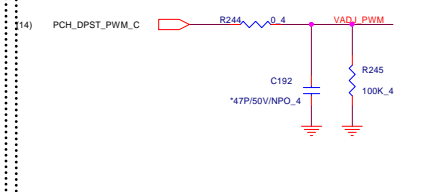
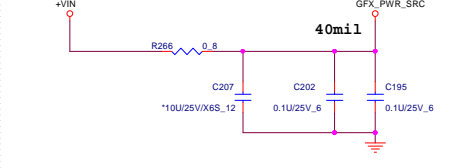
LCDVCC



Back light

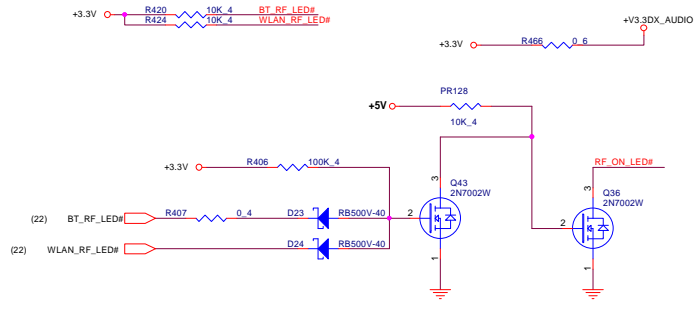
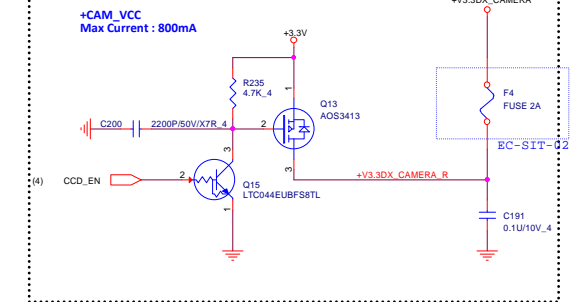


GFX_PWR_SRC

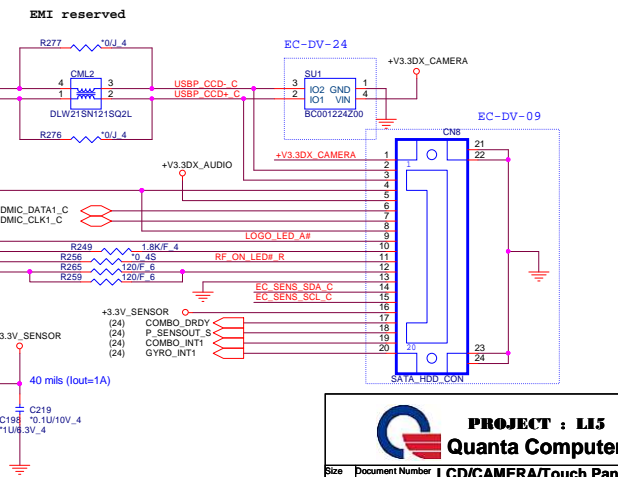
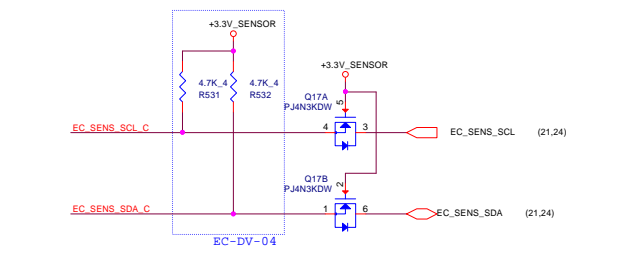
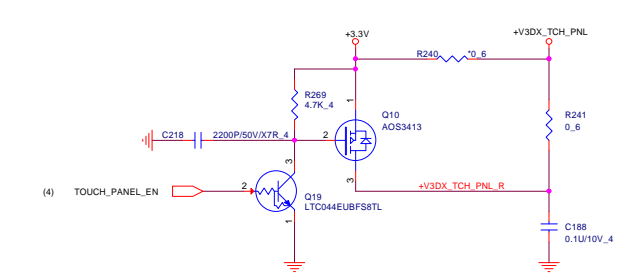


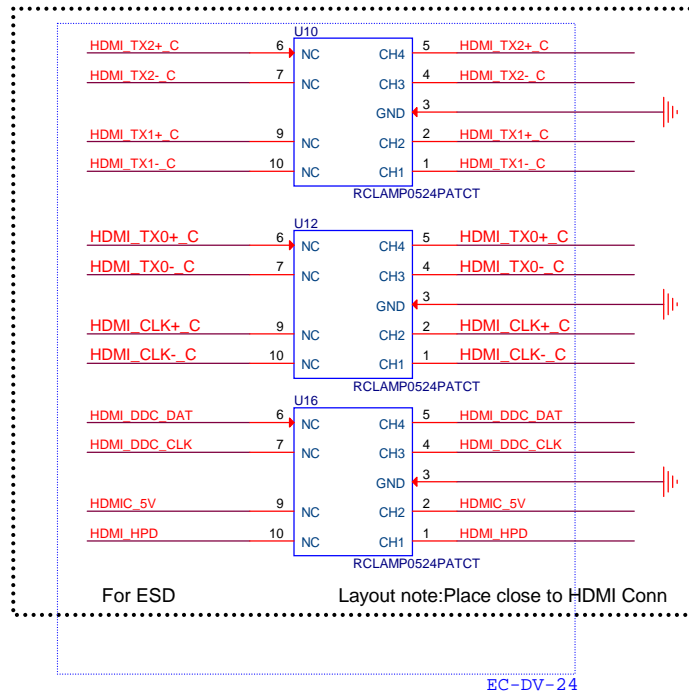
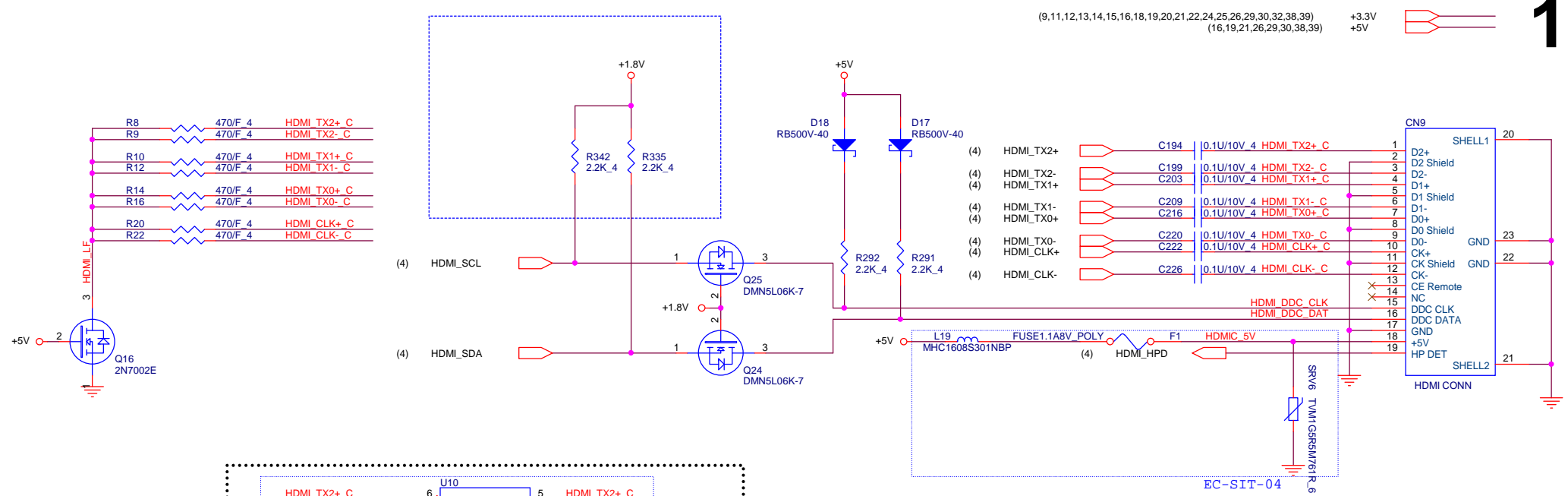
CCD+MIC+LOGO+WLAN LED CONN

CAMERA VCC Control

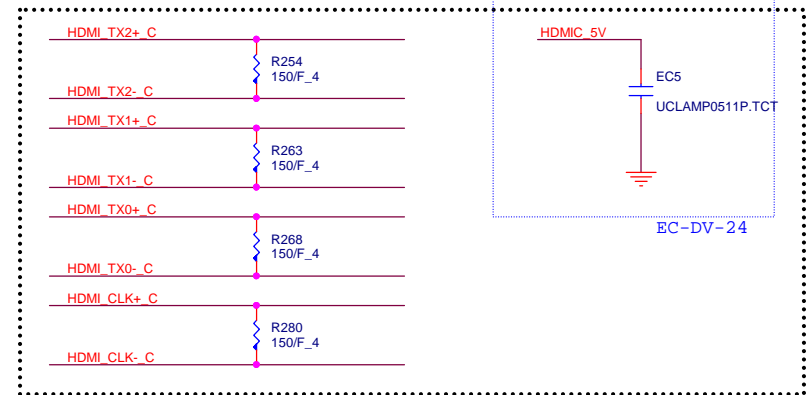


Touch Panel VCC Control

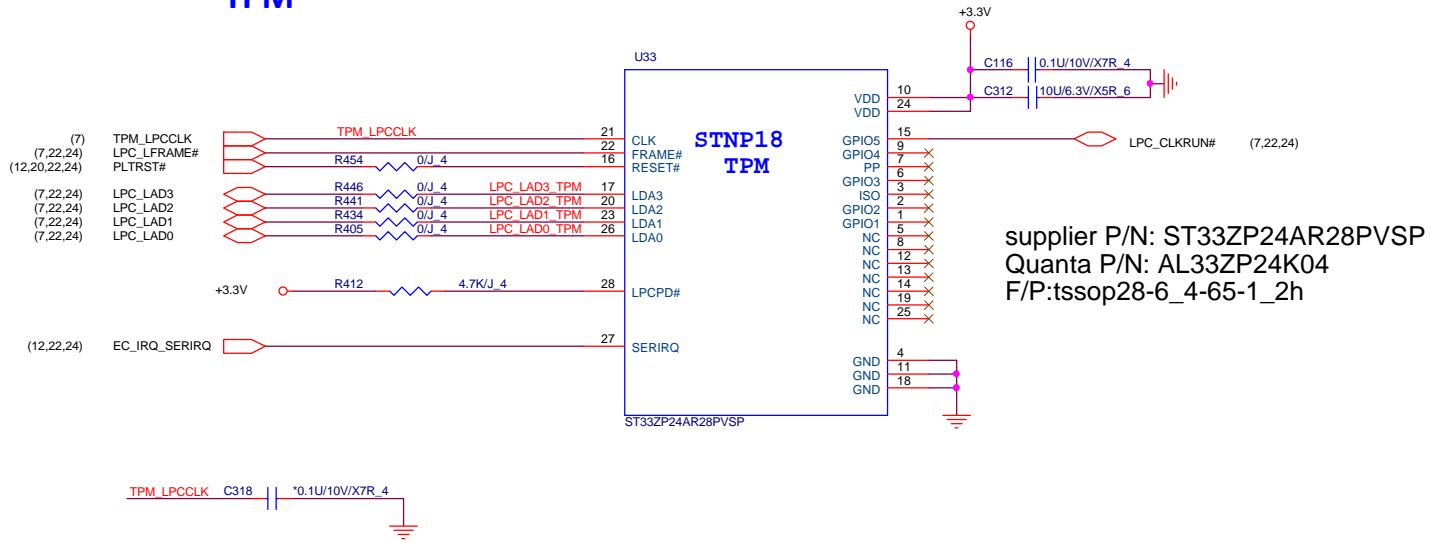




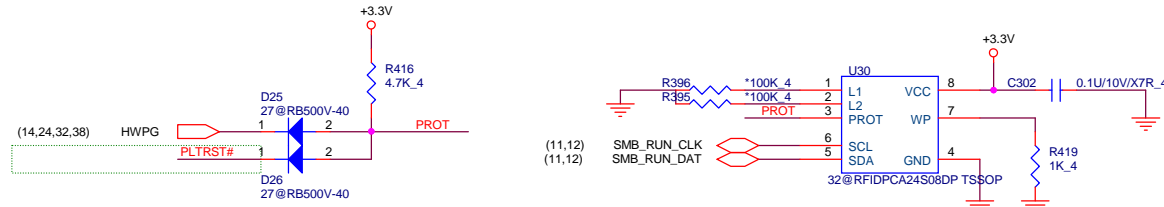
EMI reserve for HDMI



TPM



RFID

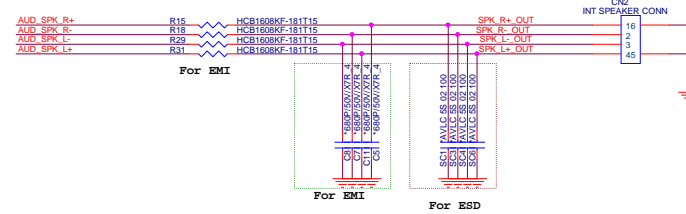
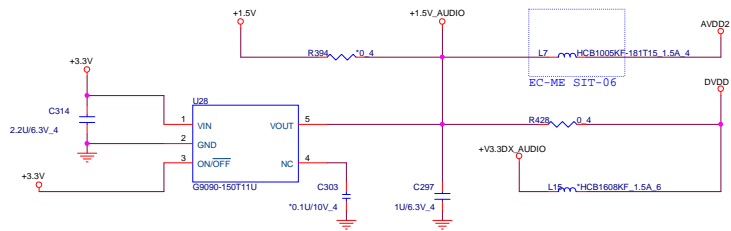
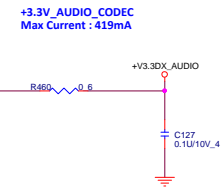
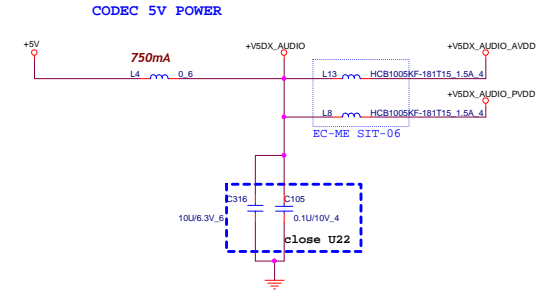
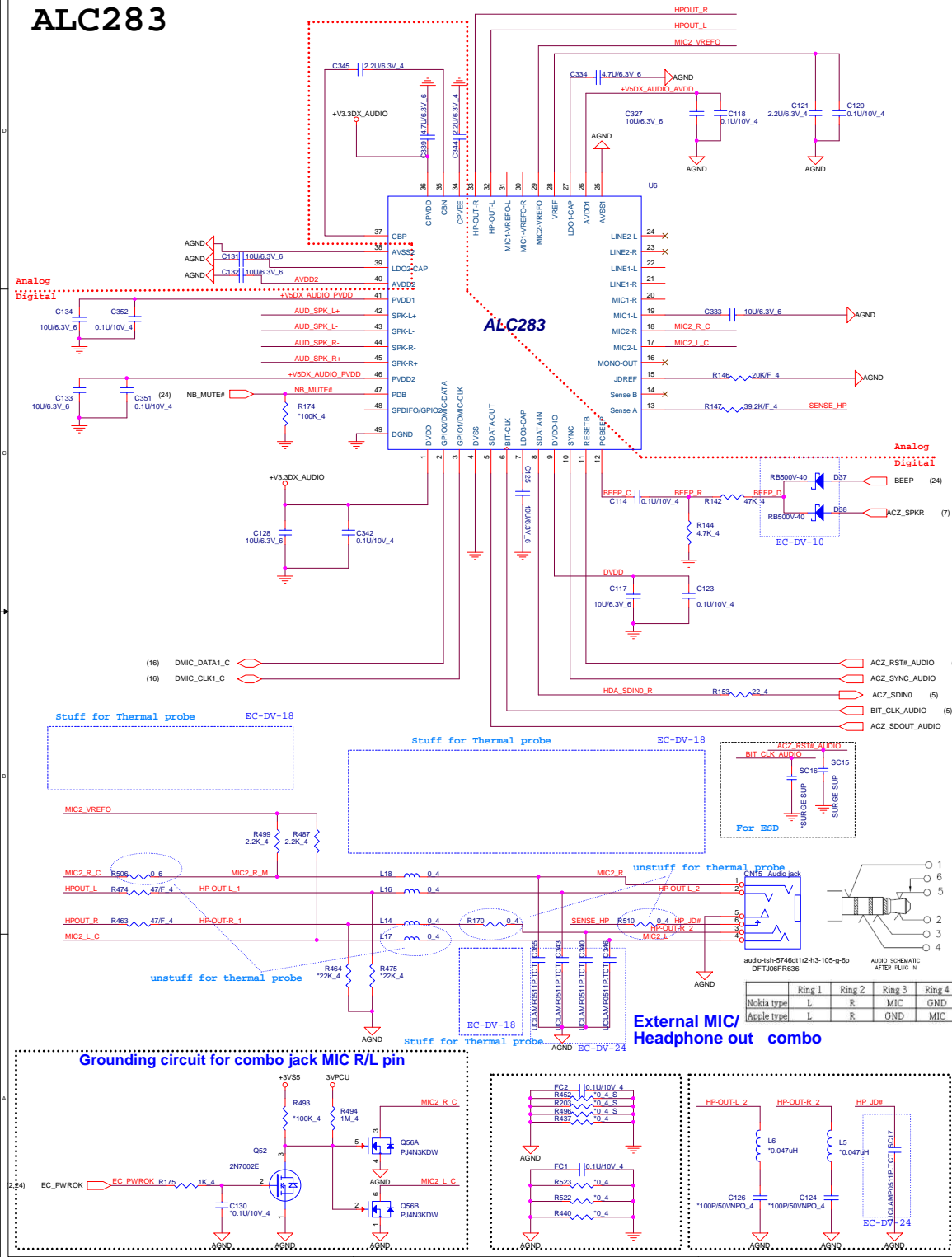


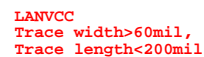
PROJECT : LI5
Quanta Computer Inc.

Size	Document Number	Rev
	RFID	1A
Date:	Wednesday, December 25, 2013	Sheet 18 of 43

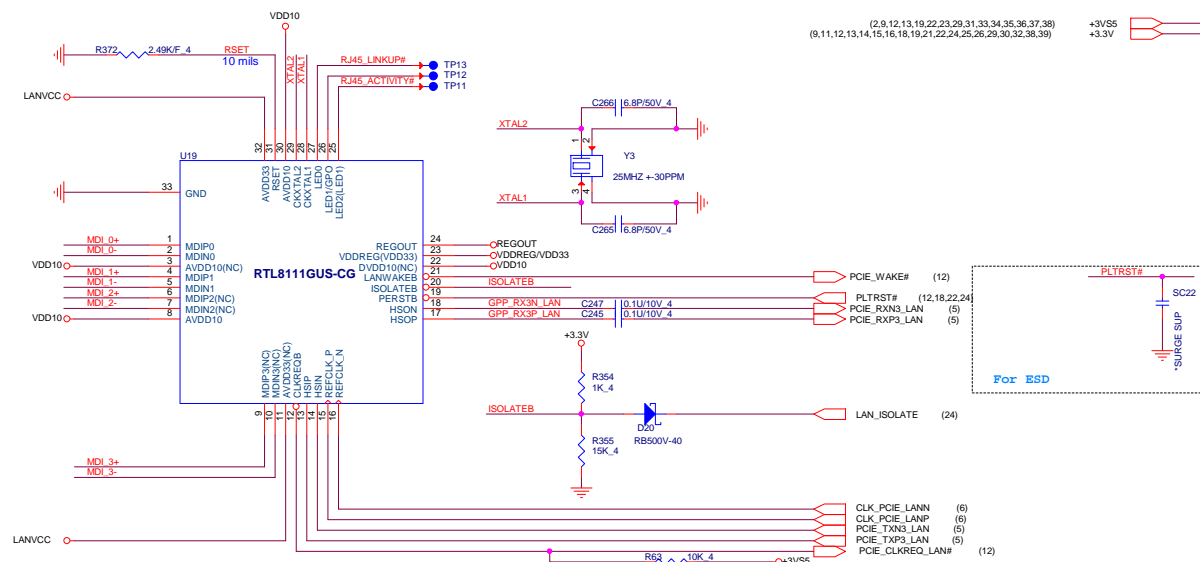
ALC283

19

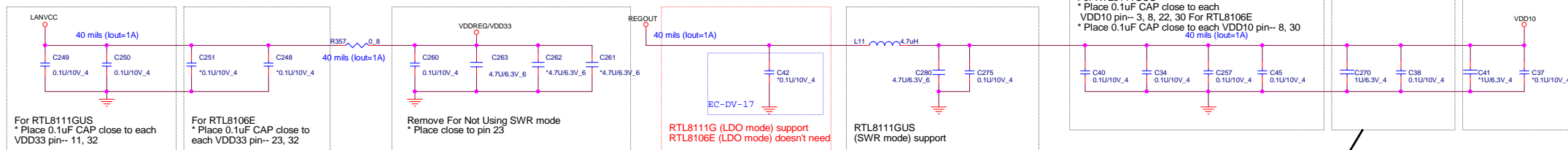




10/100	RTL8106EUS-CG	AL008106002
1G	RTL8111GUS-CG	AL008111009



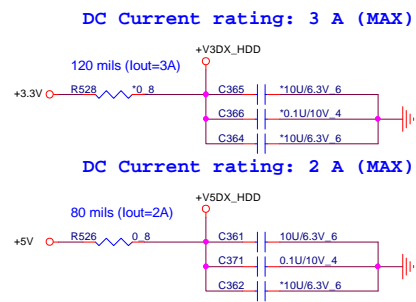
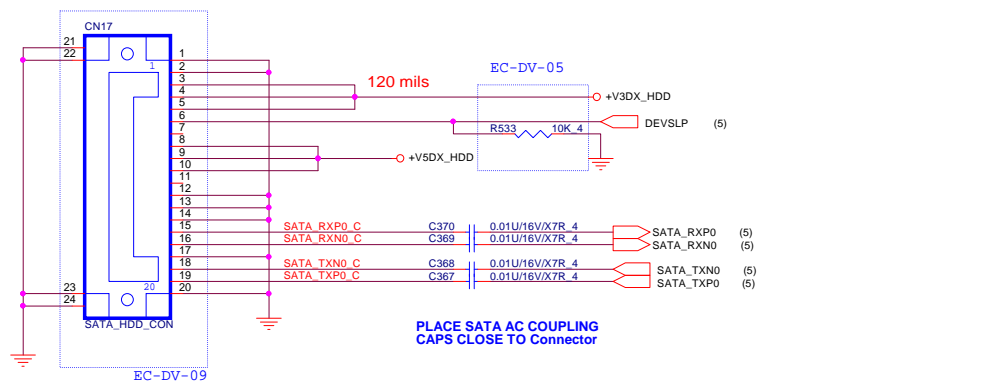
For RTL8111GUS
* Place 0.1uF CAP close to each
VDD10 pin-- 3, 8, 22, 30 For RTL8106E
* Place 0.1uF CAP close to each VDD10 pin-- 8, 30
10 min (1hr+1d)



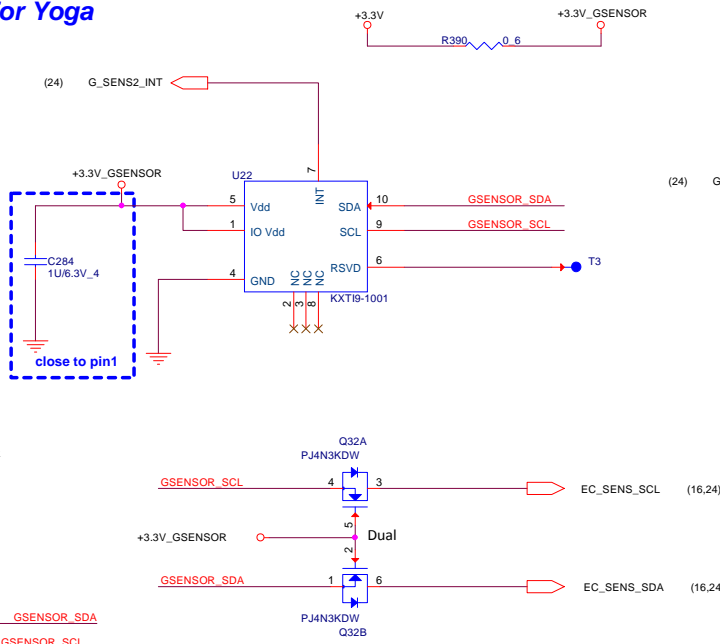
For RTL8111GUS
* Place 1uF CAP close to each VDD10 pin-- 22 (reserve)

RJ45 Connector

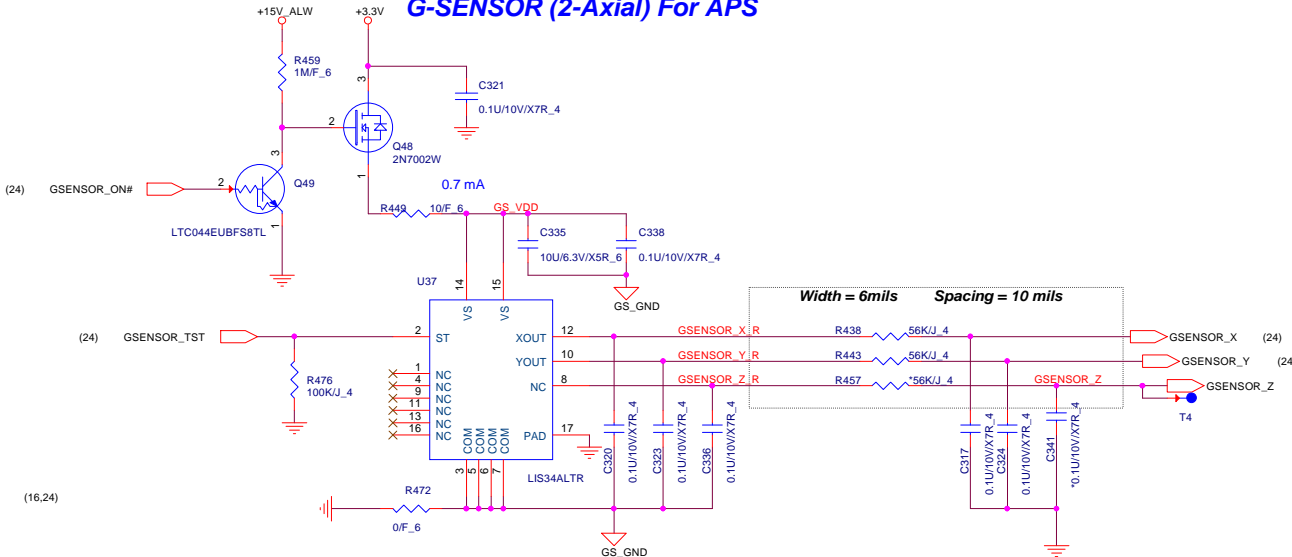




G-SENSOR For Yoga



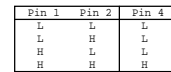
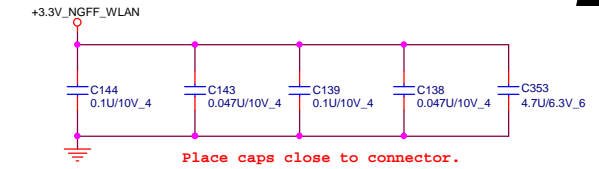
G-SENSOR (2-Axial) For APS



PROJECT : LI5
Quanta Computer Inc.

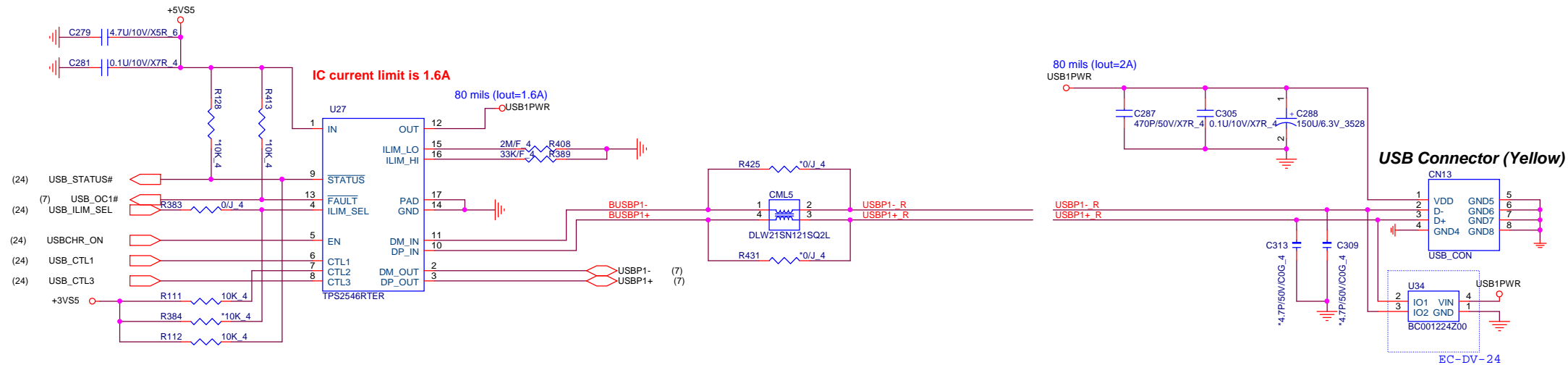
Size	Document Number	SATA/G-sensor	Rev 1A
Date:	Wednesday, December 25, 2013	Sheet 21	of 43

CN14

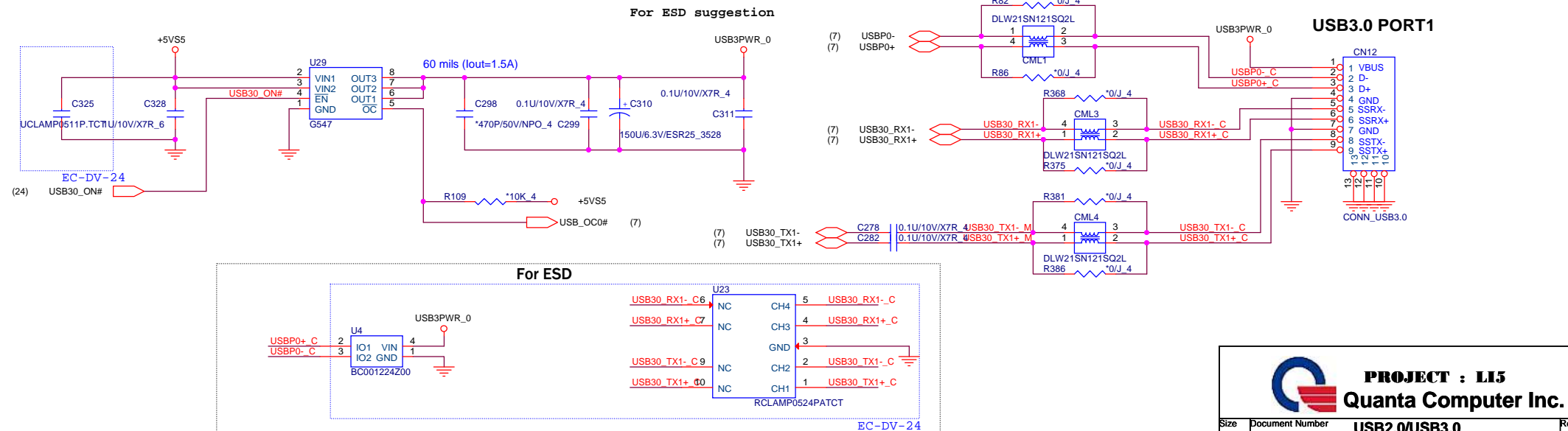


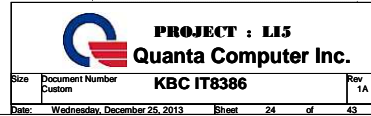
USB 2.0 Port *1

USB2.0 Port1

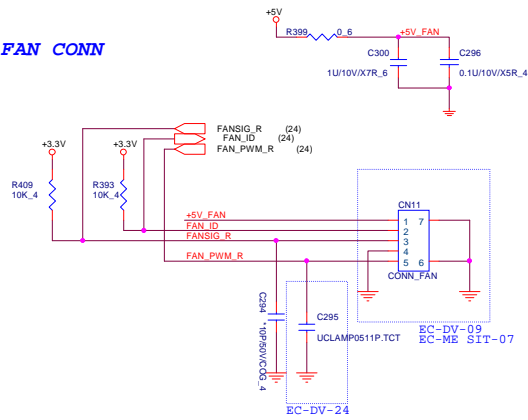


USB 3.0 Port *1





FAN CONN



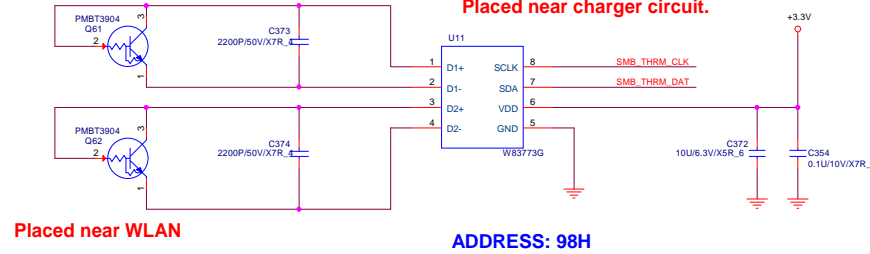
Thermal Sensor

EC-DV-11

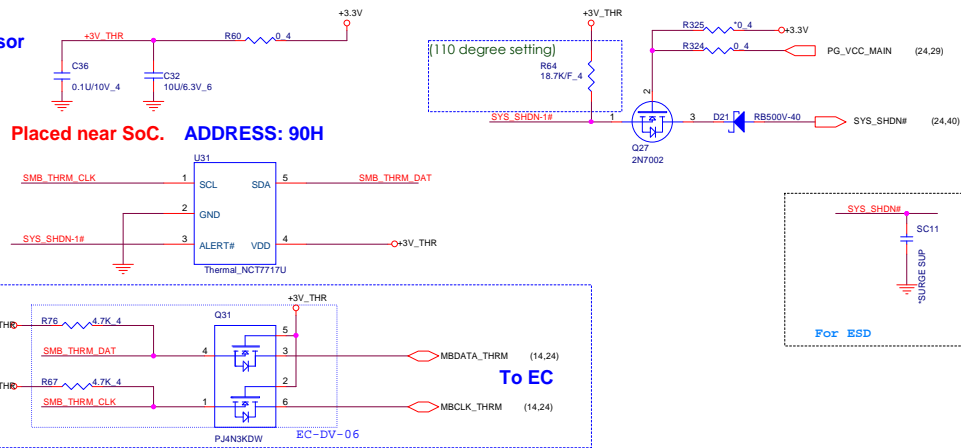
Placed near SO-DIMM

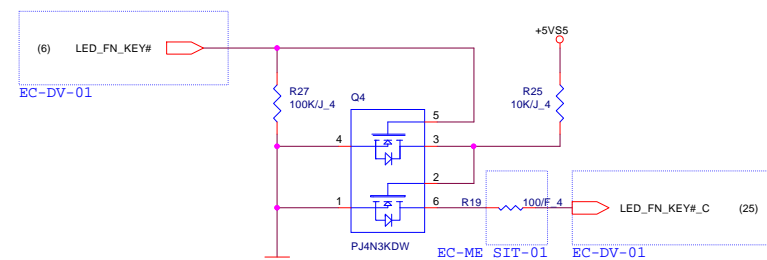
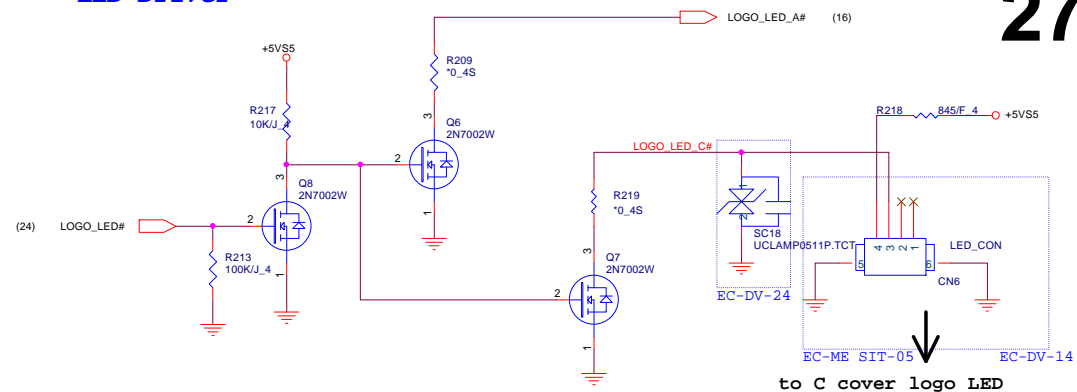
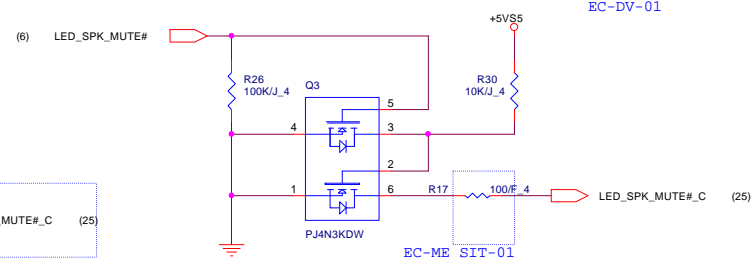
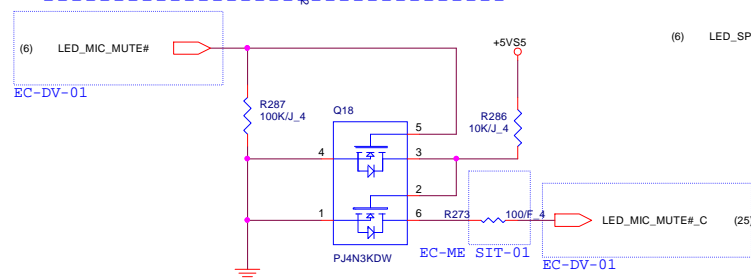
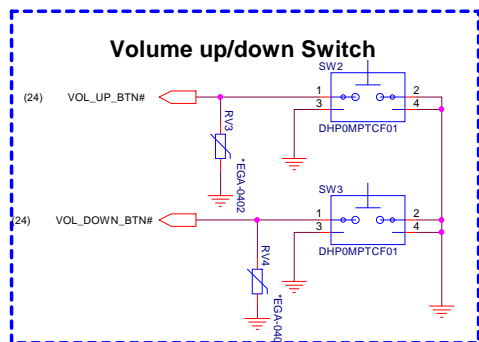
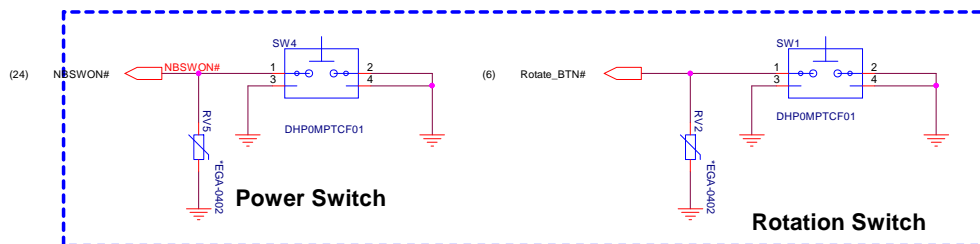
NOTE:
Place near IC Pin

Placed near charger circuit.



CPU Thermal Sensor





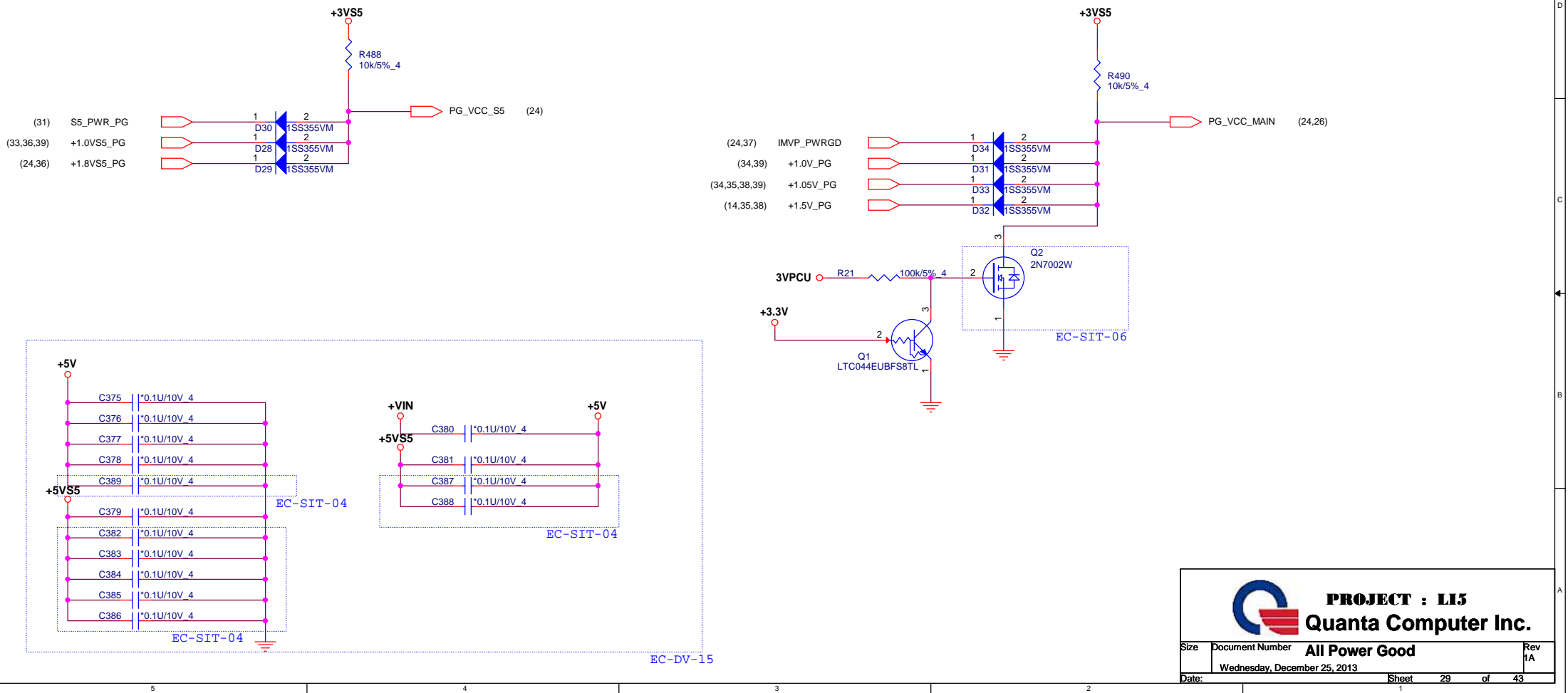


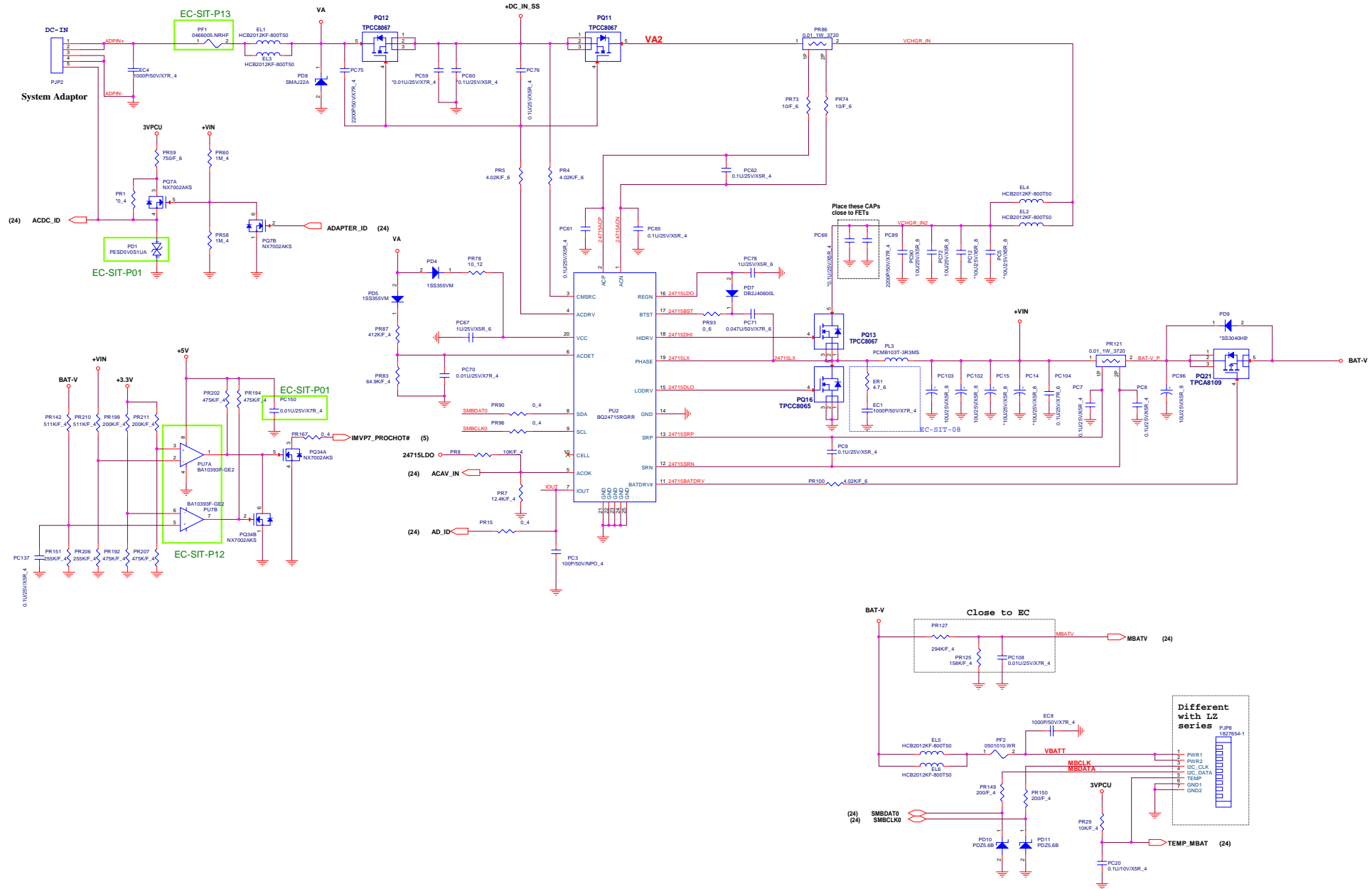
EC-DV-18

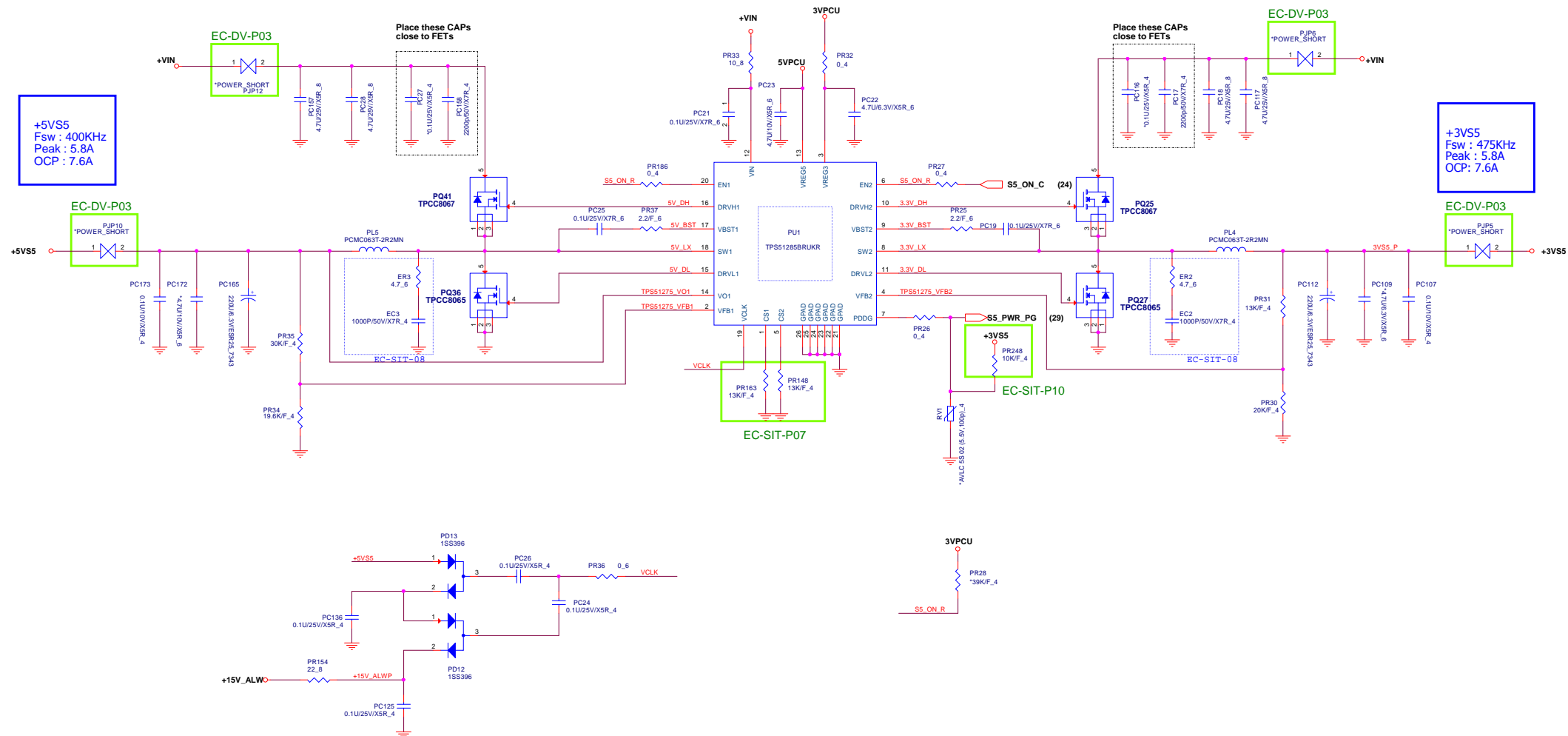
Thermal probe reference schematics by Intel

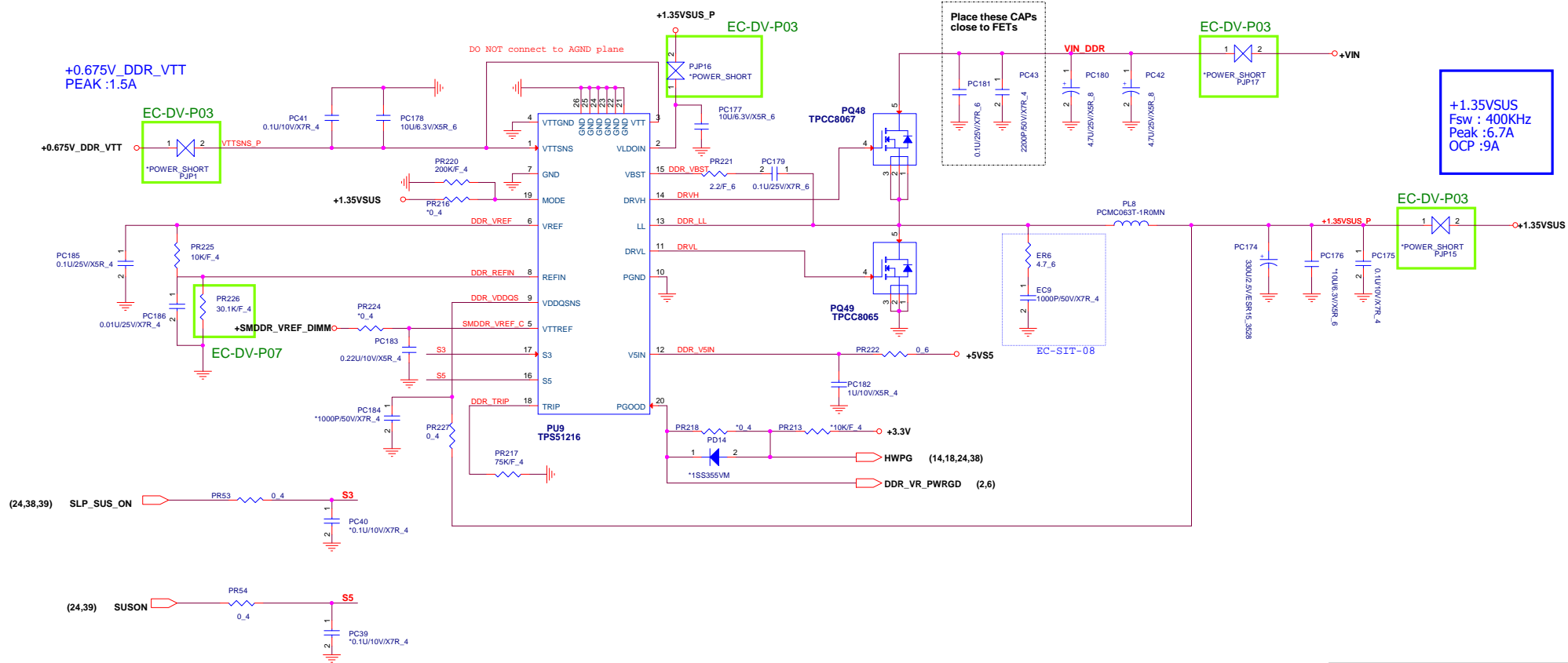
ALWAYS POWER GOOD

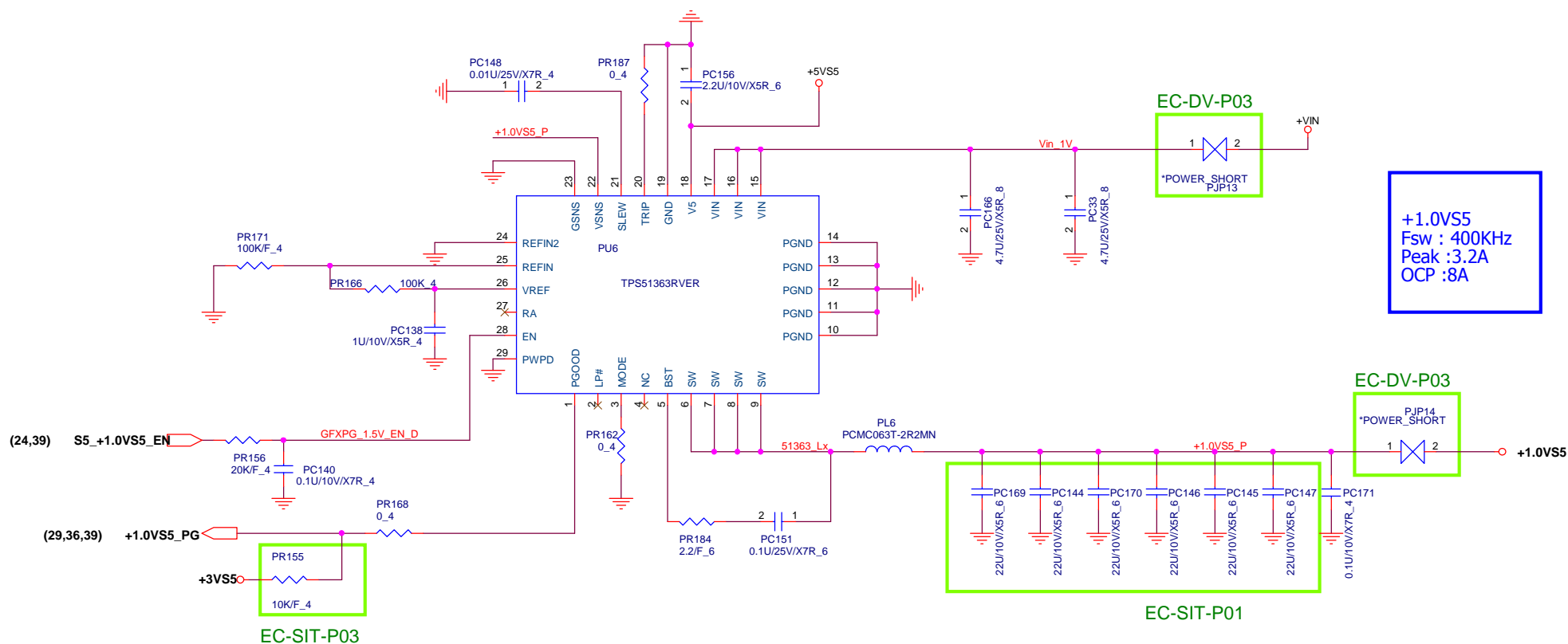
ALL SYSTEM POWER GOOD

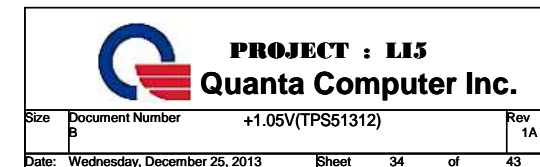


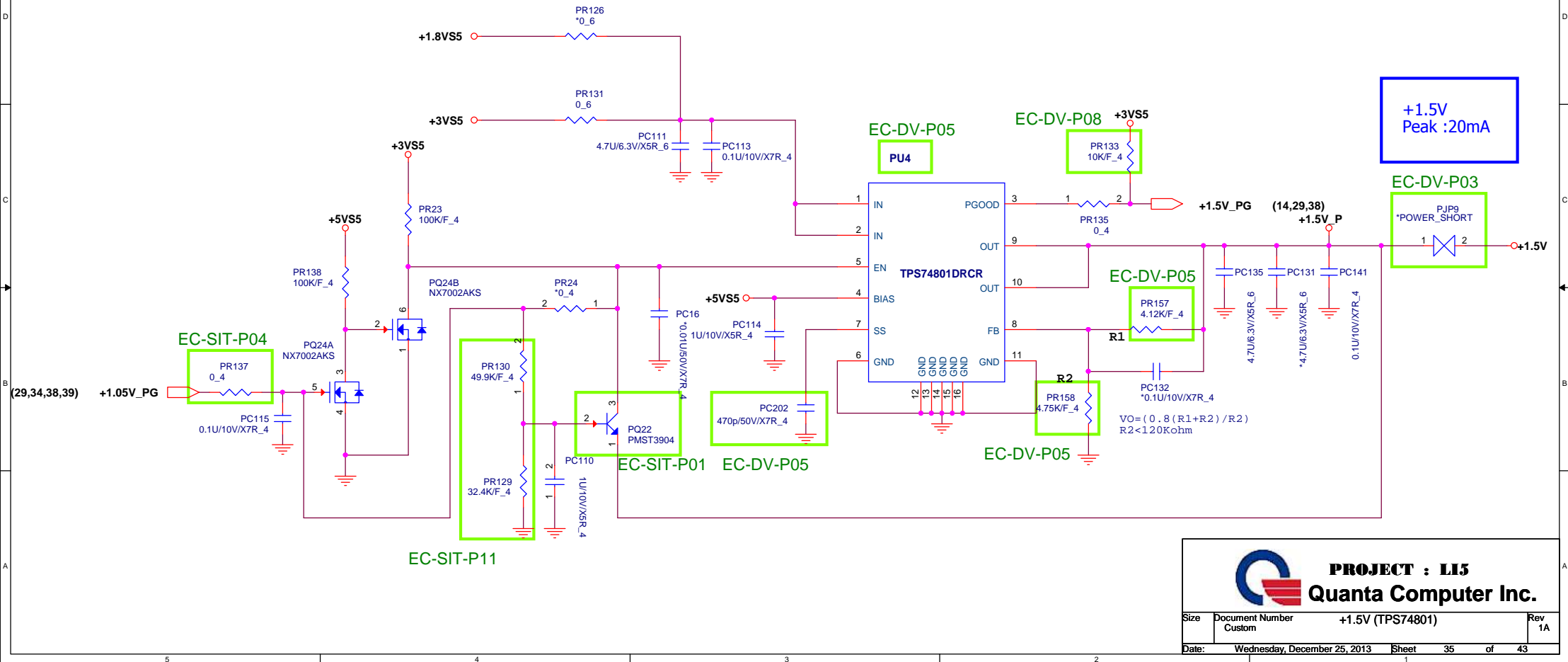


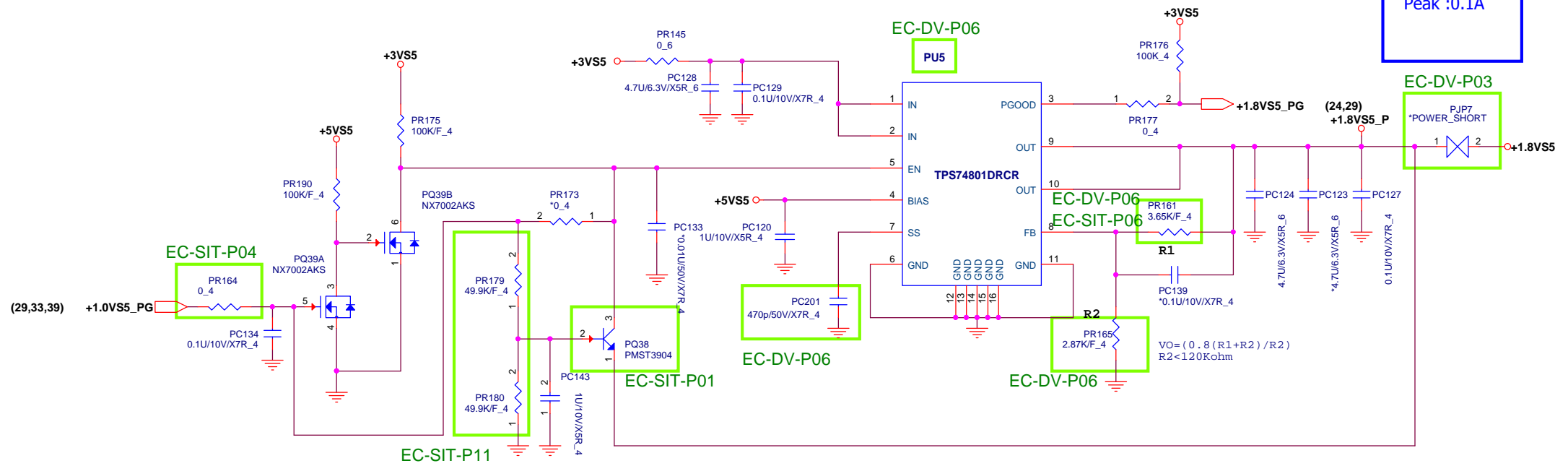






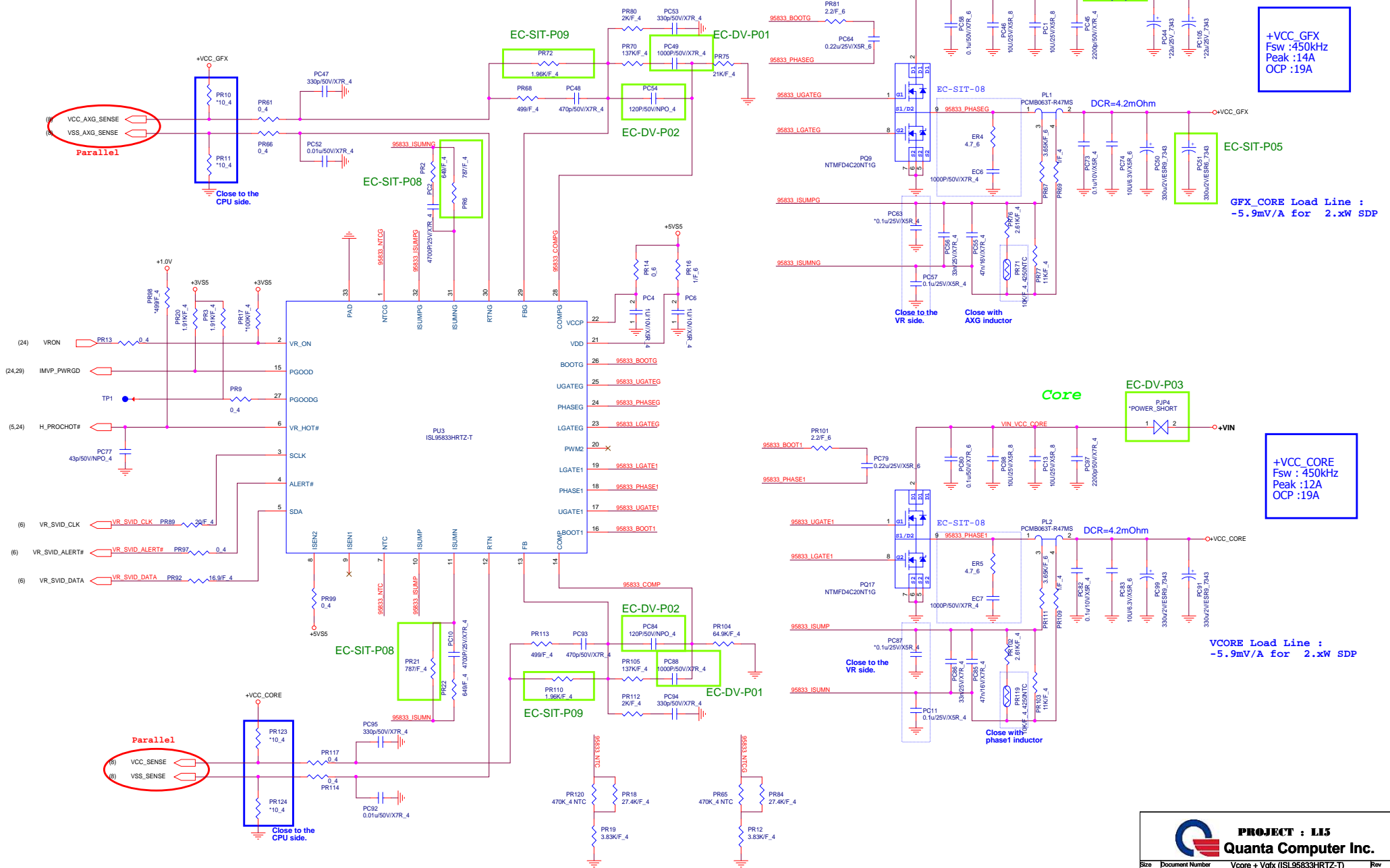
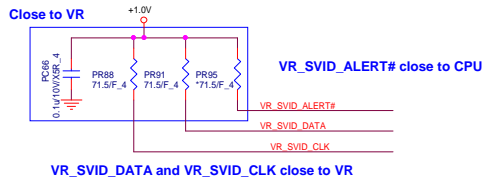




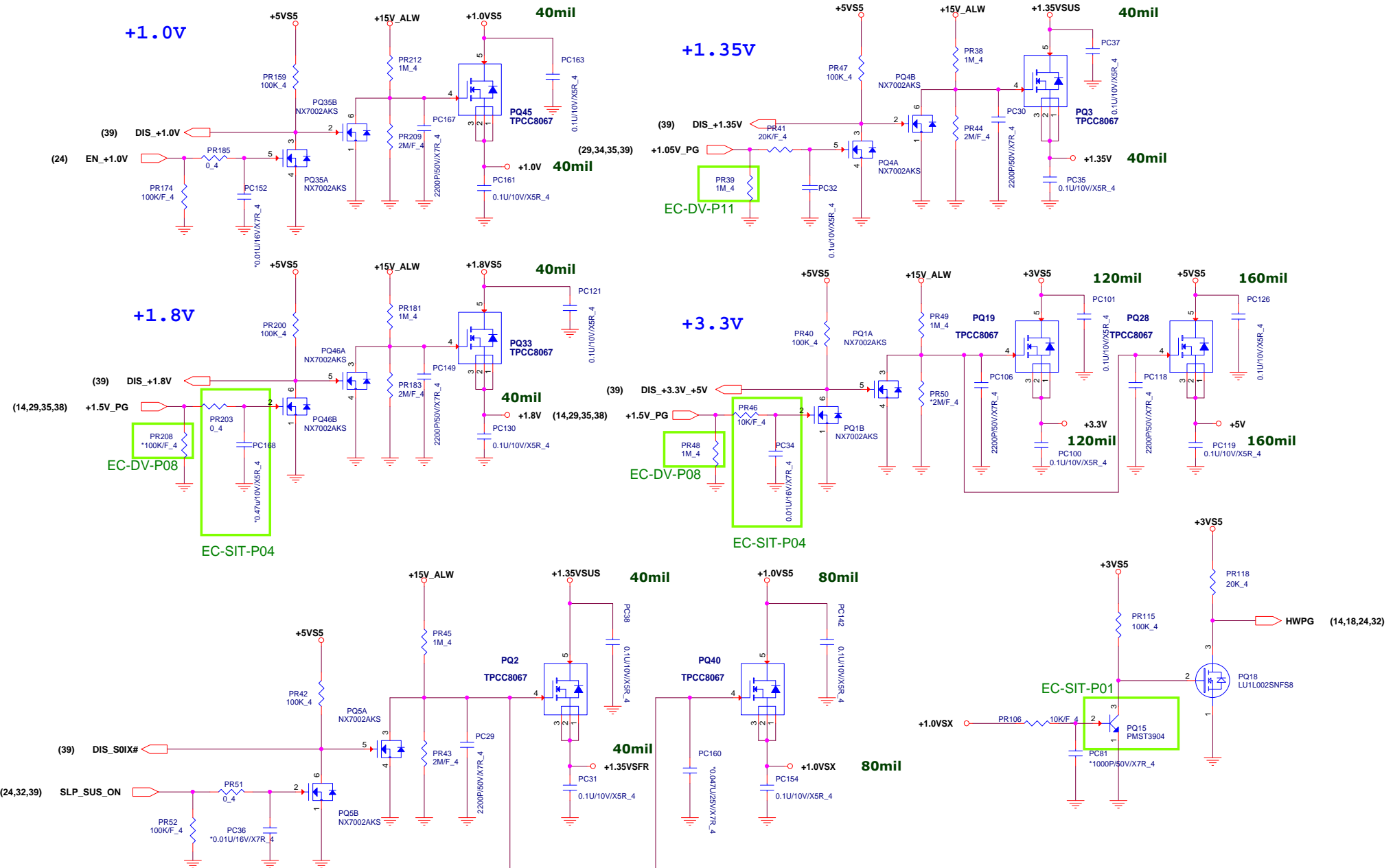


PROJECT : L15
Quanta Computer Inc.

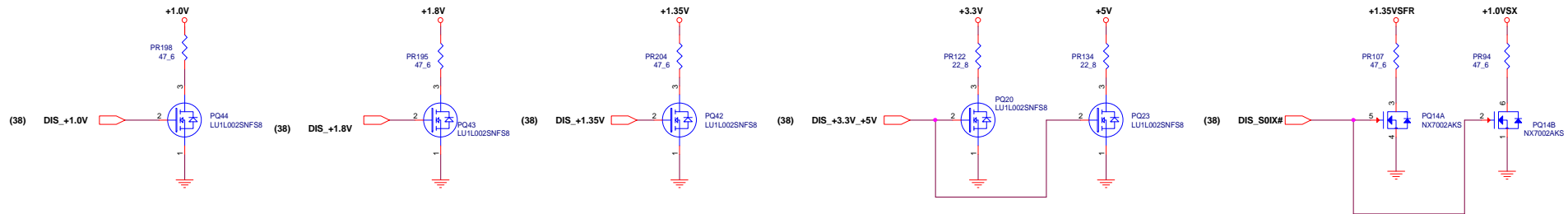
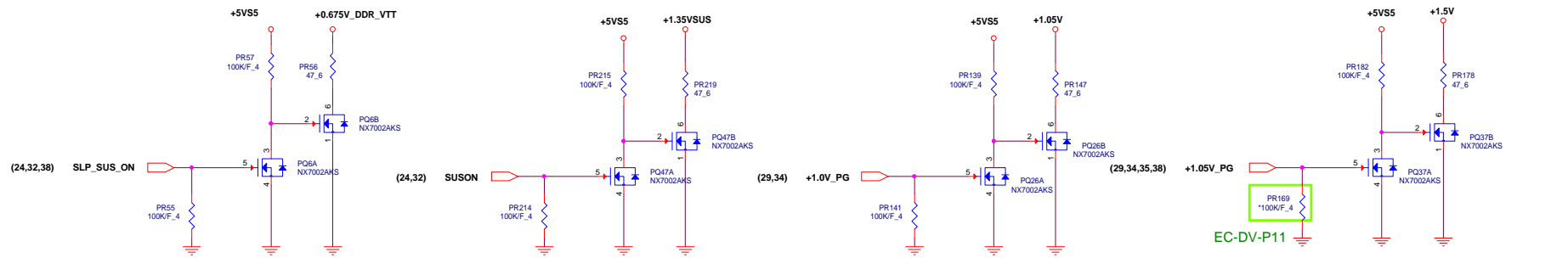
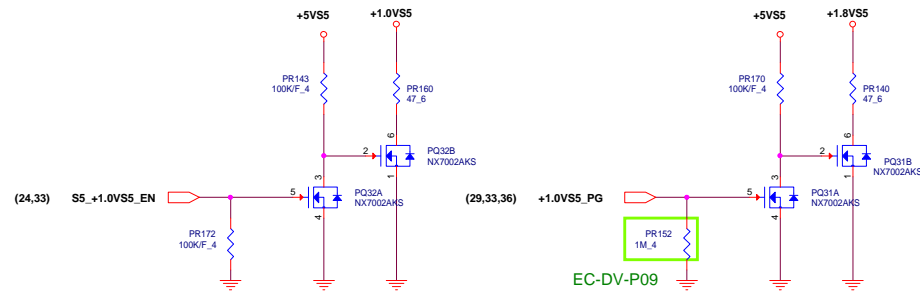
Size	Document Number	+1.8VS5(TPS74801)	Rev
	Custom		1A
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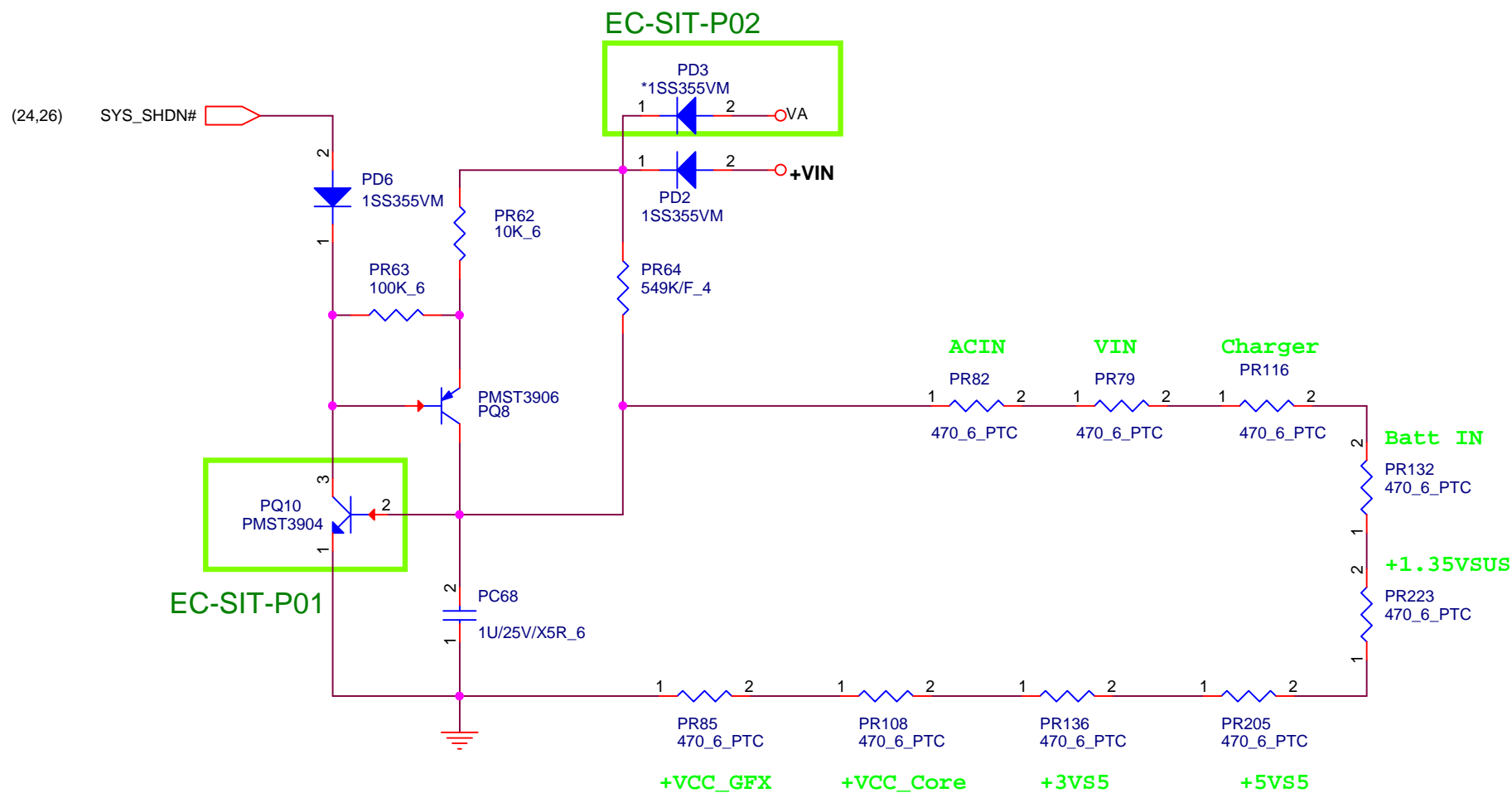


Load switch



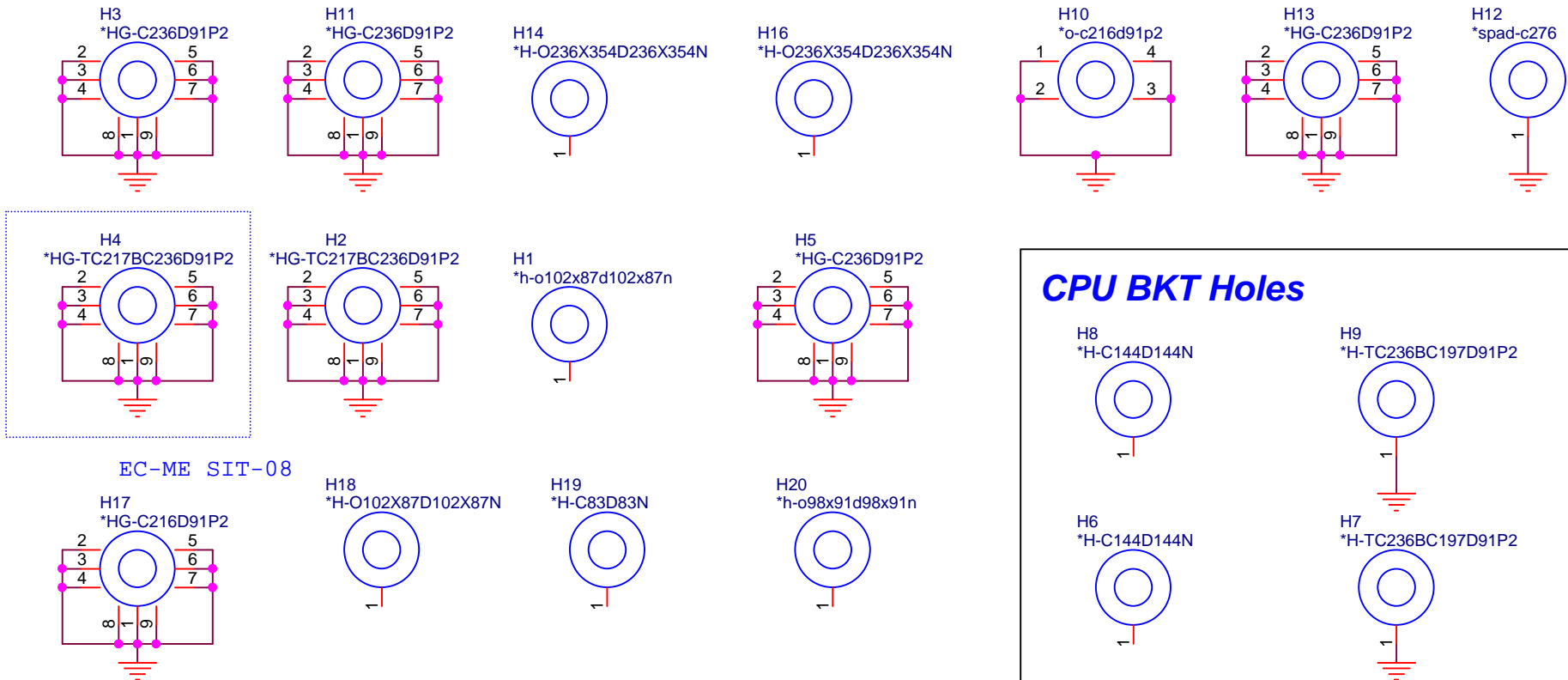
DISCHARGE





PROJECT : LI5
Quanta Computer Inc.

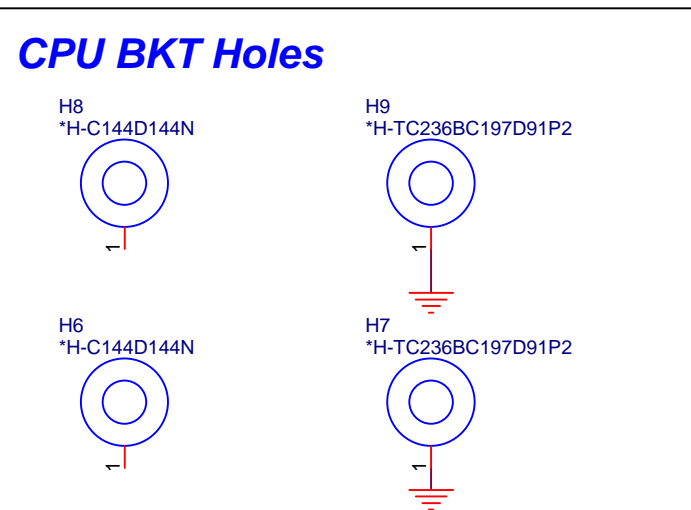
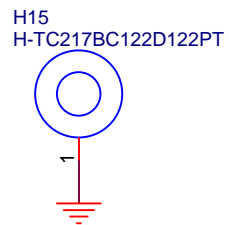
Size A	Document Number PTC	Rev 1A
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EC-ME SIT-08

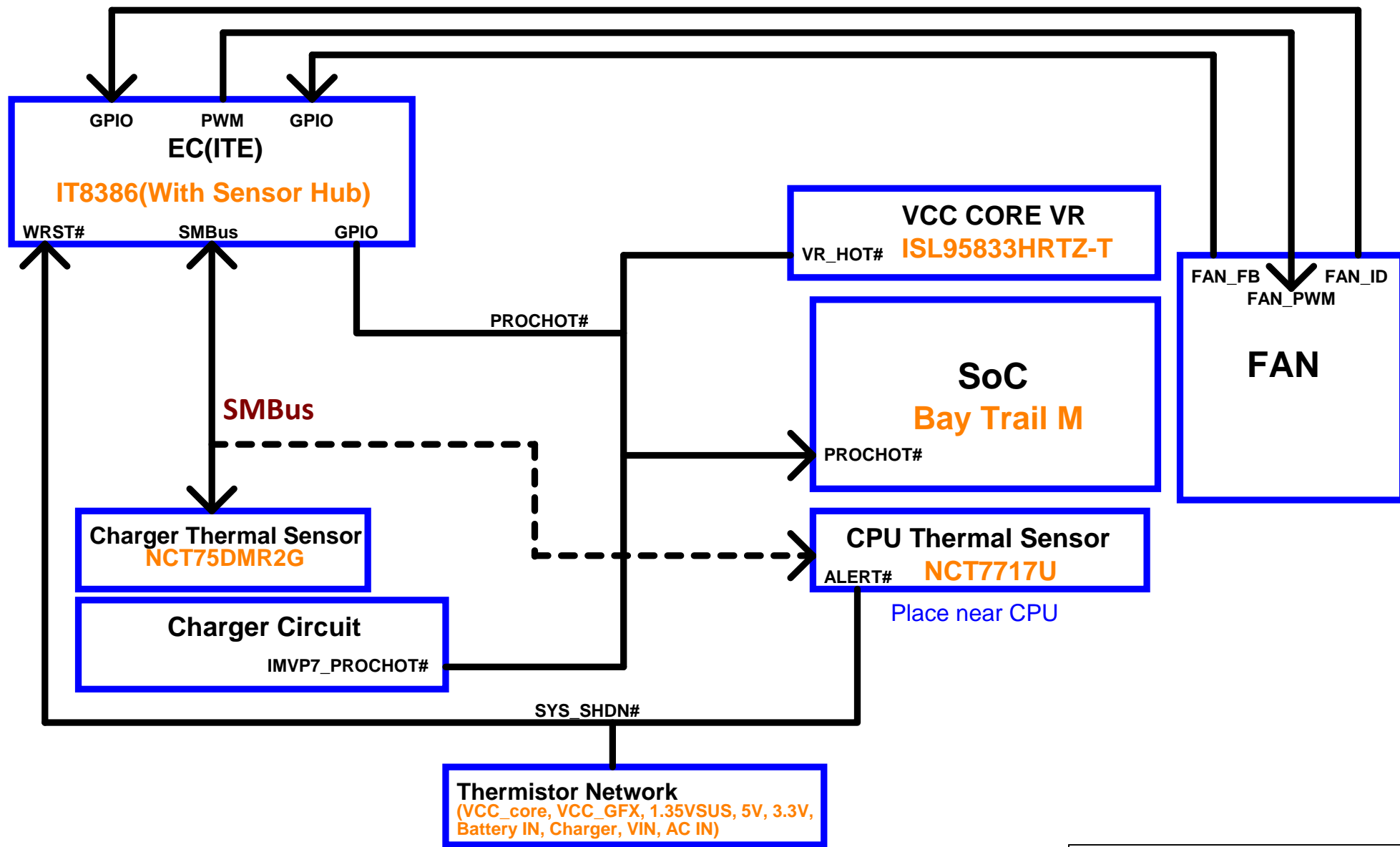
Stuff NUT Location:

NGFF WLAN Nut



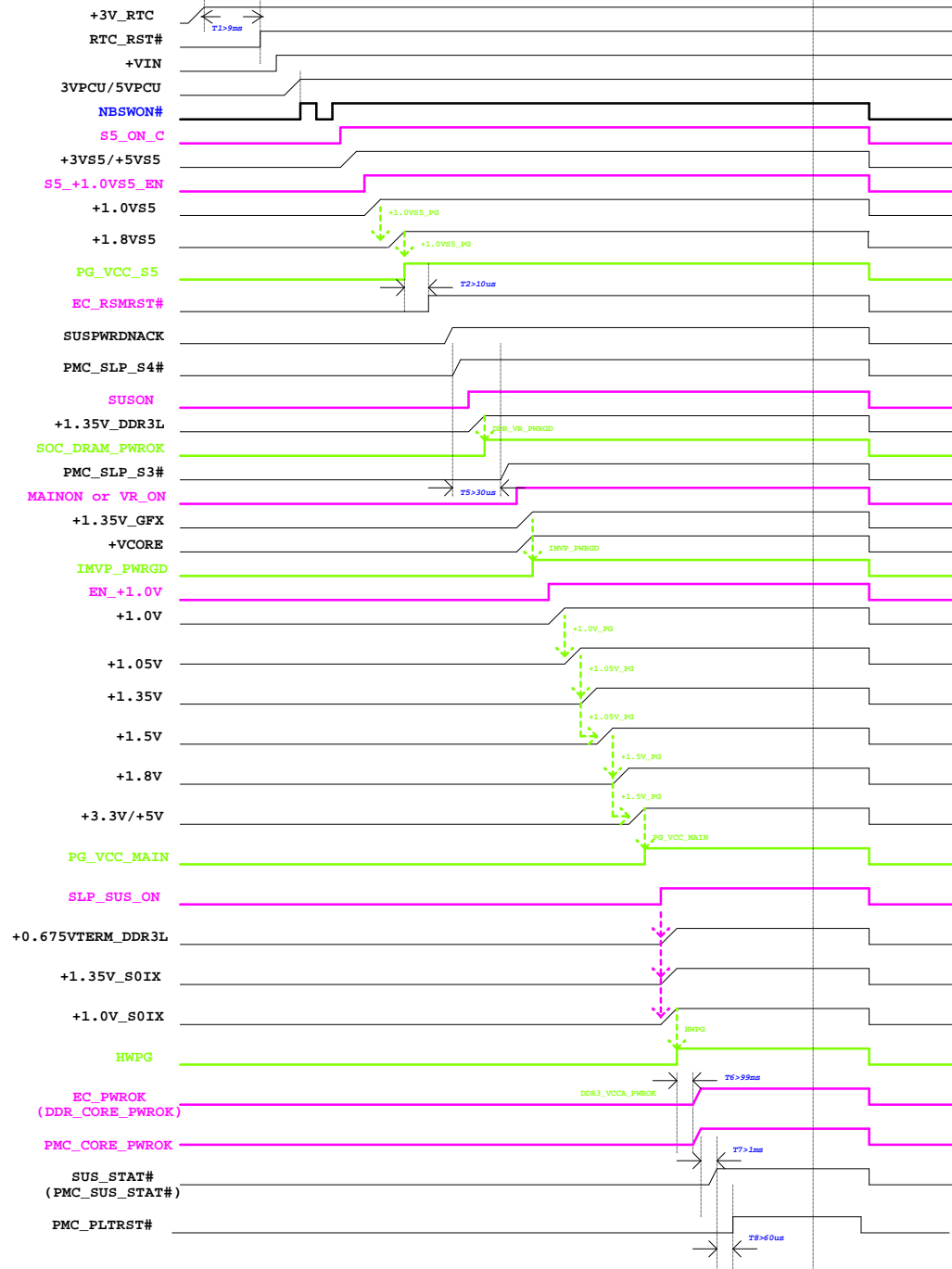
PROJECT : LI5
Quanta Computer Inc.

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Power on sequence


OFF



Green signals (PG)
Blue timing -- Intel
Pink signals from EC

LI5 Schematic EC Tracking Record A to B version(SDV/FVT Planar)

EC #	Page	Description	Part Affected
EC-DV-01	6,25,27	Swap the net name.	net name only
EC-DV-02	24	Swap the net name.	net name only
EC-DV-03	25	Correct the net name(LID2#)	net name only
EC-DV-04	16	Add pull up resistor for SMBus of sensor board	R531,R532
EC-DV-05	21	Add pull down resistor for SSD DEVSLP pin.	R533
EC-DV-06	26	Parts stuff for thermal polling.	Q31,R76,R67
EC-DV-07	25	Change touch pad to I2C from SMB	net name only
EC-DV-08	16	Add MB ID for touch screen control board by different OS(Win8 or Chrome).	R535
EC-DV-09	16,21,26	Change PN and footprint for new connector	CN1,CN17,CN11,CN8
EC-DV-10	6,19	Separate the dual diode to single diode.	D35,D36,D37,D38
EC-DV-11	26	Change Thermal solution to Nuvoton to meet ECSL	U11,Q61,Q62,C372,C373,C374 Del: R223,R224,R231,R232,R236,R237,C354,U39,R513,R514,R515,R503, R504,R505,C329,U36,R479,R480,R481,R468,R469,R470
EC-DV-12	20	Change U18(transformer) footprint	U18
EC-DV-13	14	Correct the eDP AUX P/N net	net name only
EC-DV-14	27	Change LED connector CN6 footprint and PN	CN6
EC-DV-15	29	Reserve 0402 Cap for EMC requirement.	R375,R376,R377,R378,R379,R380,R381
EC-DV-16	24,16	Change LID_CLOSE Net connection, Connect to EC from hall sensor	R226
EC-DV-17	20	Stuff for 1G LAN transformer path. Unstuff C42 for 1.0V regulator mode	R93,R99,R359,R362,R367,R374,C42
EC-DV-18	19, 28	Delete thermal probe for PS2/SMB for touch pad reserved	R127,C99,R129,R125,R126,Q41,R429,R417,C85,Q37,Q40,Q39,Q38,U5, R423,C88,C89,C86,C87 R136,R135,R193,R190,R195,R156,R160,R197,R155,R322,R351 R538,R539,R540,R541,R542,R543,R544
EC-DV-19	25	Delete R198 combine the +3V_TCH_PAD to +3.3V	Delete R198
EC-DV-20	13	Remove R414 to avoid the USB hub into test mode	R414
EC-DV-21	12,25,24	Modify CHG/ATTN interrupt signal connection, Add SENSOR_HUB_INT signal	R545,R546,R547,R548,R549,R550,R551,Q64
EC-DV-22	14	Unstuff 1.2V LDO if eDP converter.	unstuff U17,C234,C236,R307,C14,C242,R299,R36,R43
EC-DV-23	12,25	Change pull up resistor vaule 4.7K to 2.2K in I2C	R119,R138,R222,R246,R517,R518
EC-DV-24	20	Stuff ESD component	U2,U3,U34,U4,SU1,U23,U10,U12,U16,EC5,C325,C295,C343,C340,C355, C346,SC17,SC18
EC-DV-25	6	Stuff PU resistor of BIOS EEPROM chip select pin.	R502

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EC RECORD DV	
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LI5 Schematic EC Tracking Record B to C version(ME SIT Planar)


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LI5 Schematic EC Tracking Record C to D version(SIT Planar)

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Title <Title>			
Size Custom	Document Number Doc#		Rev <Rev Code>
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 Quanta Computer Inc. PROJECT : LV3D	
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EC RECORD DV	
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