

Project Name :

Platform : Broadwell

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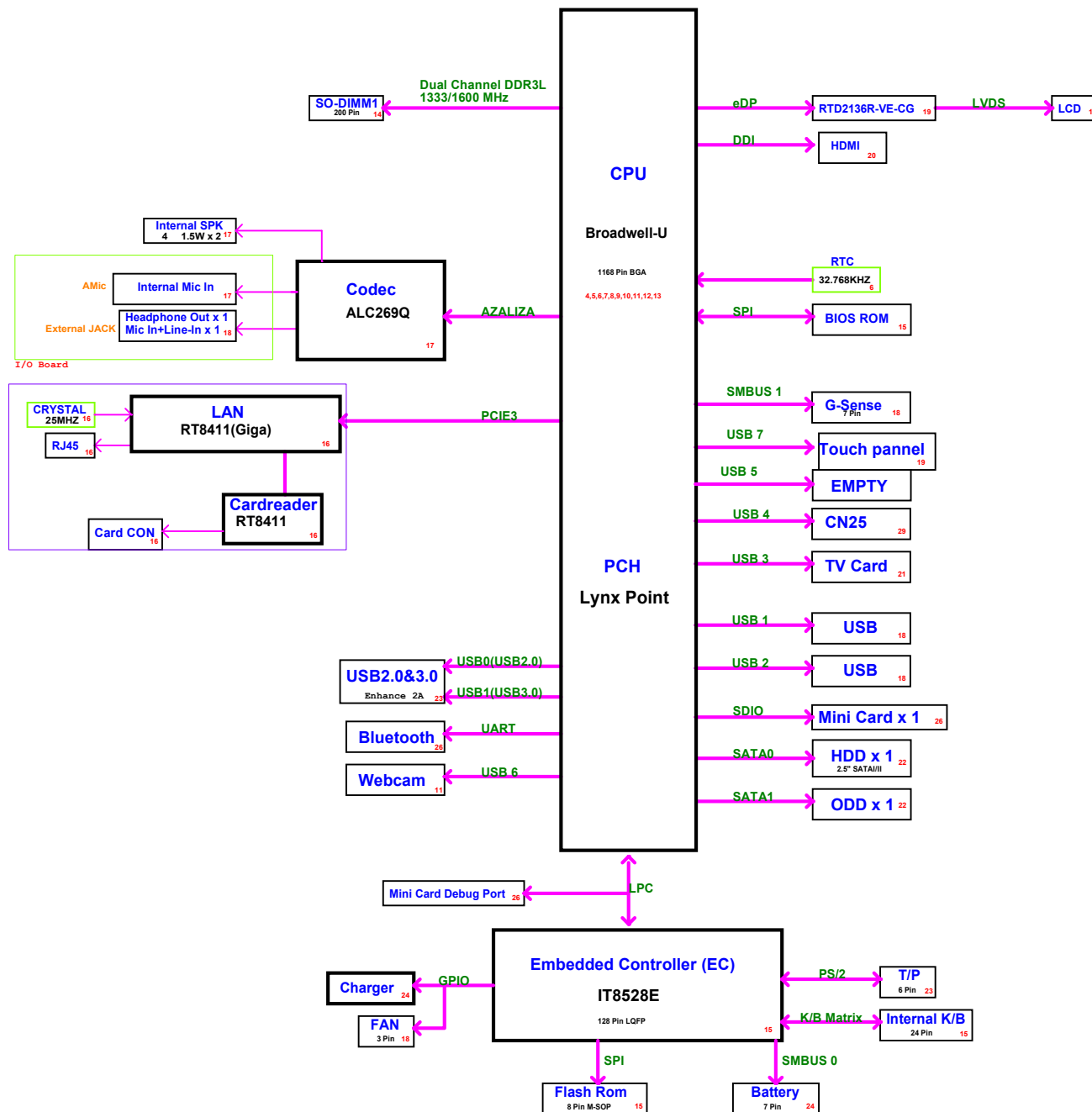
M/B Schematic Version Change List

Release Date	Version	PCB P/N	PCB Description	PCBA P/N	Note
2014-10-17	A				

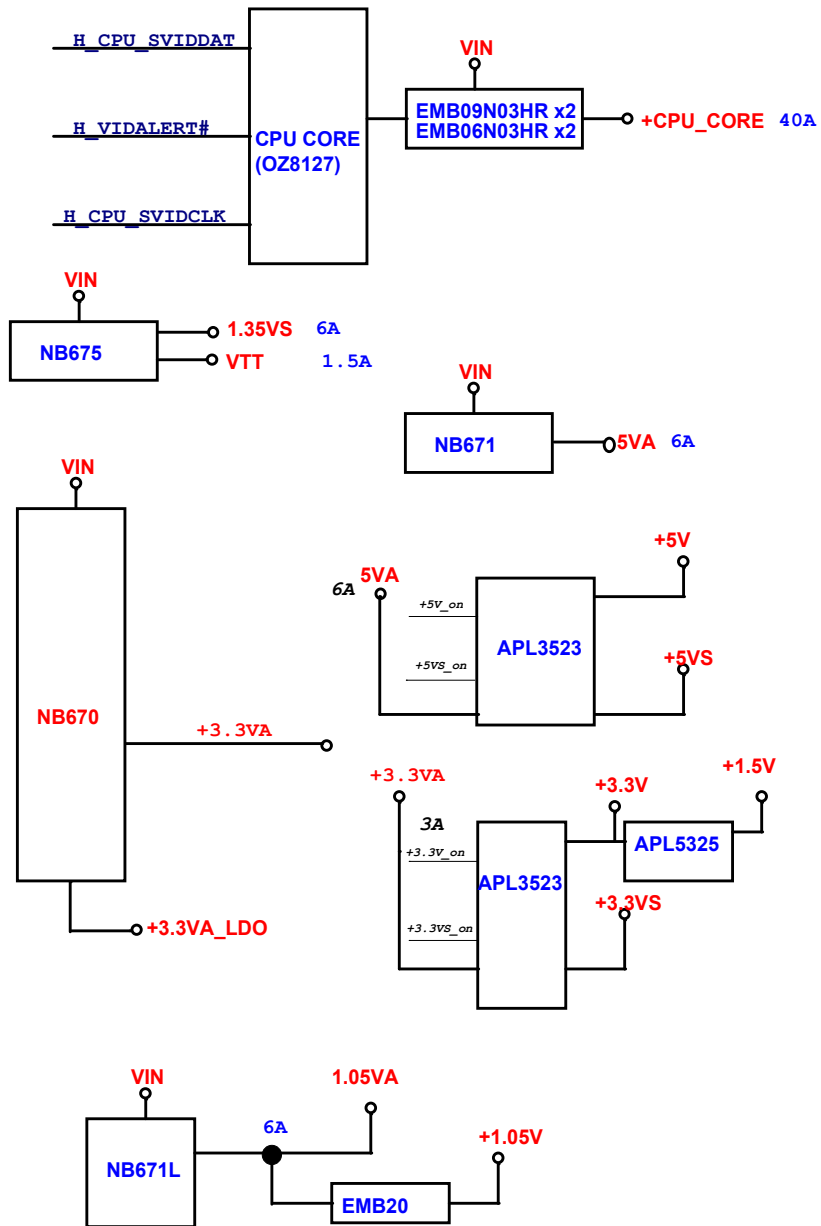
Daughter Board Schematic Version Change List

Release Date	Version	PCB P/N	PCB Description	PCBA P/N	Note

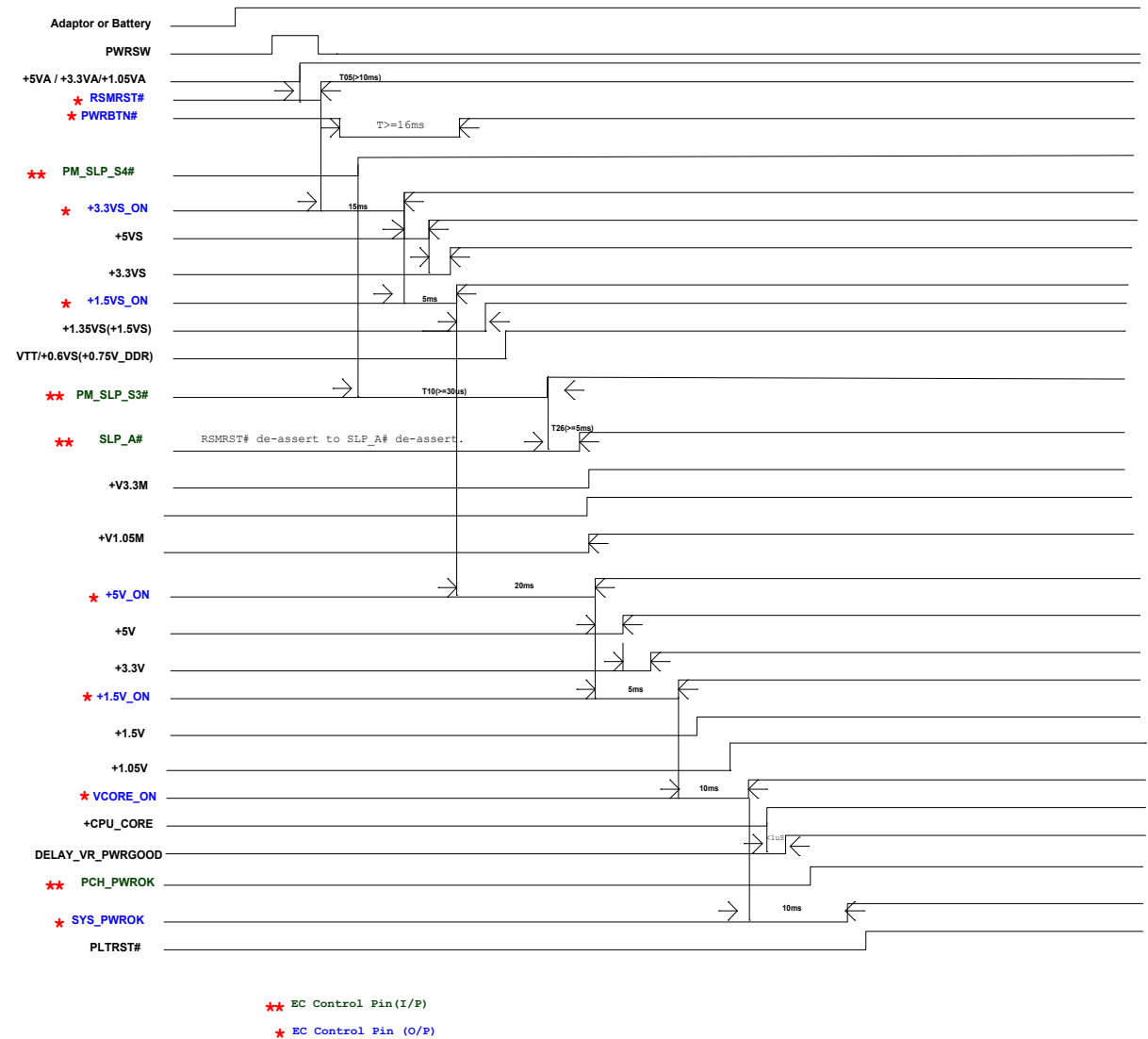
SYSTEM BLOCK DIAGRAM

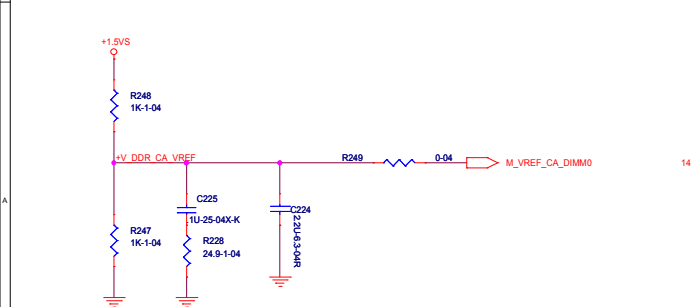


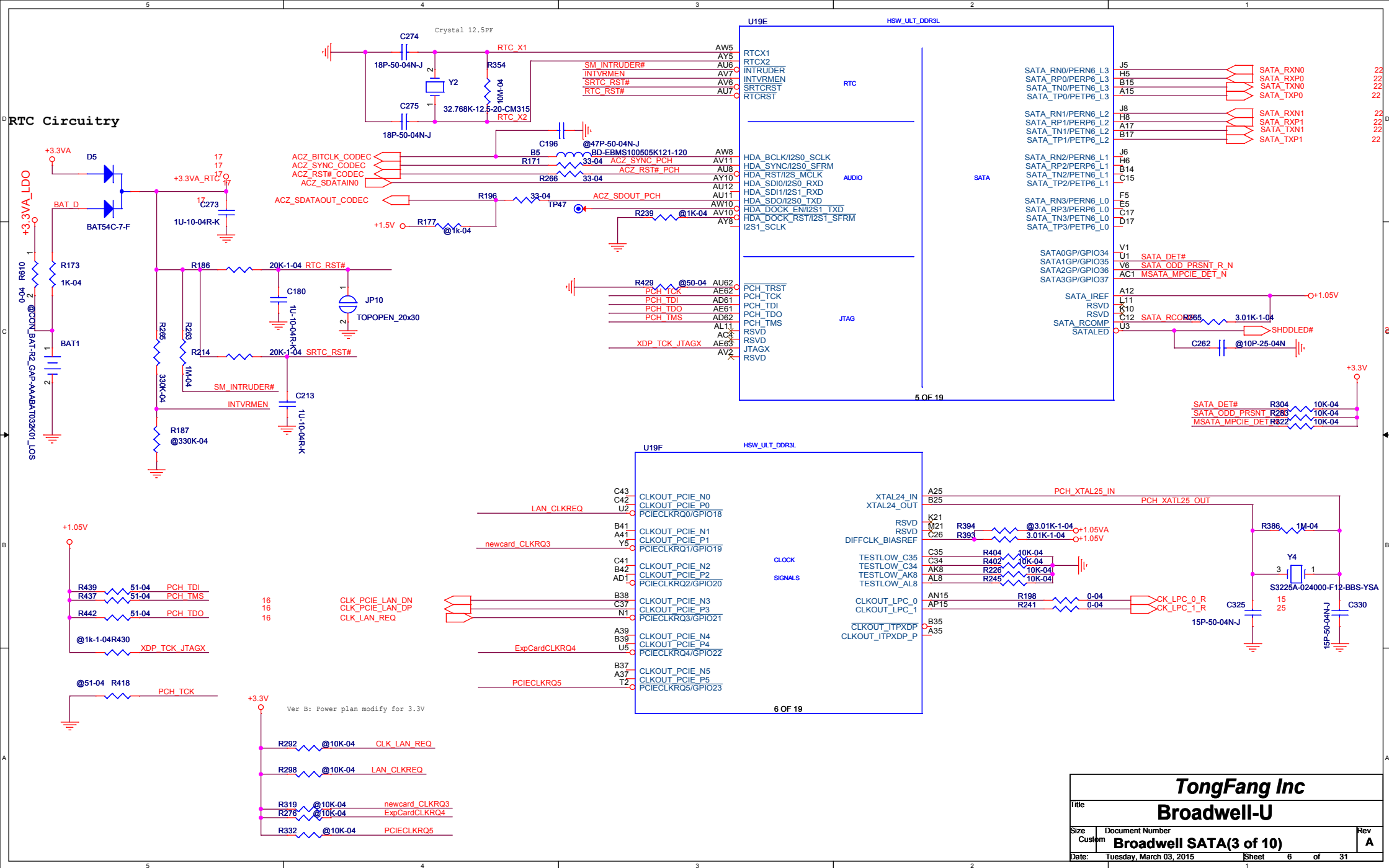
POWER BLOCK DIAGRAM

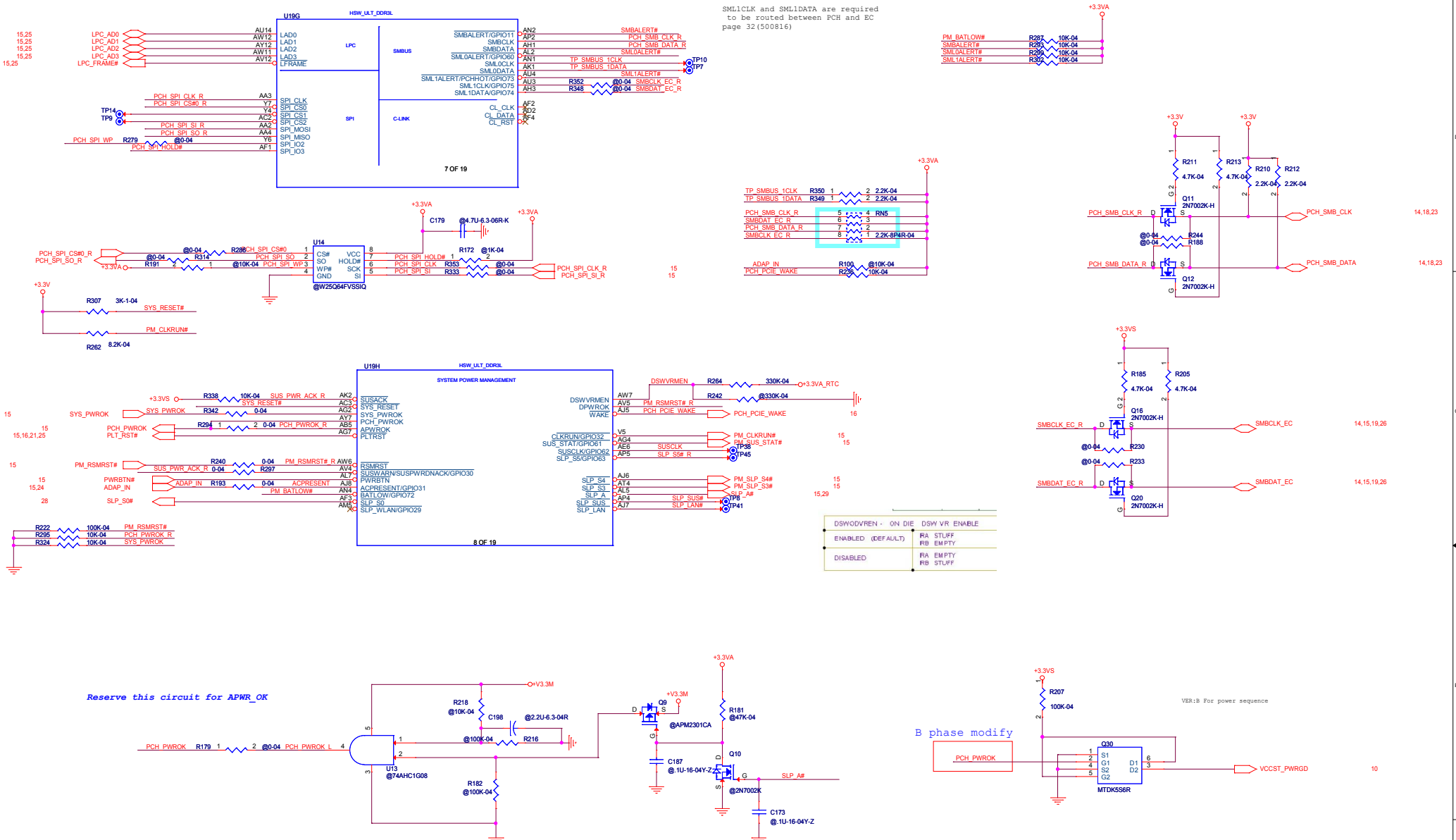


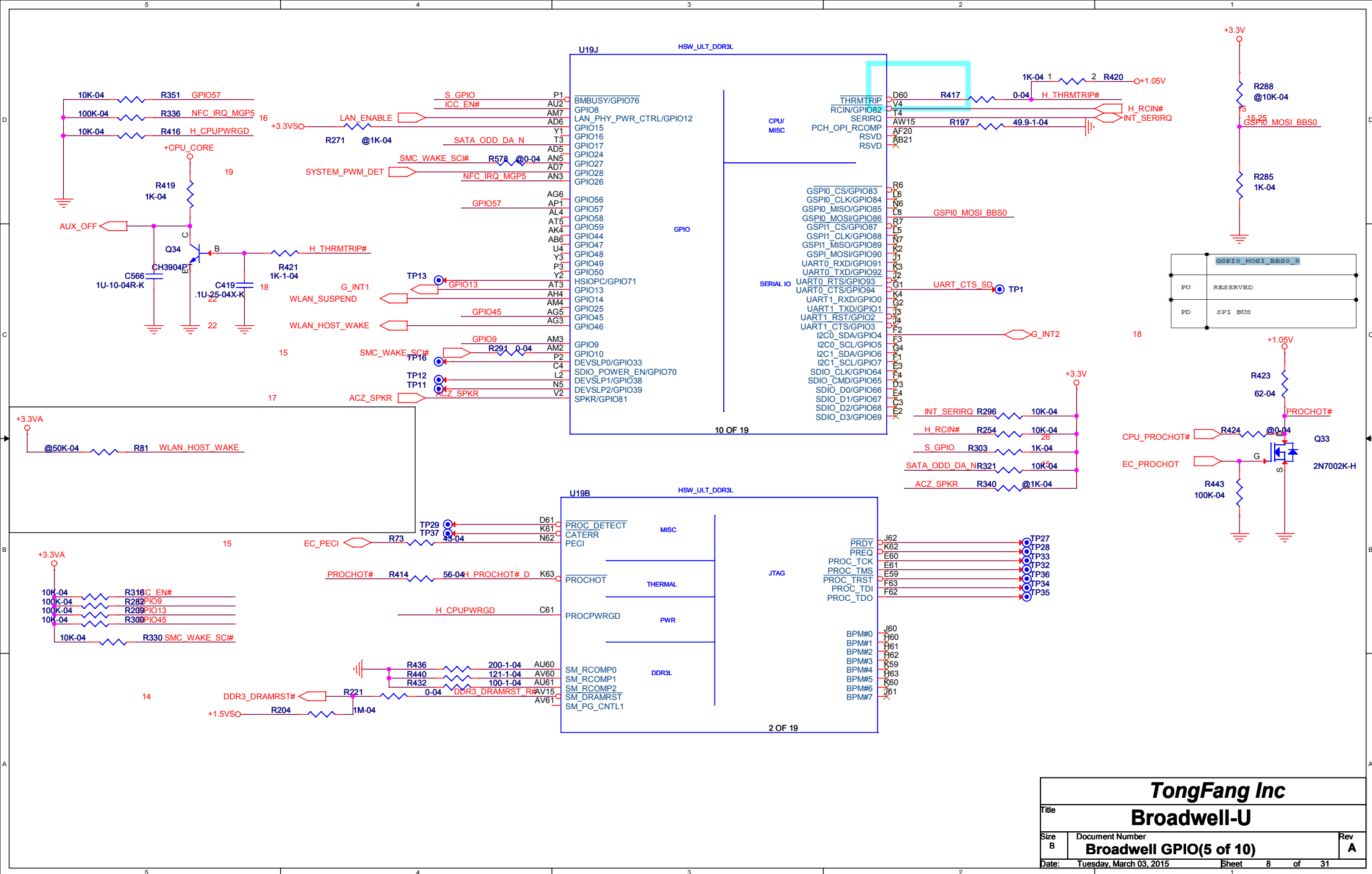
System Power On Sequence





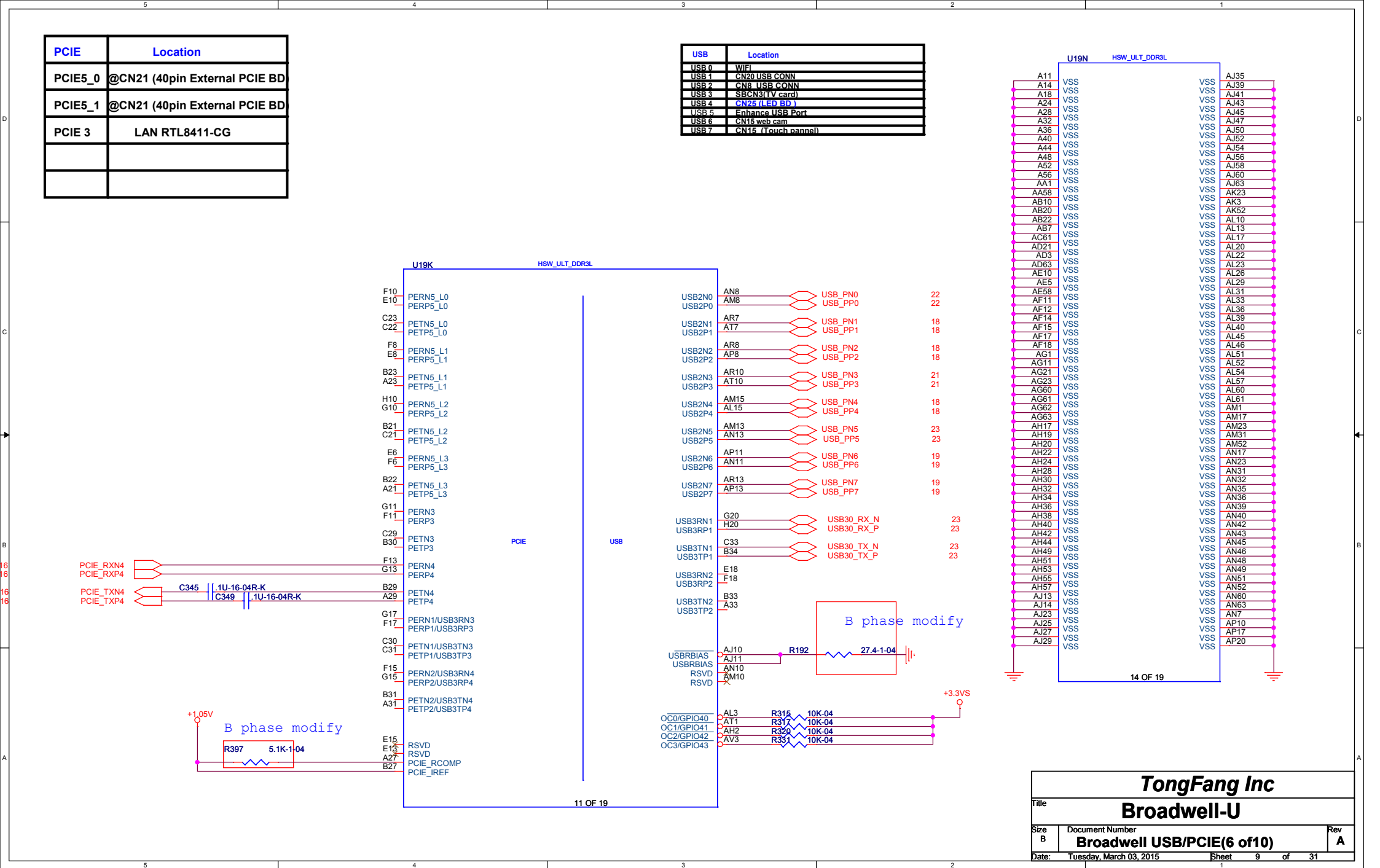




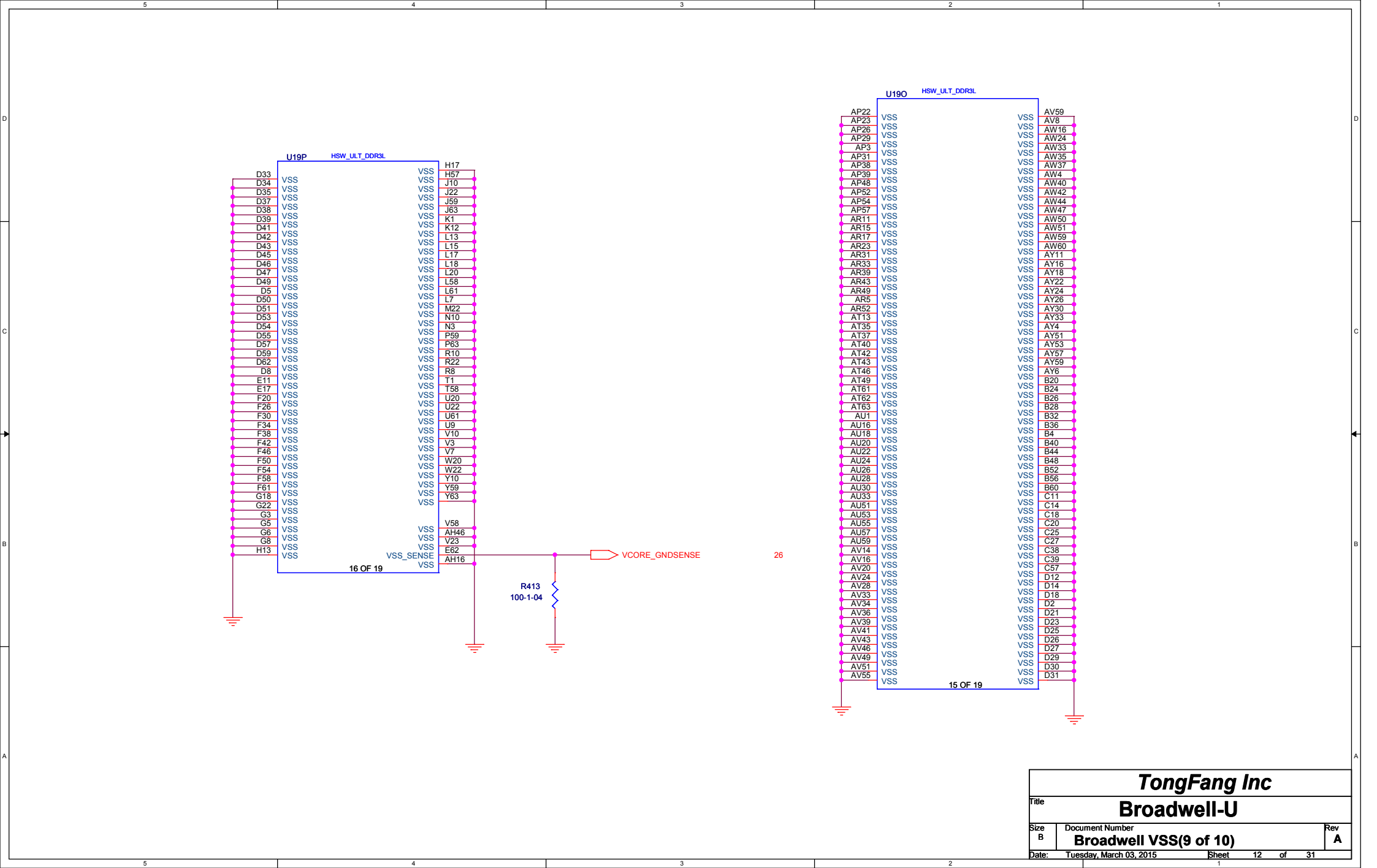


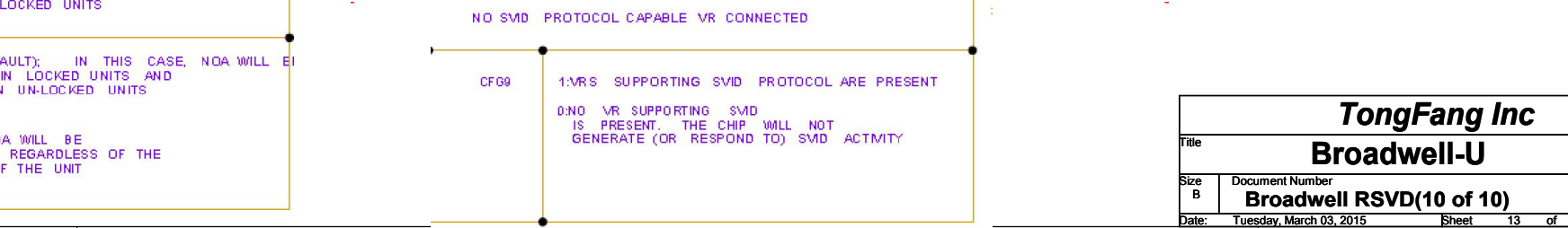
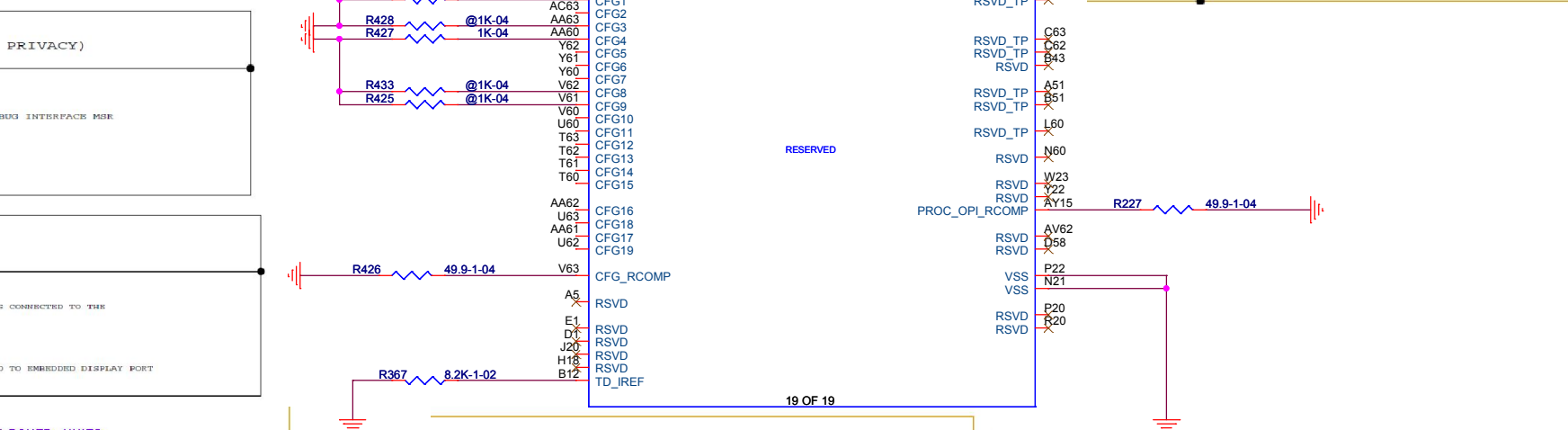
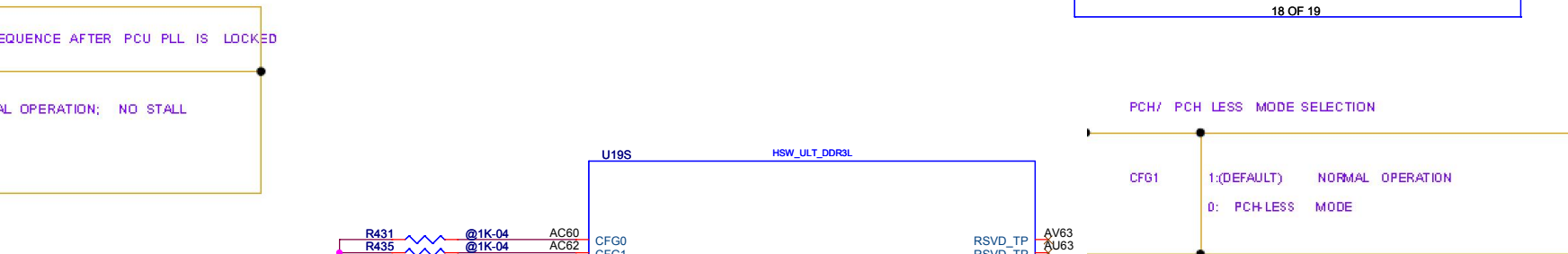
PCIE	Location
PCIE5_0	@CN21 (40pin External PCIE BD
PCIE5_1	@CN21 (40pin External PCIE BD
PCIE 3	LAN RTL8411-CG

USB	Location
USB 0	WiFi
USB 1	CN20 USB CONN
USB 2	CN8 USB CONN
USB 3	SBCN3(TV card)
USB 4	CN25 (LED BD)
USB 5	Enhance USB Port
USB 6	CN15 web cam
USB 7	CN15 (Touch pannel)

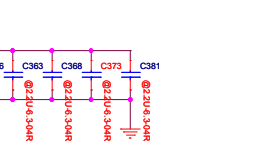
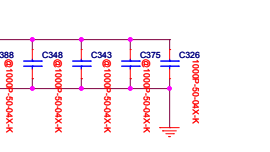
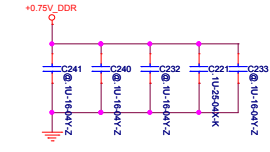


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Title Broadwell-U			
Size B	Document Number Broadwell USB/PCIE(6 of10)		Rev A
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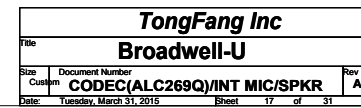


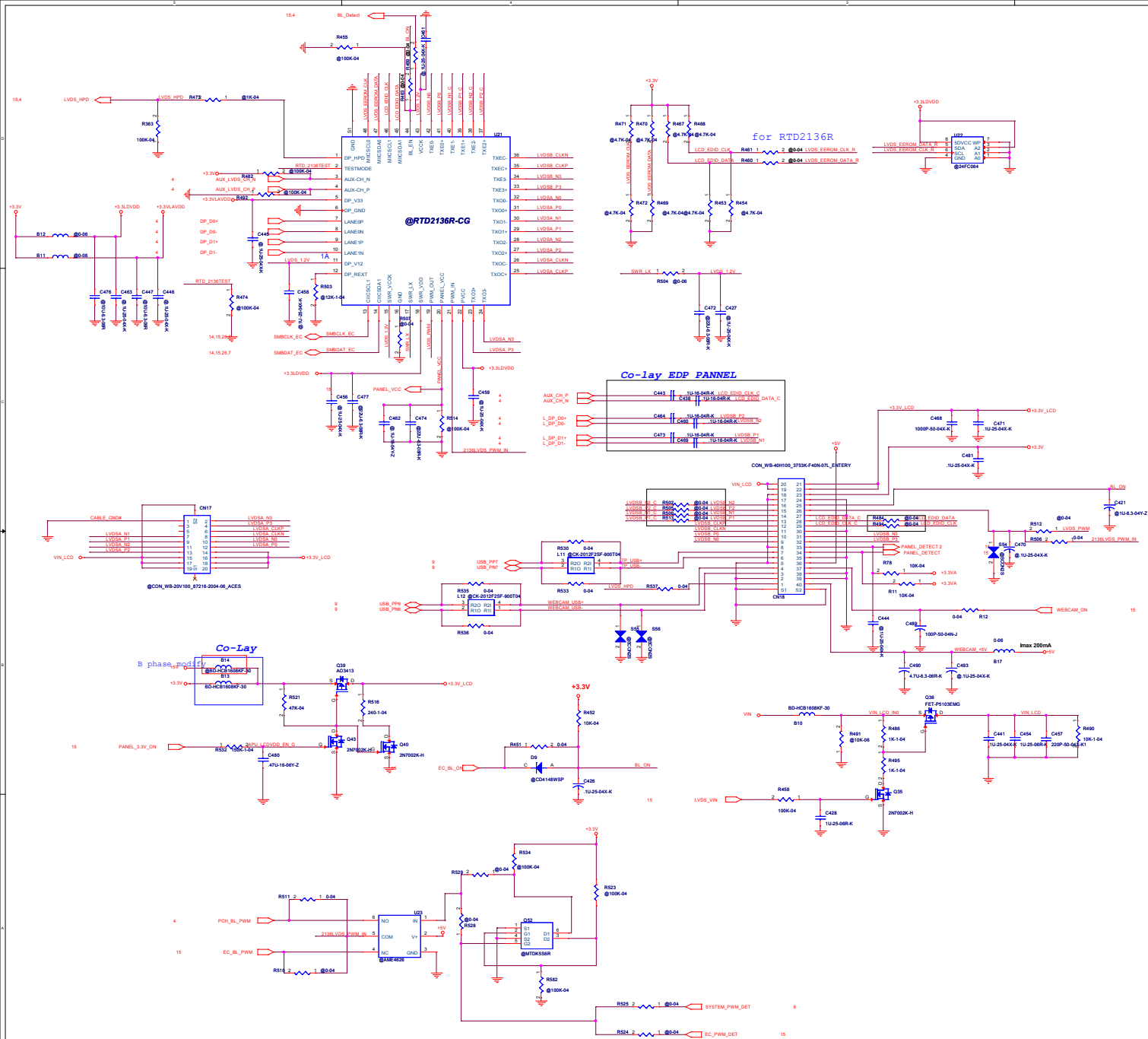


15,19,26,7

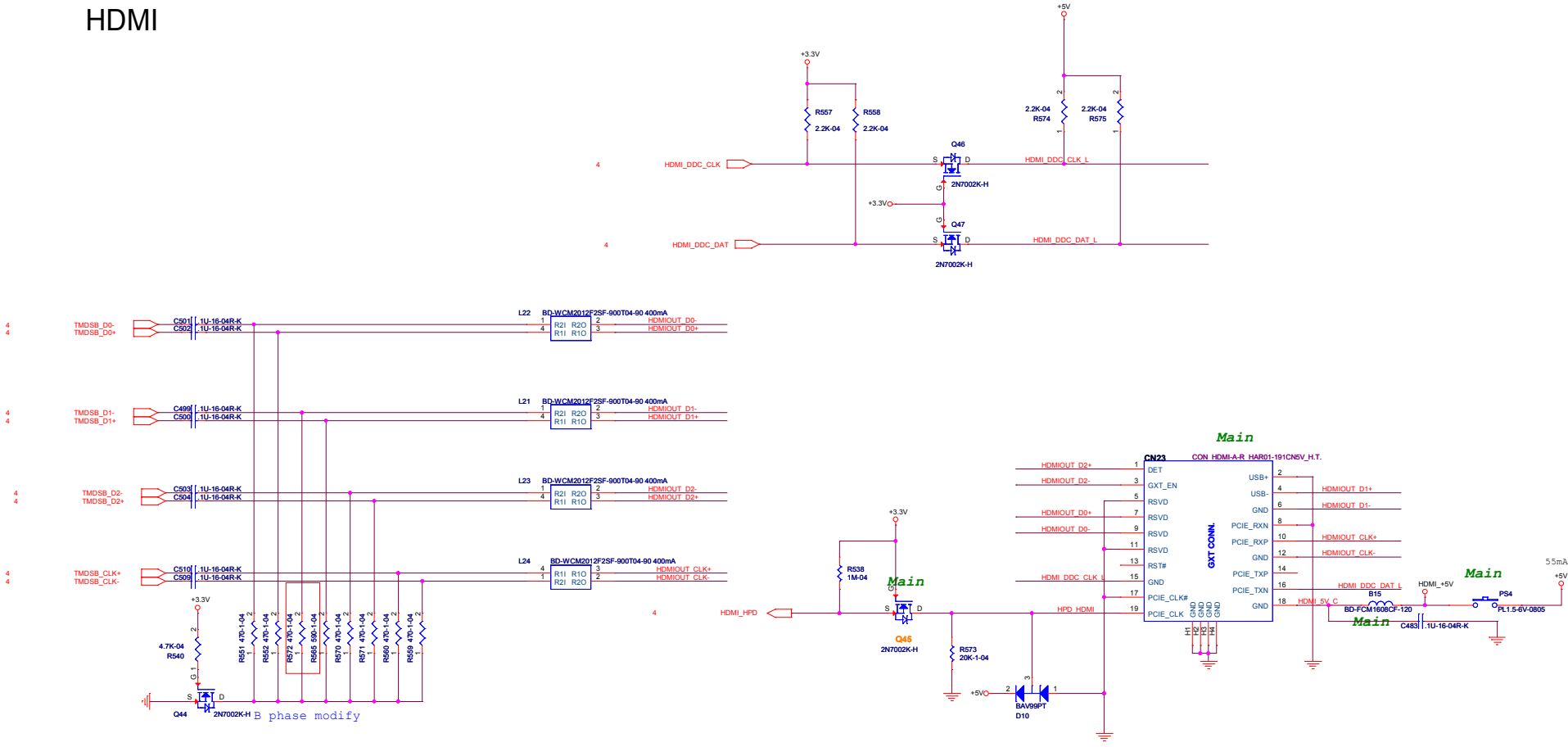


AMP VDD

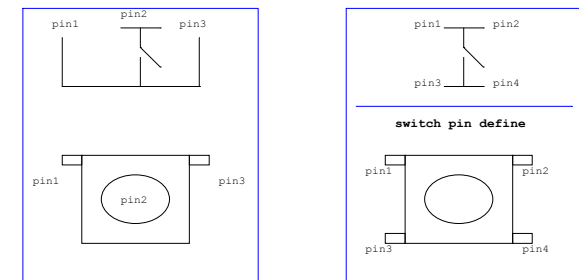
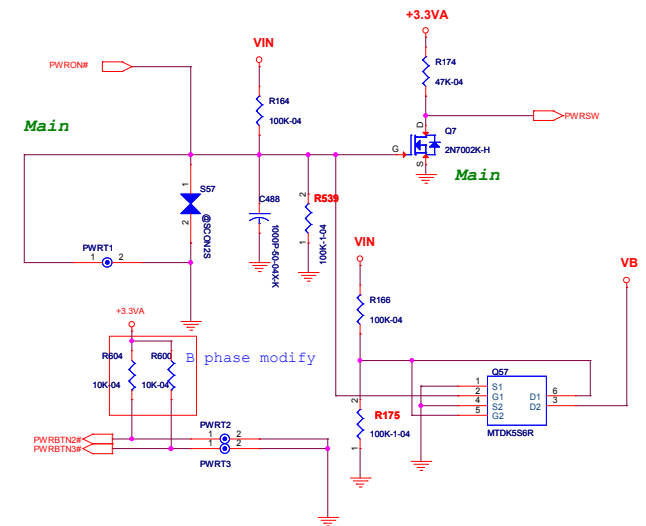




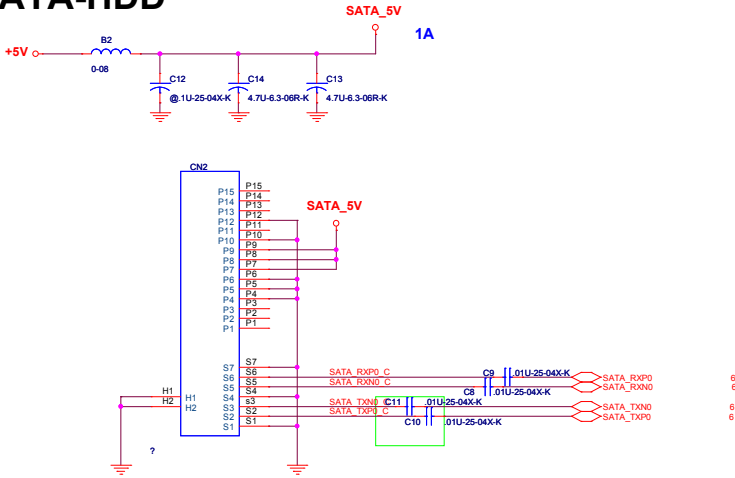
HDMI



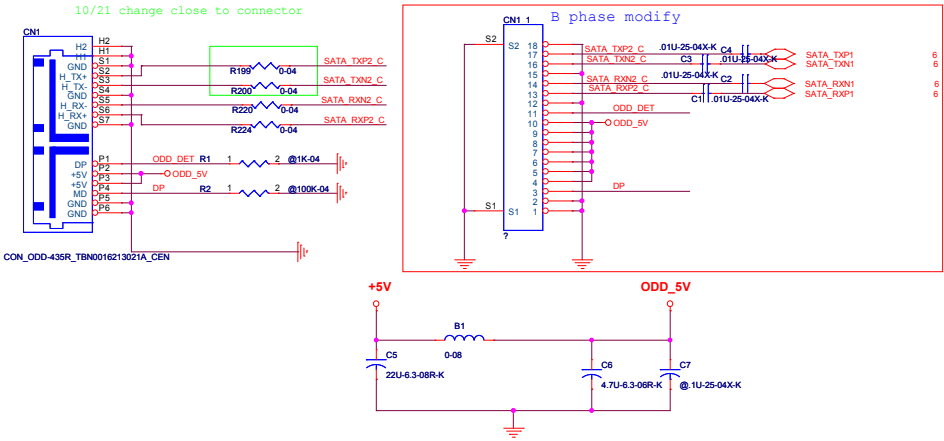
Finger print



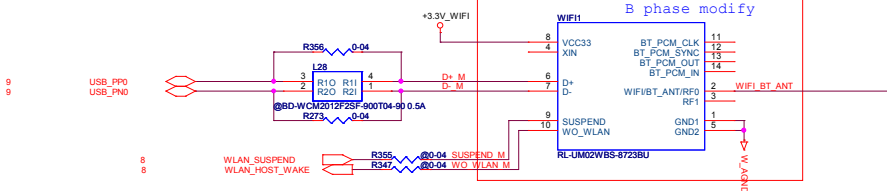
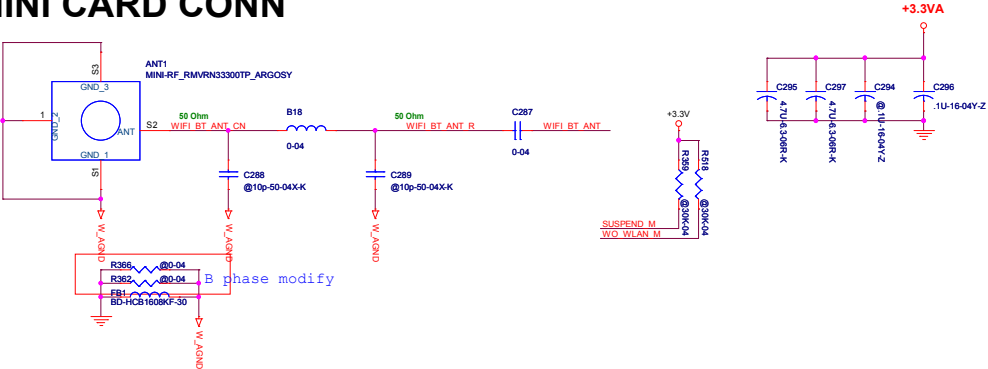
SATA-HDD



CD-ROM

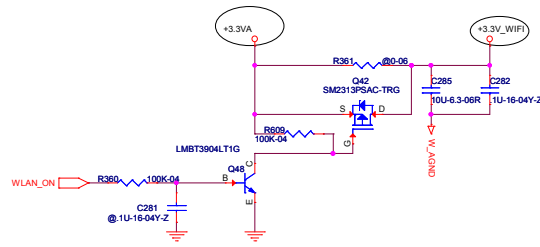


MINI CARD CONN

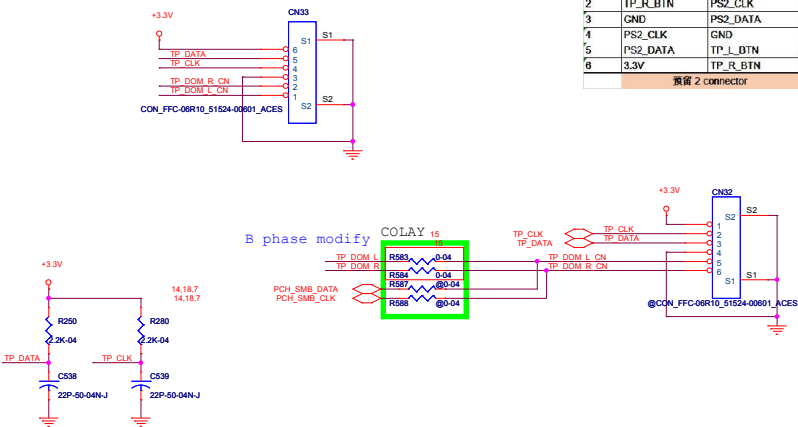


DEBUG CN

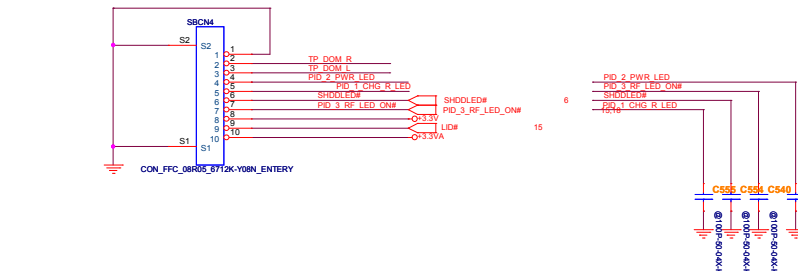
WIFI/BT POWER



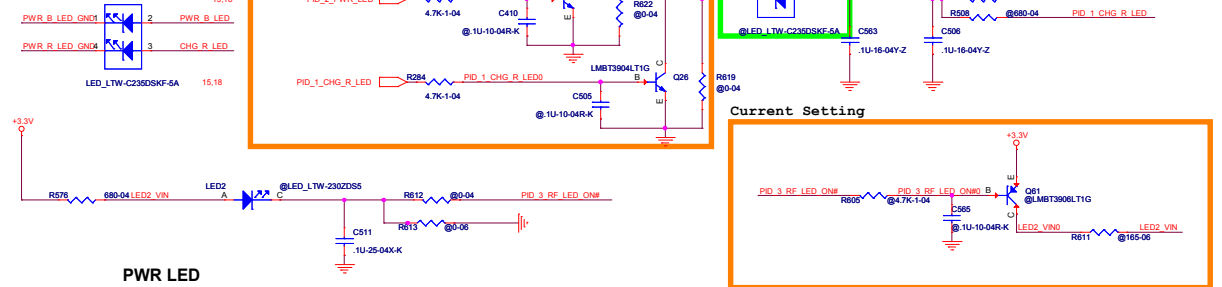
Touch Pad



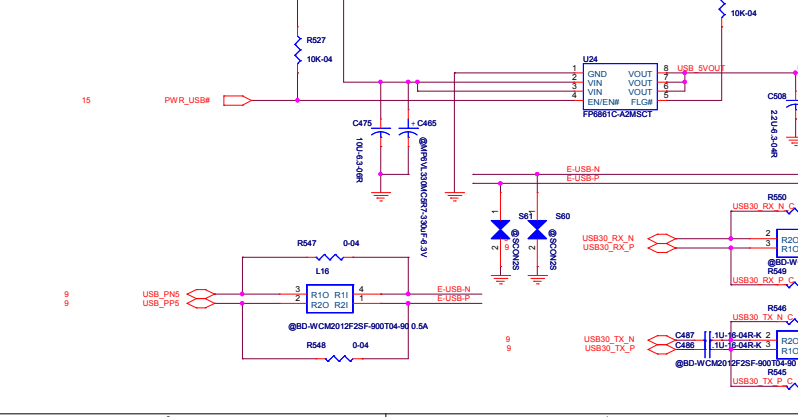
LED CONN



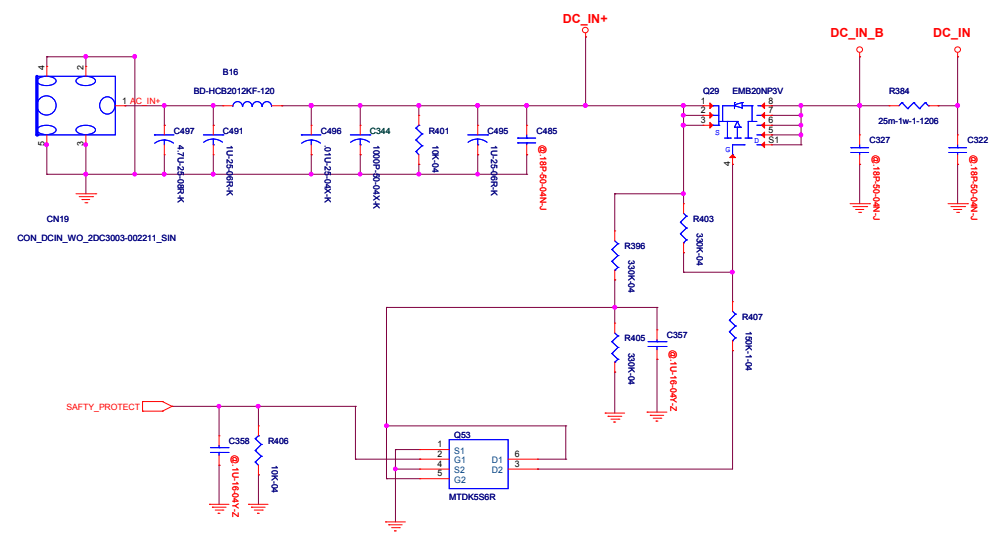
H-LED



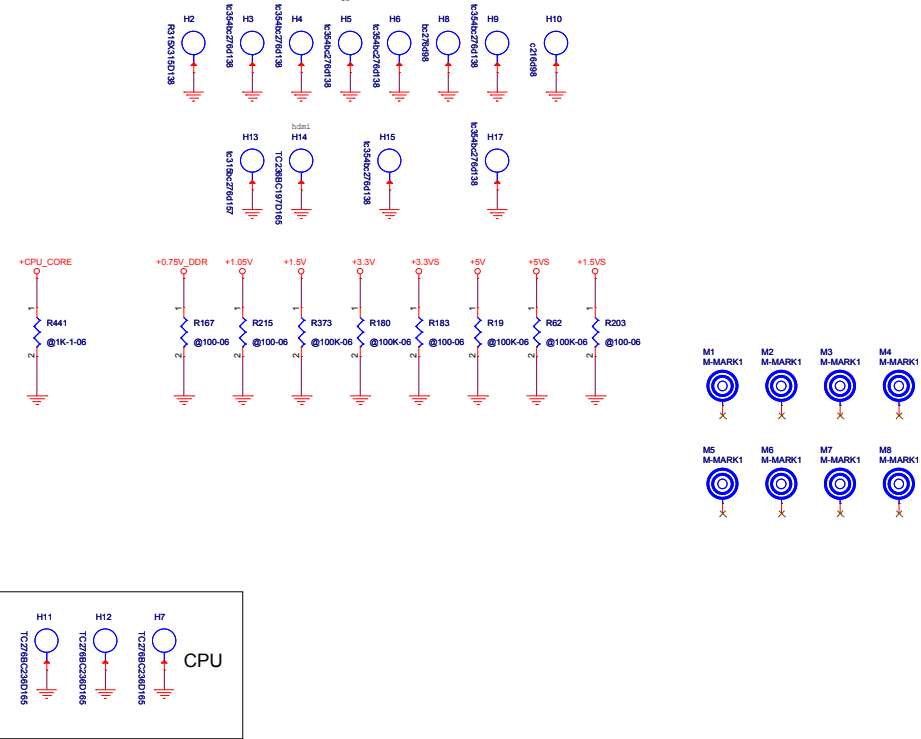
Enhance USB Port



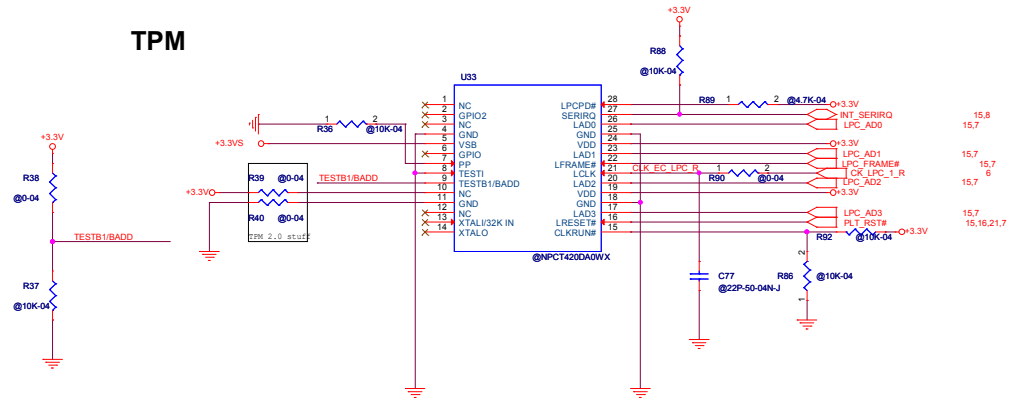
DC IN



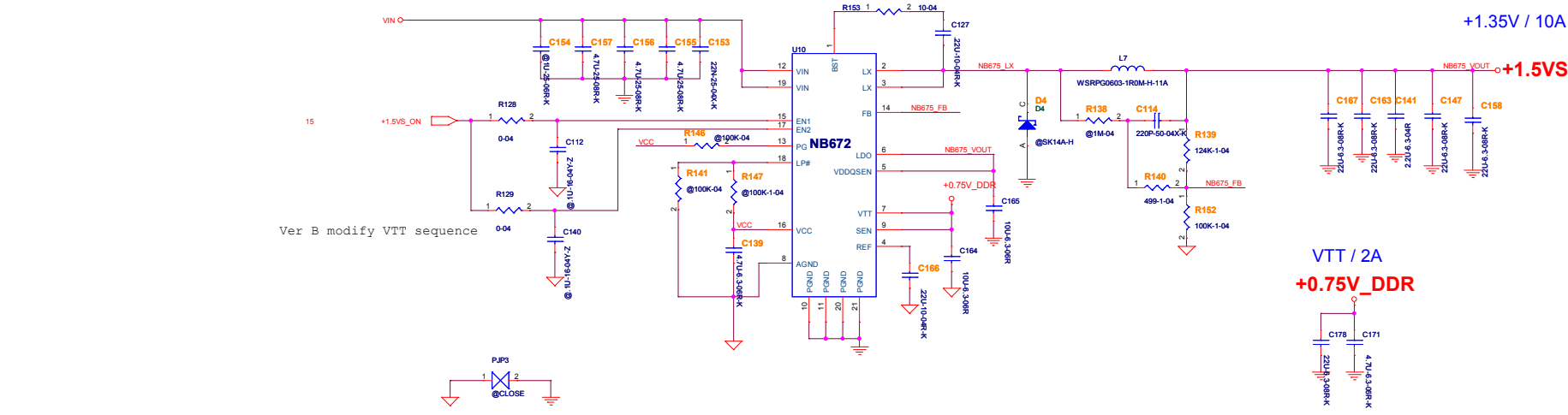
Discharge Resistor / Hole



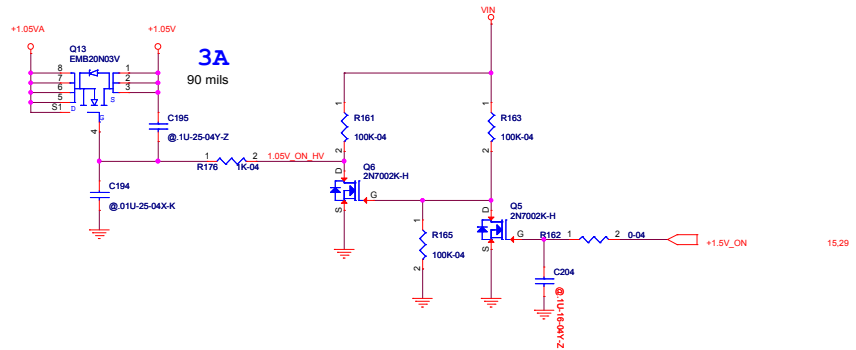
TPM



1.35VS/VTT Converter

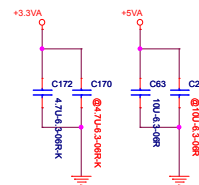
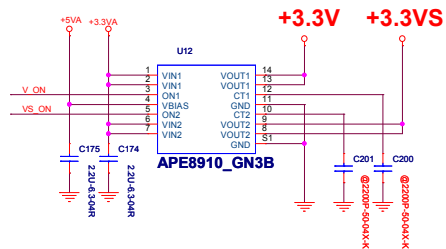
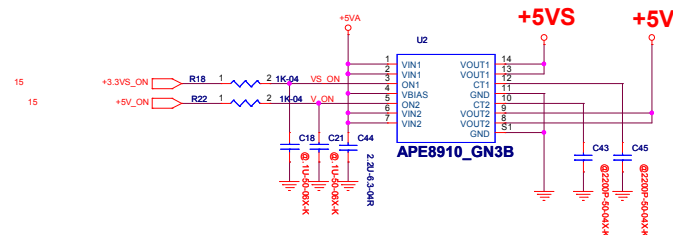
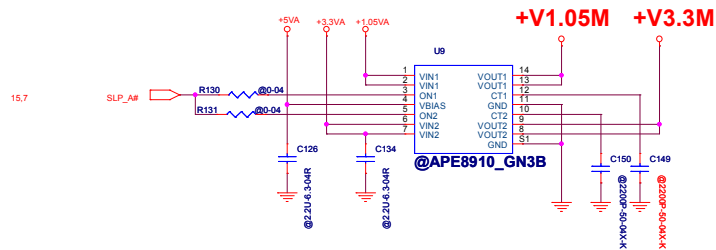


1.05V LDO

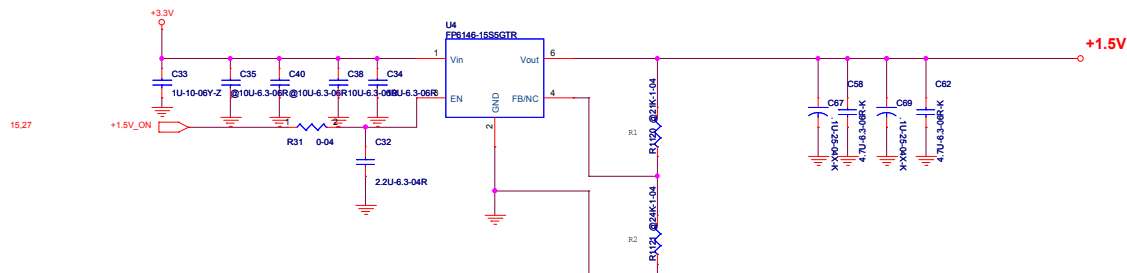


MA Converter

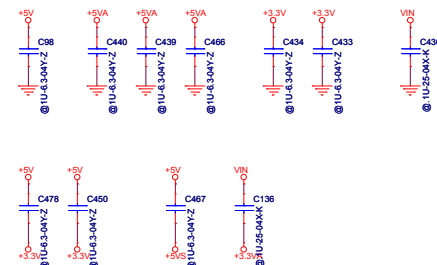
VCCSW



1.5V LDO



HIGH-SPEED CAP



B TO NPI PHASE

- 1.change Cardreader CONN
- 2.Change B5 from BD-FCM1608CF-120 to BD-EBMS100505K121-120
- 3.Change BAT CONN pin H1 to GND
- 4.VCCIO_OUT change to +1.05V
- 5.remove jumper
- 6.change U8 from VT1802S to ALC269Q-VC

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Title **Broadwell-U**

Size
A

Document Number

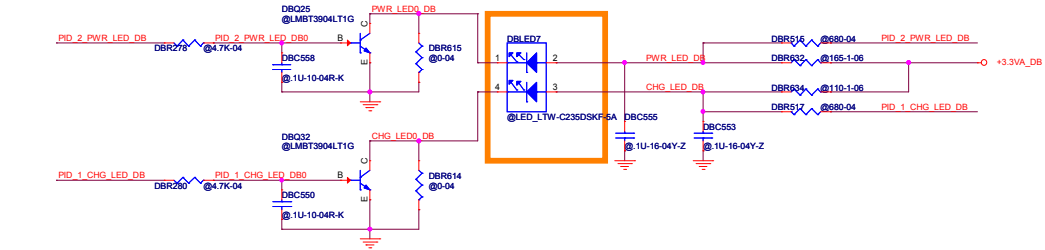
History

Rev
1.0

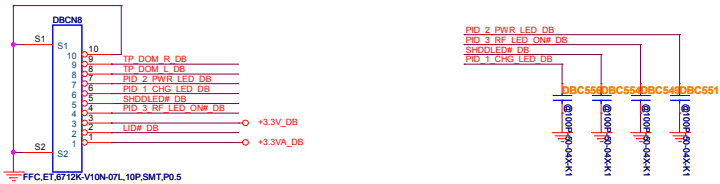
Date: Tuesday, March 03, 2015

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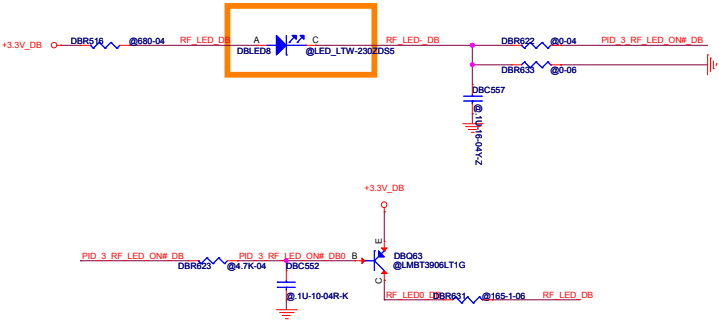
PWR/CHG LED



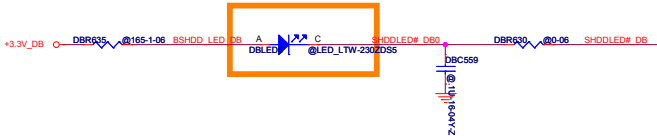
TP DOME /LED CONN



WLAN LED

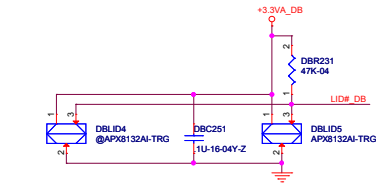


SATA HDD LED



Hall Sensor

	LID_R	LID
Close	low	low
Open	high	high



Touch Pad

