1. Schematic Page Description:

Origins Schematic Ver:

USB3/2 port mapping

USB3 Port No#	Usage	USB2 Port No#	Usage
USB3P0	NA	USB2P0	NA
USB3P1	I/O	USB2P1	I/O(3.0)
USB3P2	I/O	USB2P2	I/O(3.0)
USB3P3	NA	USB2P3	CCD
		USB2P4	BT

PCIe port mapping

PCIe port No#	Usage	PCIe CLK#	Usage
PCIe_0	NA	PCIe_CLK0	NA
PCle_1	NA	PCIe_CLK1	NA
PCIe_2	WLAN	PCIe_CLK2	WLAN
PCIe_3	NA	PCIe_CLK3	NA

SoC I2C table

Function	Channel	Read	Write		
NA	I2C0	0x?			
PMIC	I2C1	0x?	0x?		
Audio codec	I2C4				
Track Pad	12C5				
EC	I2C6				

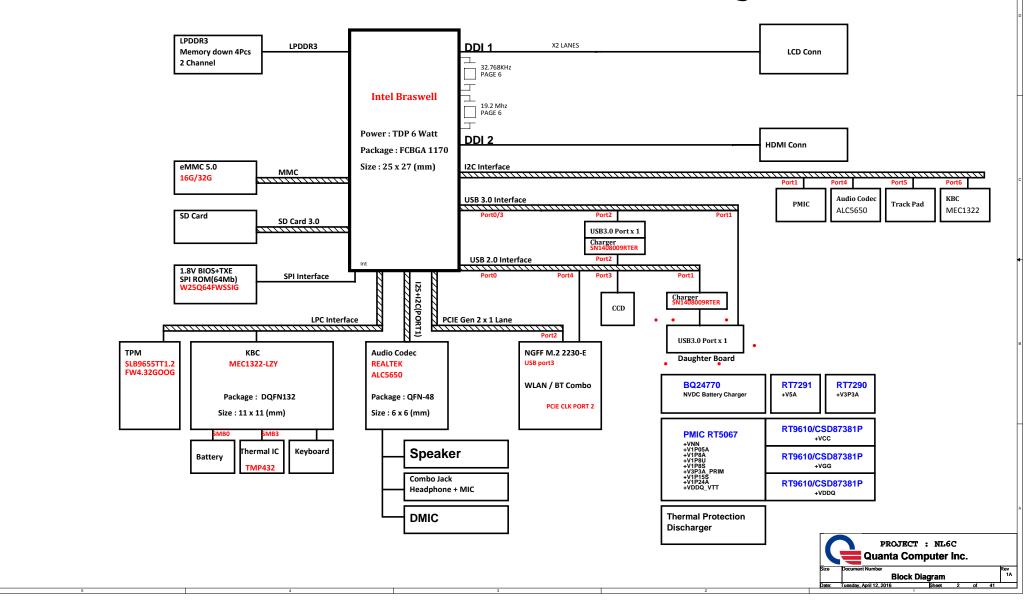
EC SMBus/I2C table

Function	Channel	Address
Battery/charger	SMB0	
NA	SMB1	
PCH	I2C1	
NA	I2C2	
Thermal	I2C3	

Current sensor address

Function	Channel	Function	Channel
+VBATA	0x47	+VCC_OUT	0x40
+V5A	0x43	+VGG	0x44
+V3P3A	0x4B	+VNN	0x45
+V1P05A	0x46	+VDDQ_OUT	0x41
+V1P8A	0x49		

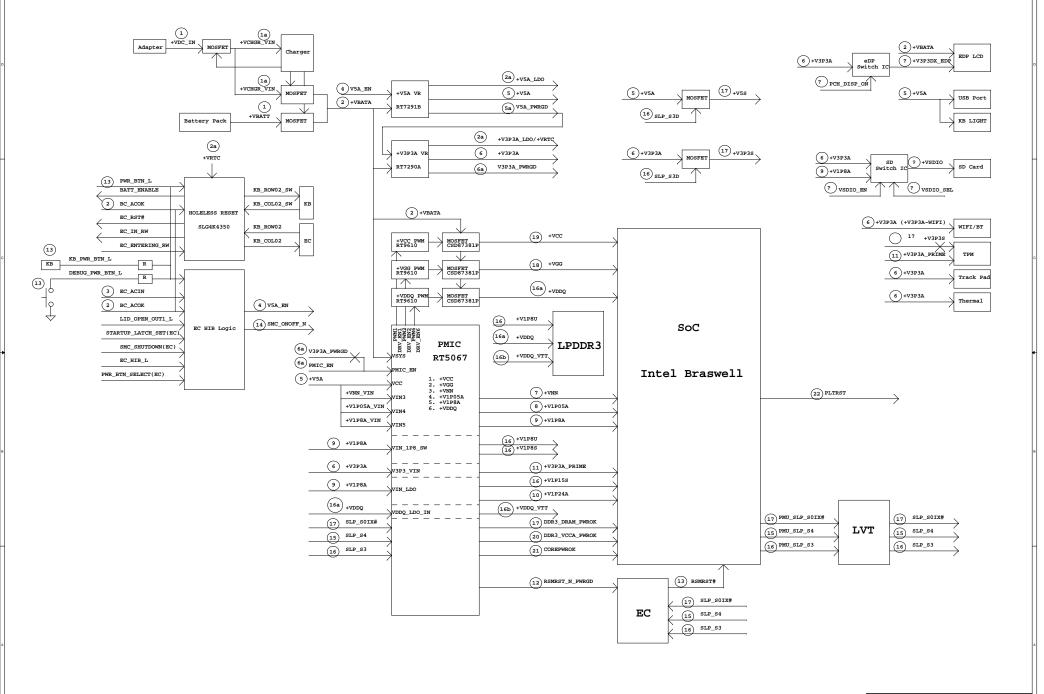
NL6C Chromebook Intel Braswell Platform Block Diagram



03 PROJECT: NL6C

Quanta Computer Inc. HTTPS://EN-MANUALS.CLAN.SU

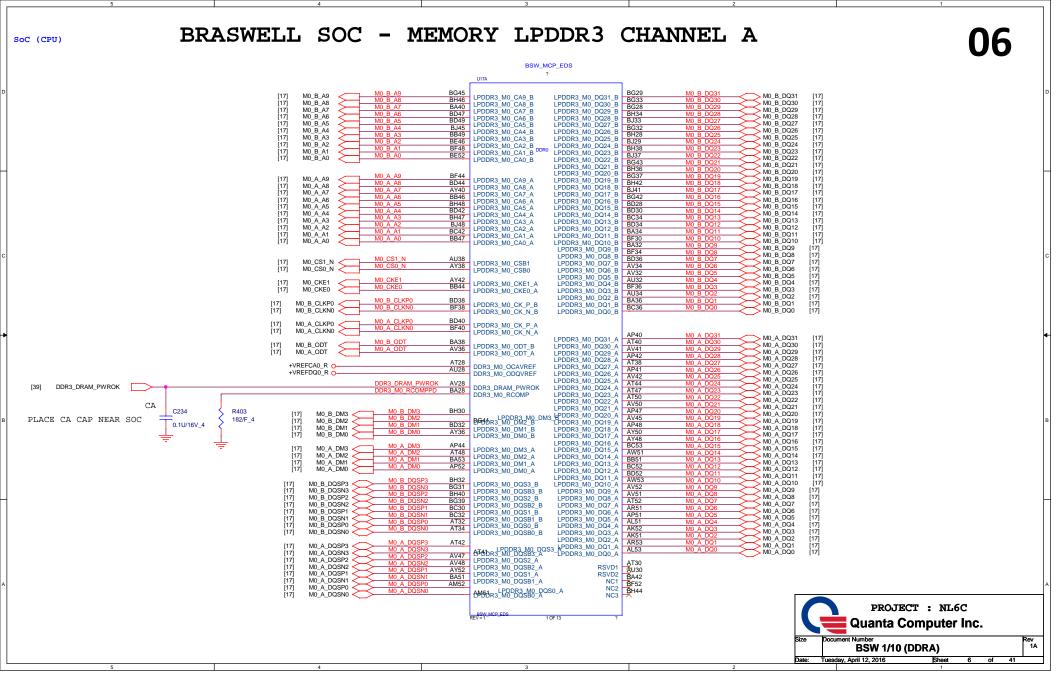
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									San Danman Markey	ECT : NL6C Computer Inc. BUS_I2C
1		2	3	4	†	5	3	7.	page. 1003047, Ayris 1.5, 2016	8 s

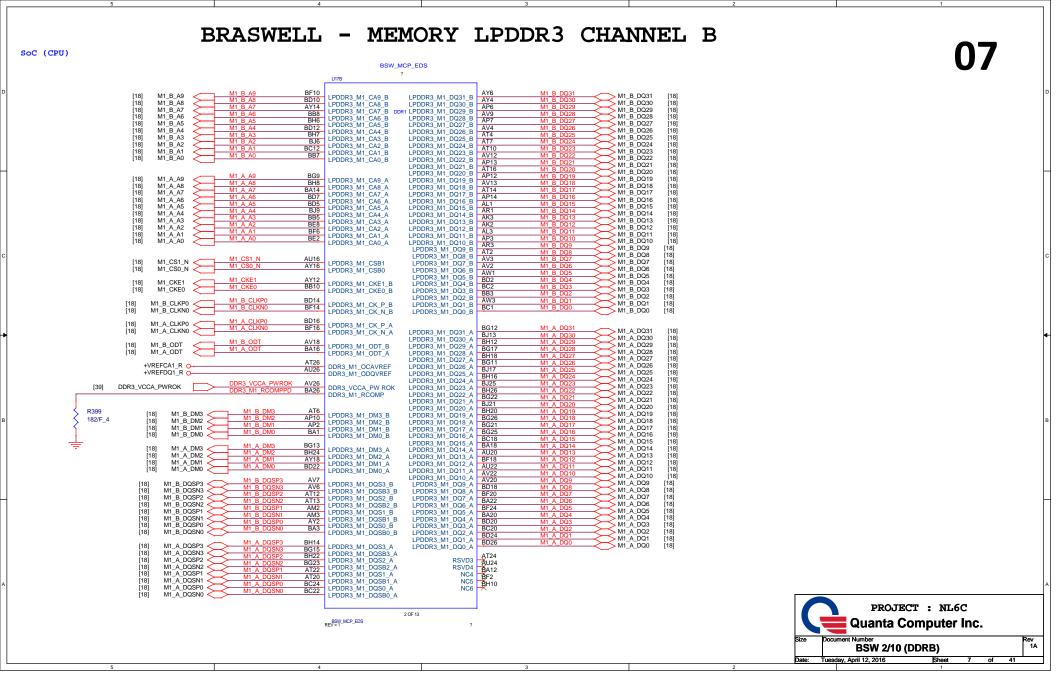


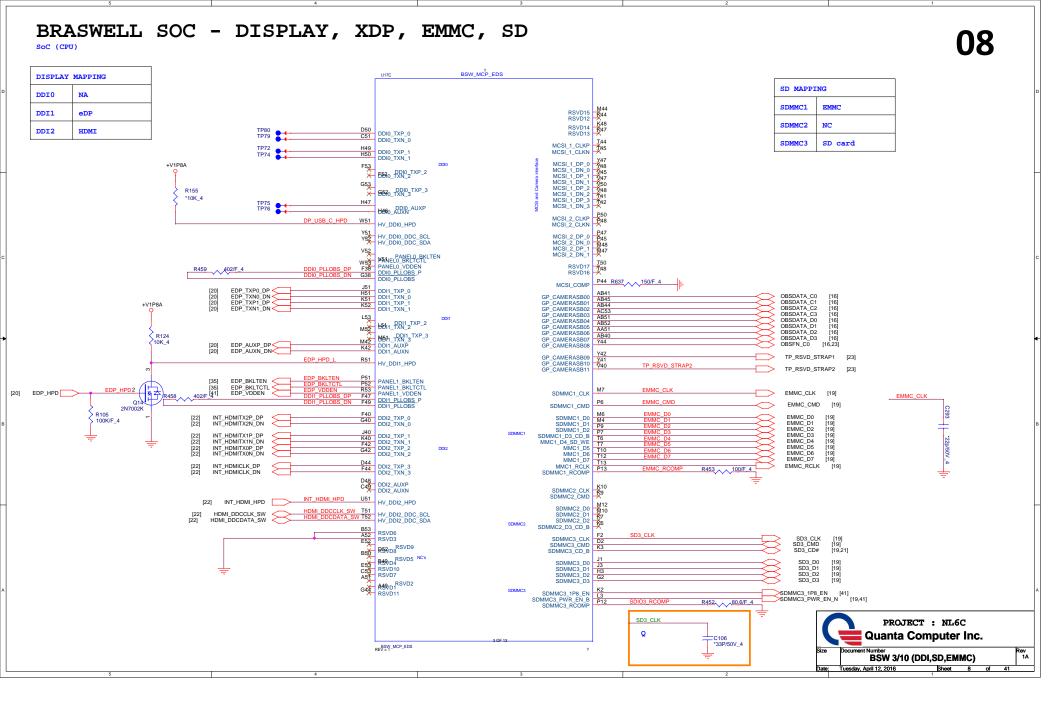
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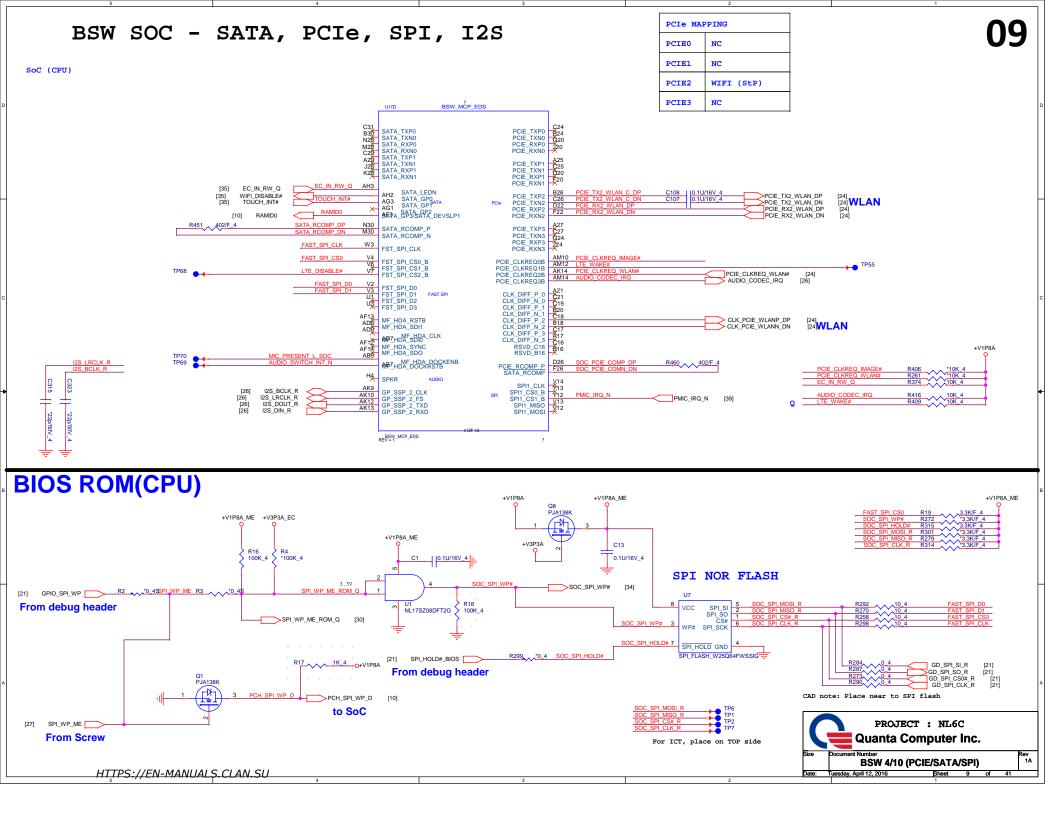
PROJECT: NL6C
Quanta Computer Inc.

Size Documer Number
BSW PWR TREE
1A
Date: Tuesday April 12 2016
See See 5 d 41









WT:B K4E8E324EB-EGCF

EDF8132A3MA-JD-F-R

4GB

4Gb

1866MHz

PROJECT : NL6C

Quanta Computer Inc.

BSW 5/10 (I2C/DFX/GPIO)

lev 1A

1 (2-CH

1 (2-CH

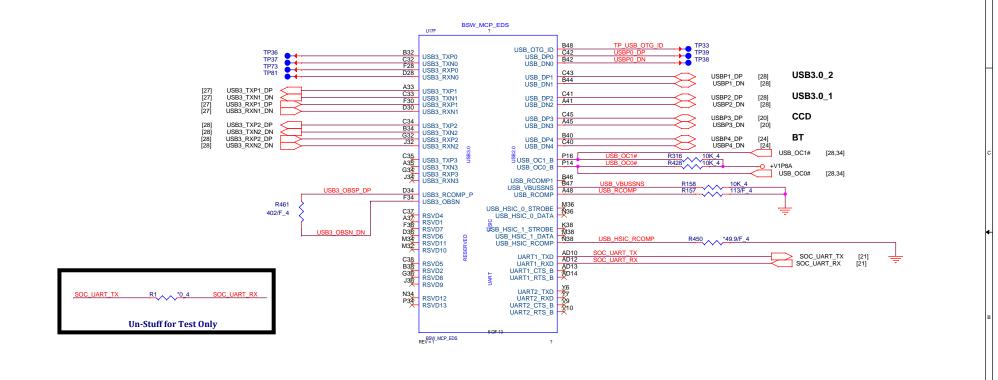
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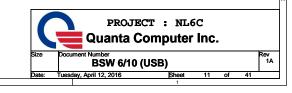
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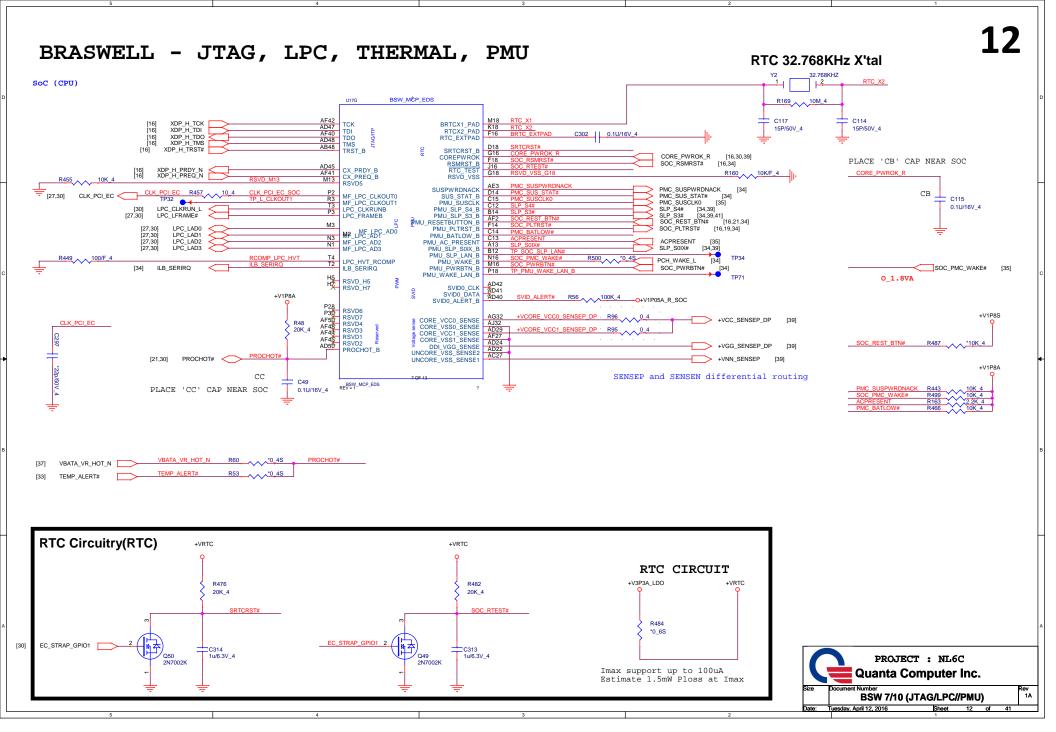
AKD5QWST521

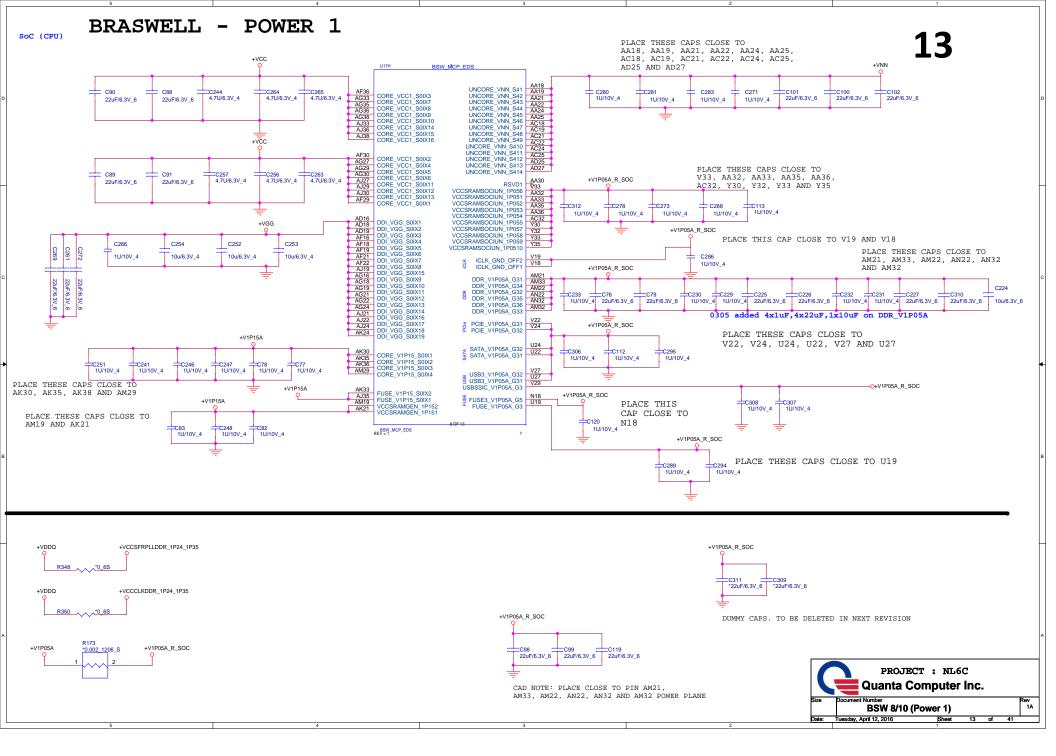
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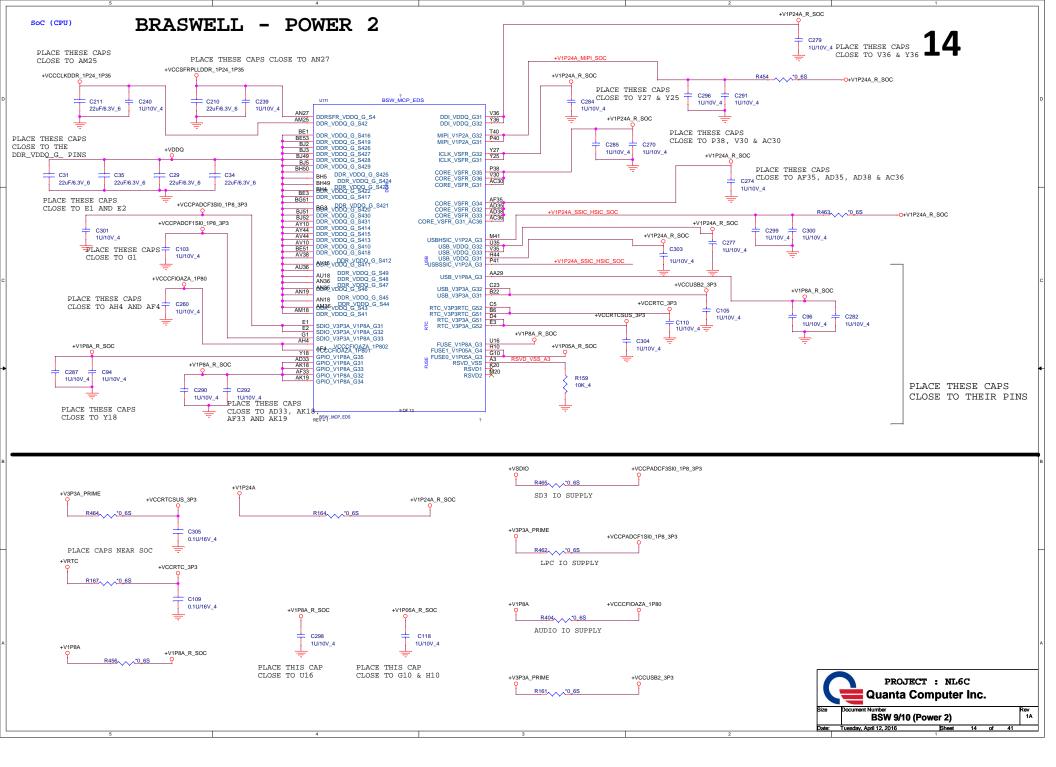
SoC (CPU)

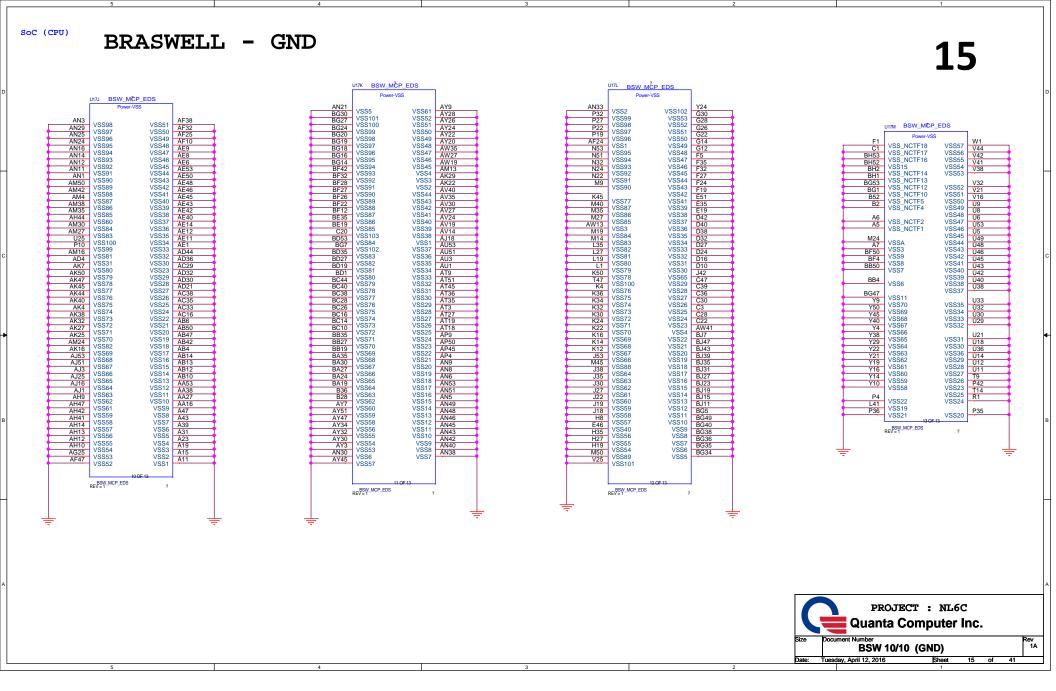


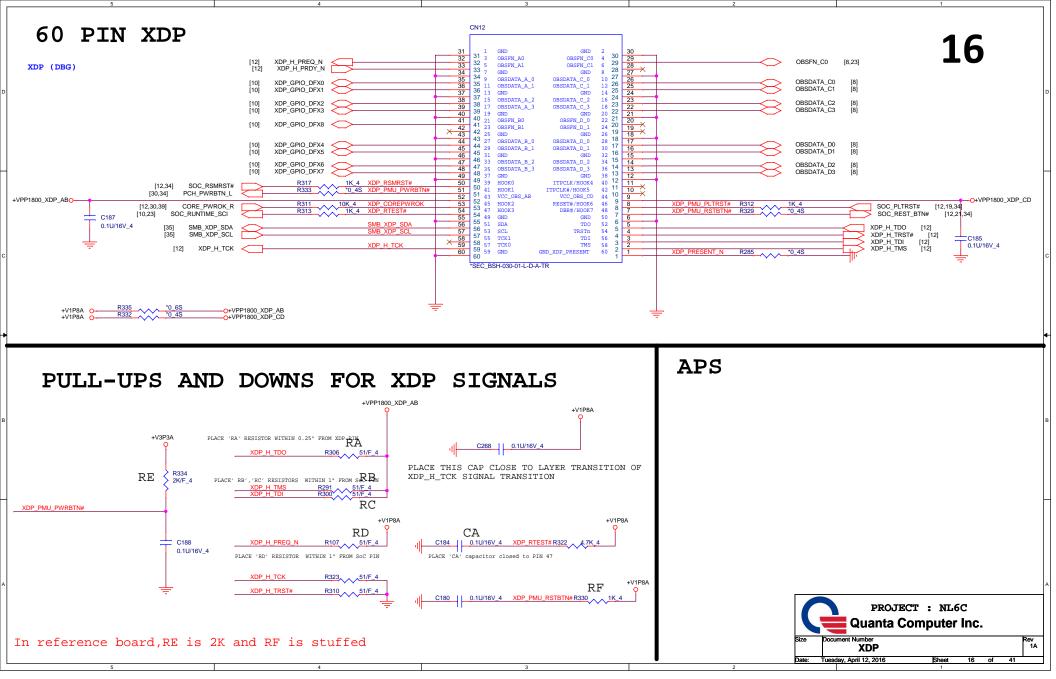


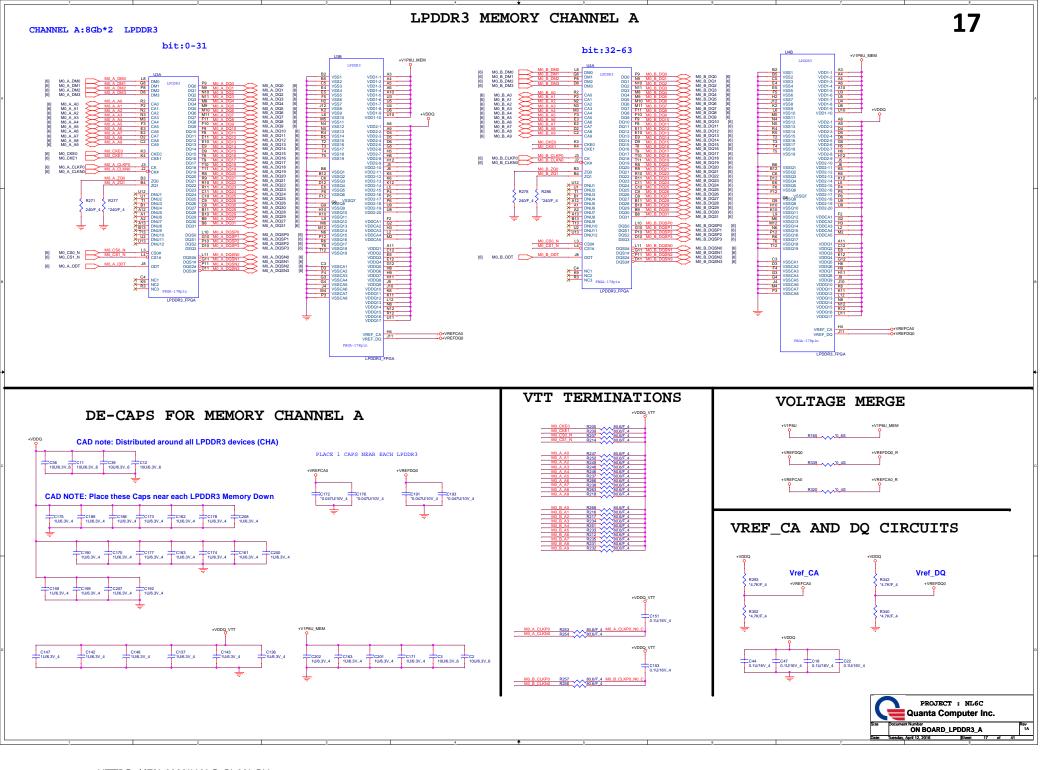


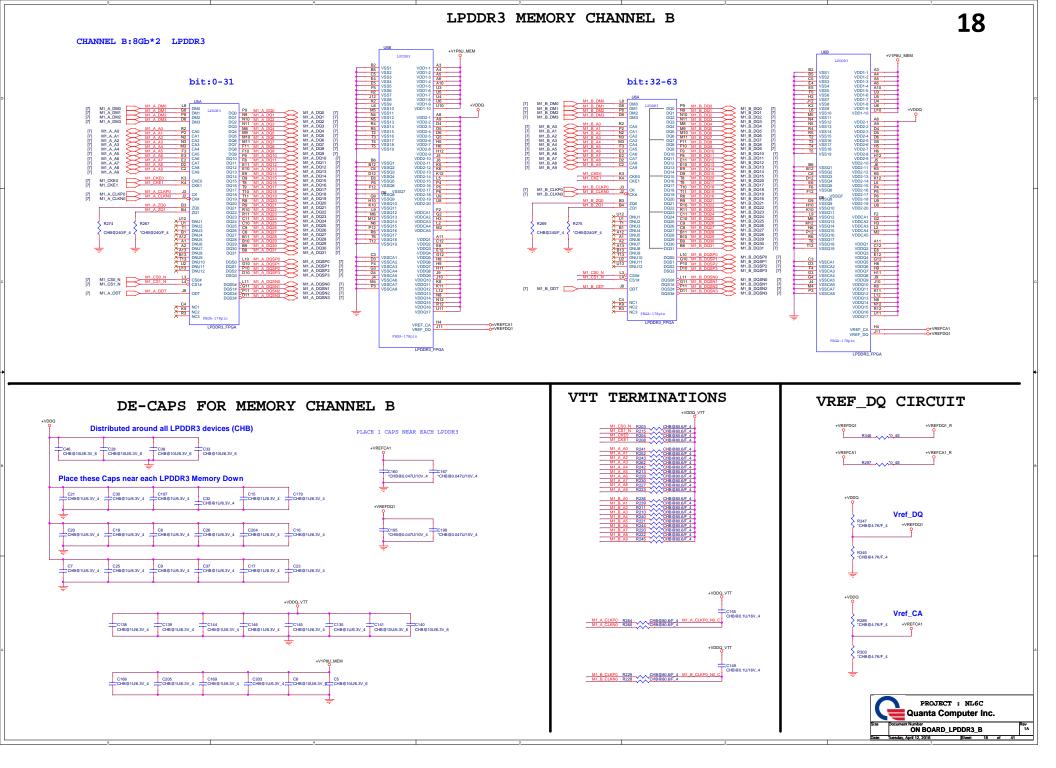












R638 *10K_4 EMMC_D0

Samsung-->KLIMAGZHEMB-B031-AKEZPF-T505-- IC FLASH(153)KLIMAGZHEMB-B031(FBGA)STNBSQ Hynix--> H26M52103FMR (0x03)--AR0ZHQR1000--PROG IC FLASH(153)PH26M52103FMR STNBS 32G Samsung-->KLIMBG4WEBC-B031-AKE3SZ-T500--IC FLASH(153)KLIMBG4WEBC-B031(FBGA)STNBS Hynix--> H26M64103BMR (0x03)--AR0ZHGR1001--PROG IC FLASH(153)PH26M64103EWR STNBS

PROJECT: NL6C

Quanta Computer Inc.

Number
SDIO/eMMC/TS

R179 ~ 33_4

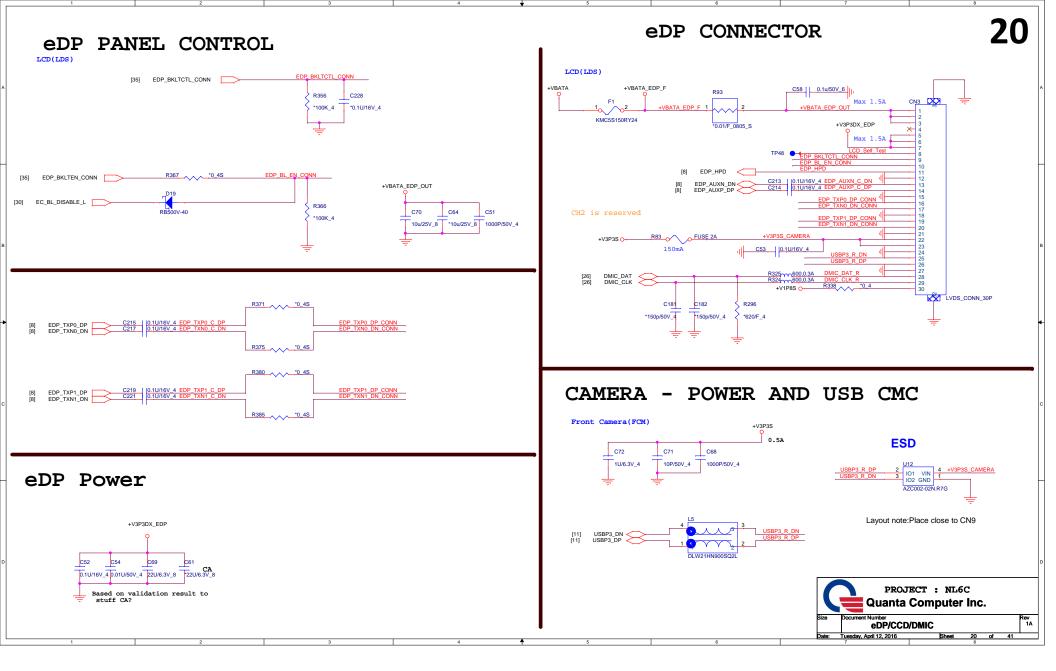
R190 _____33_4

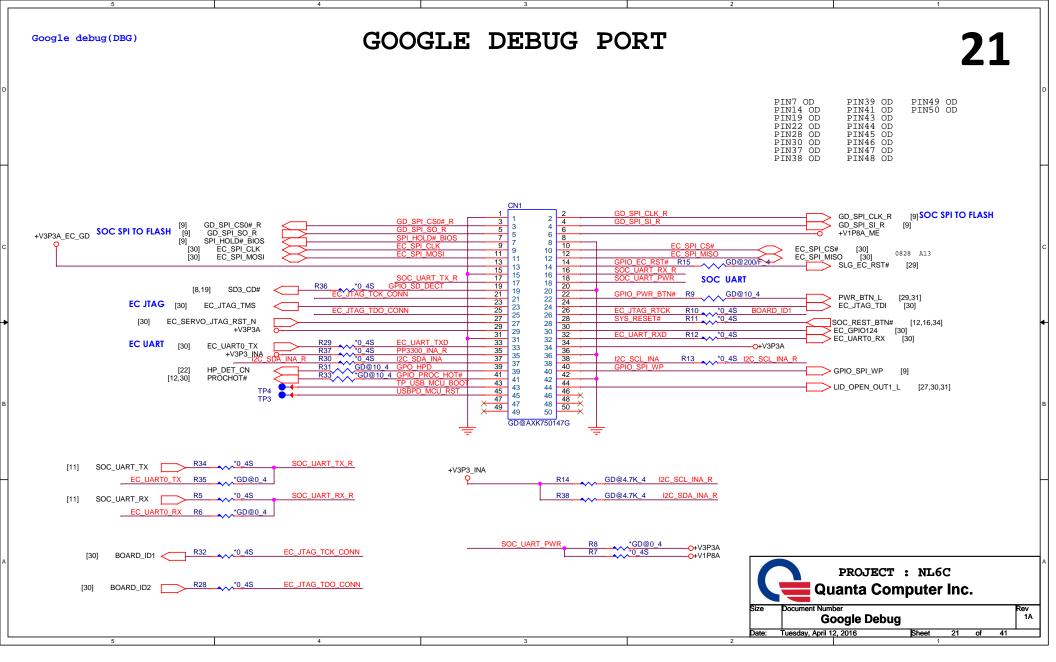
R189 33 4

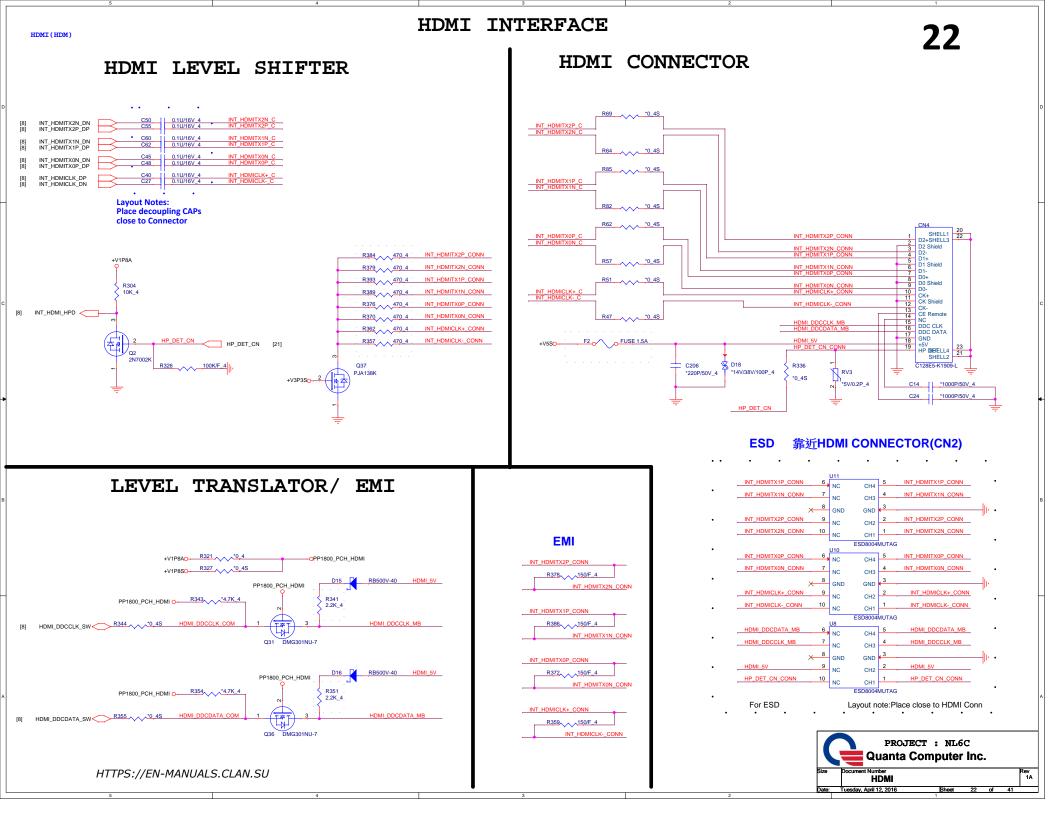
[8] SD3 CMD

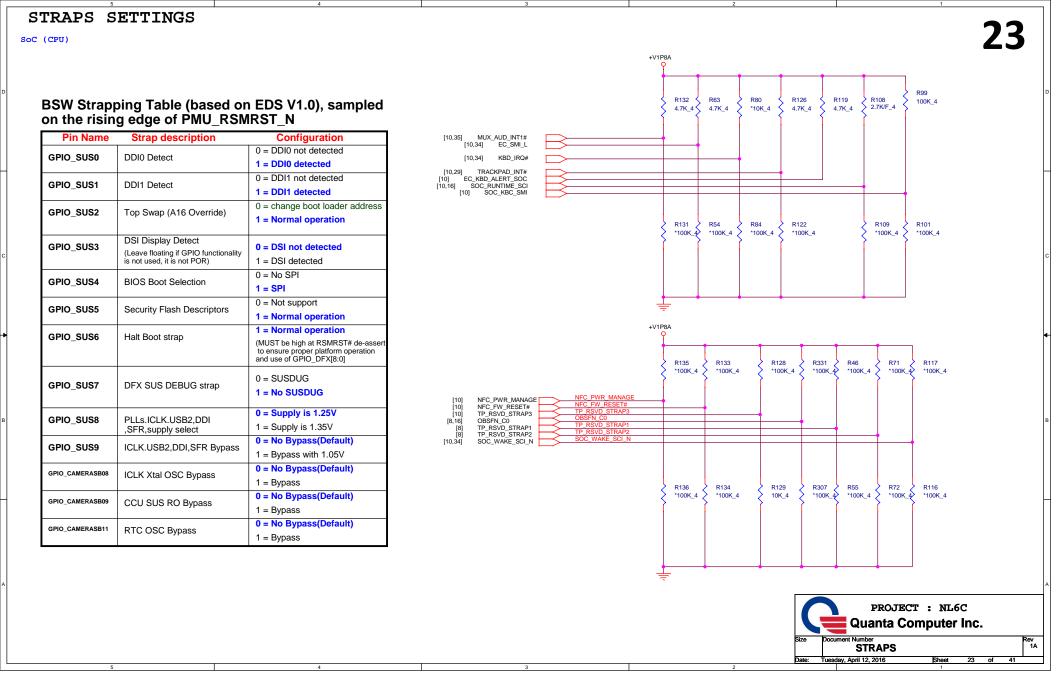
SD3_D1 SD3_D2

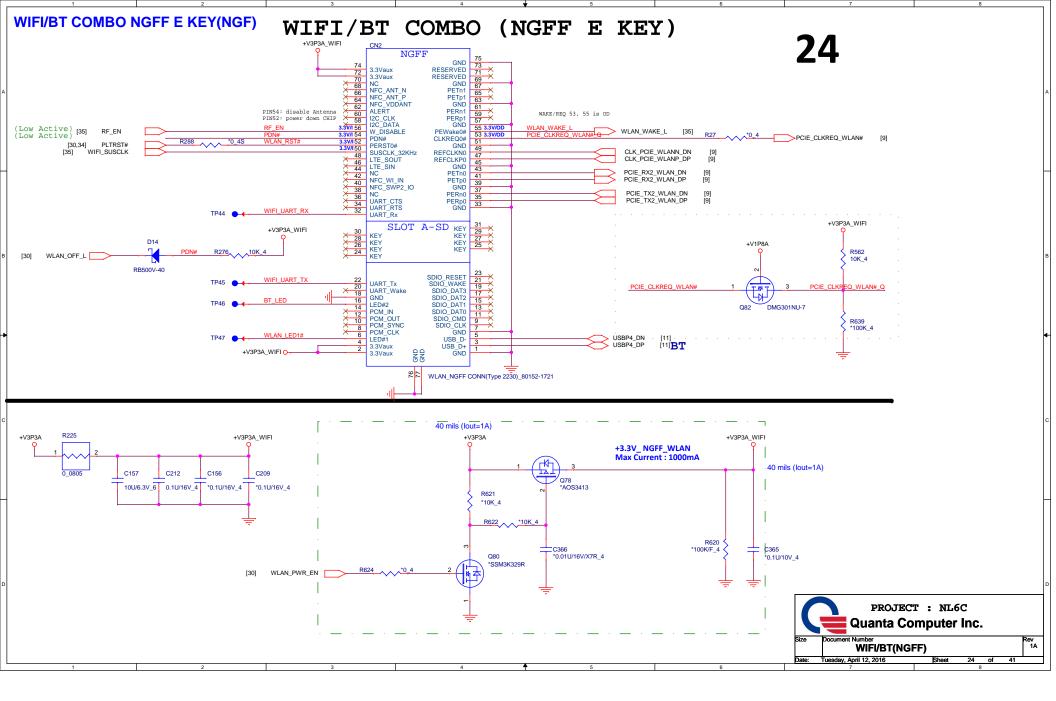
SD3_D3

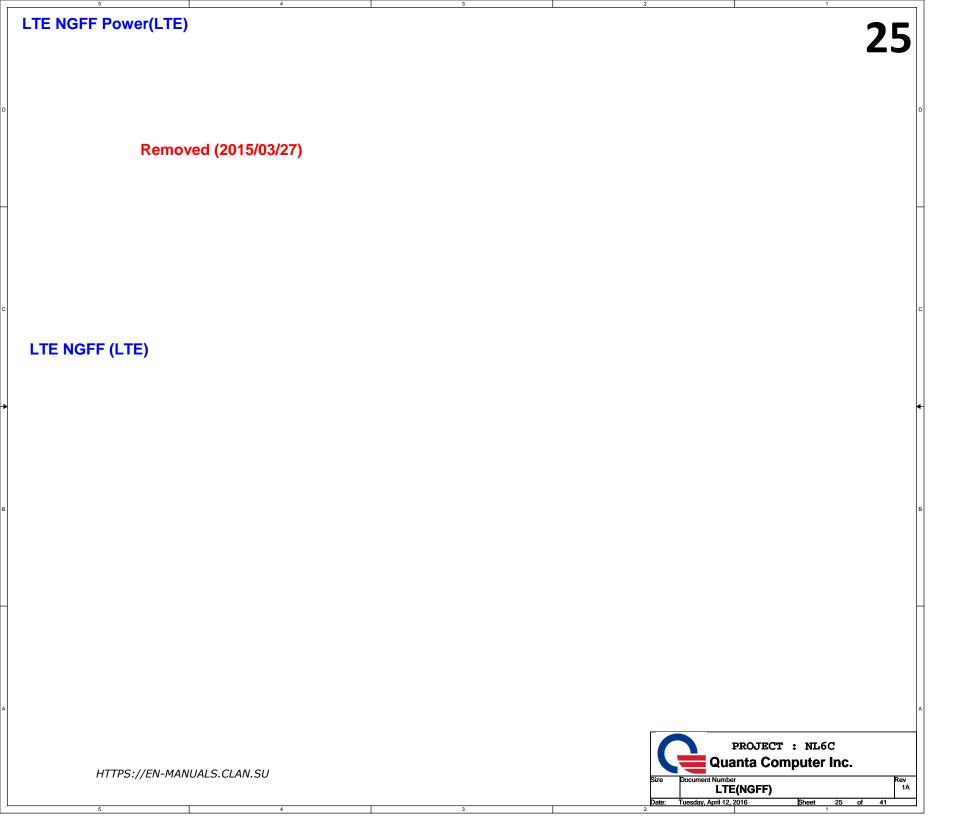


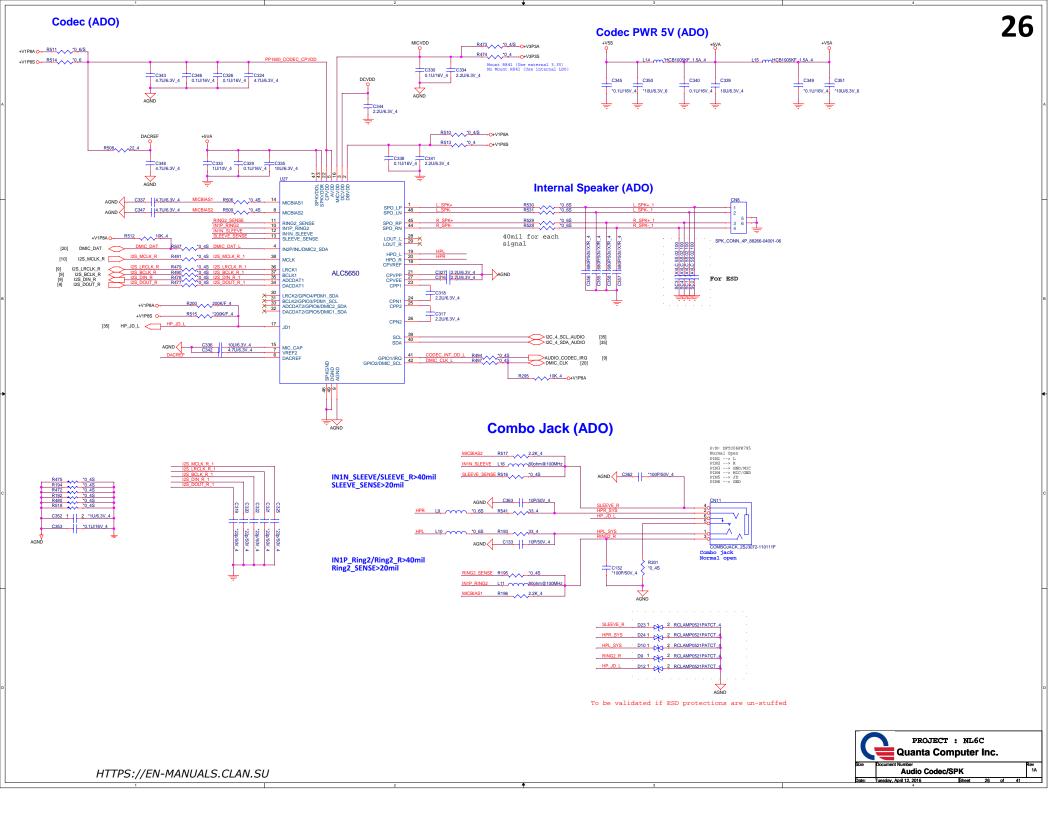


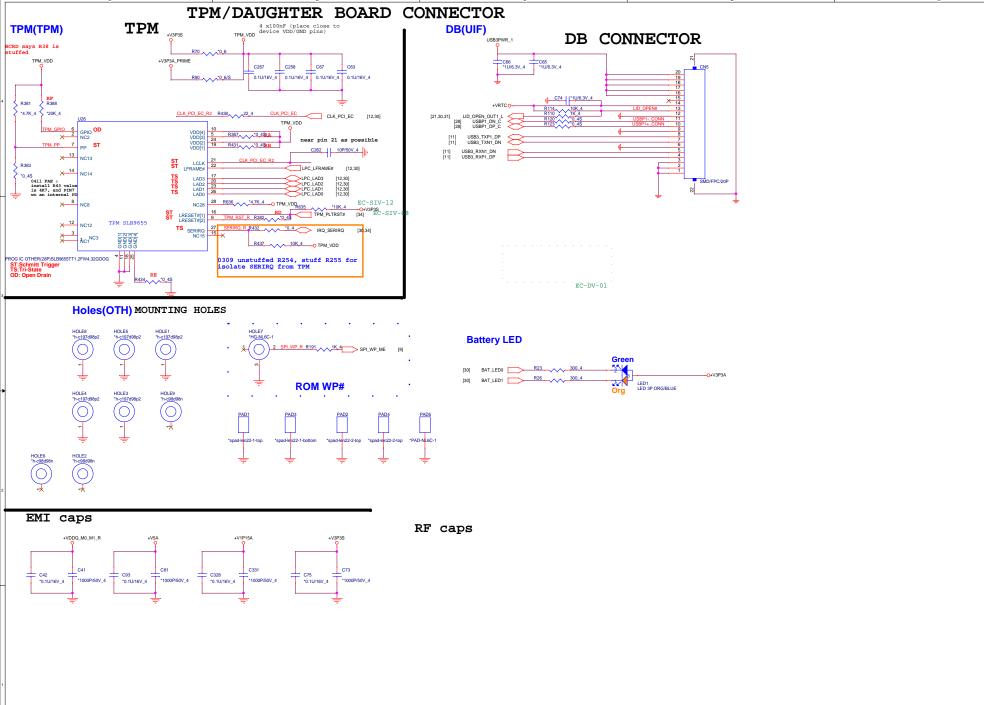


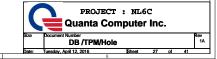




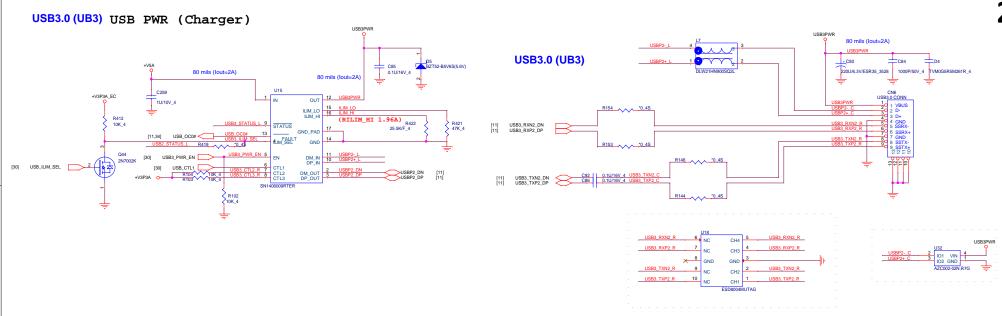




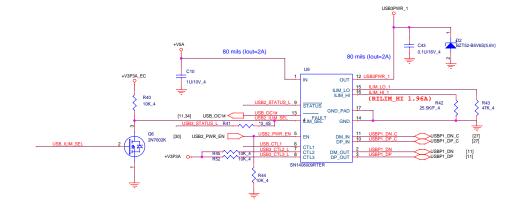


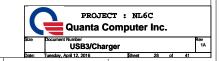


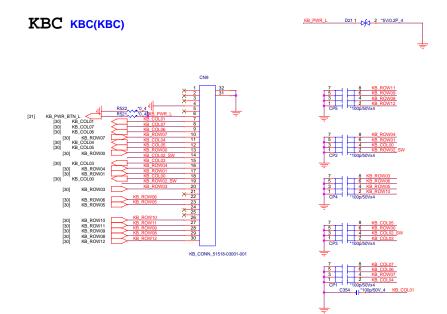


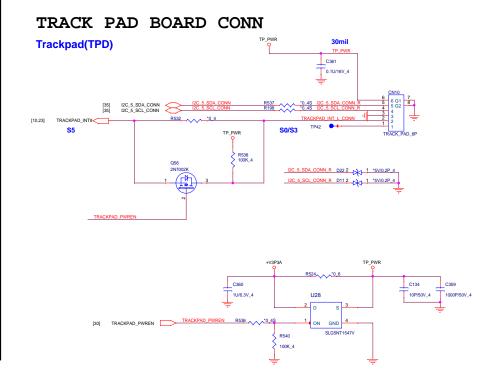


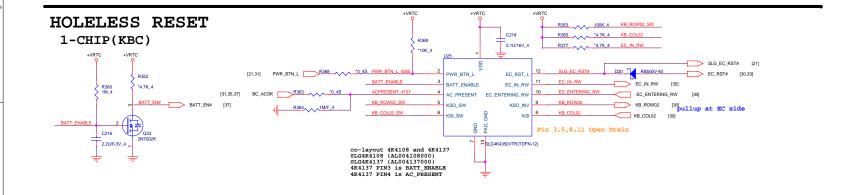
USB PWR(Charger)



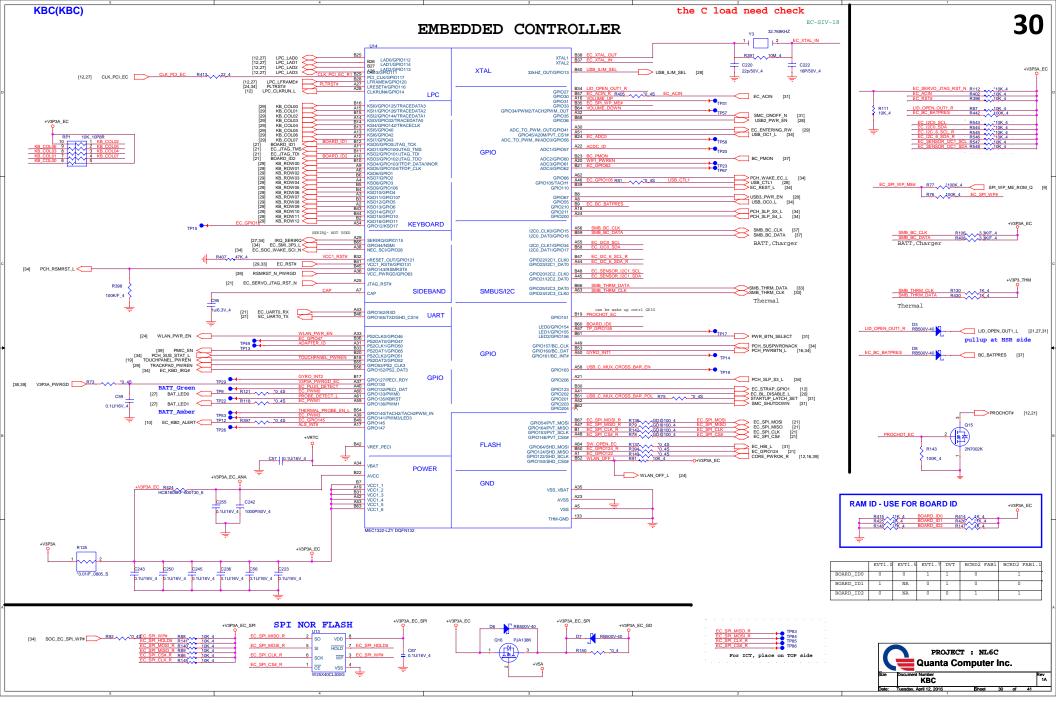


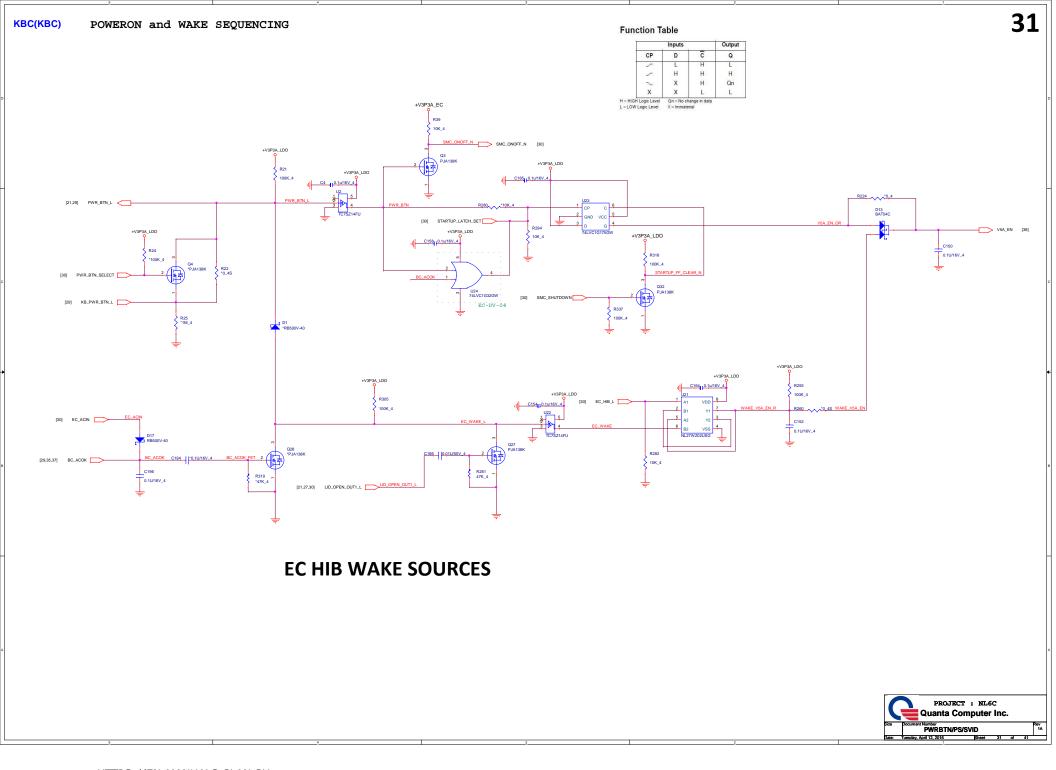




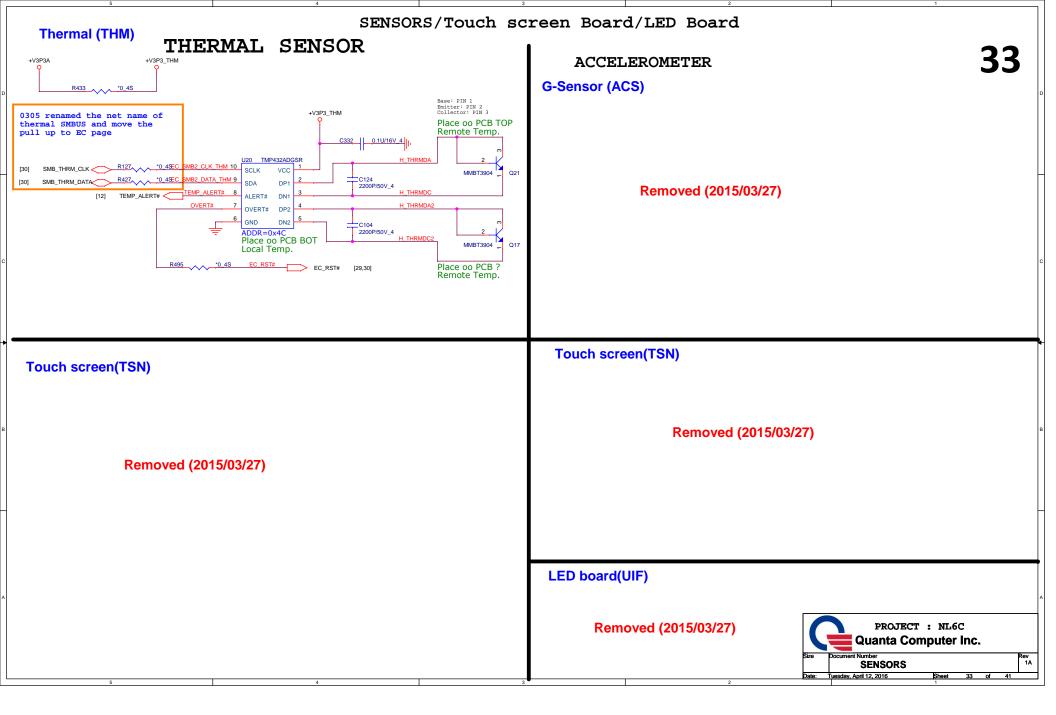


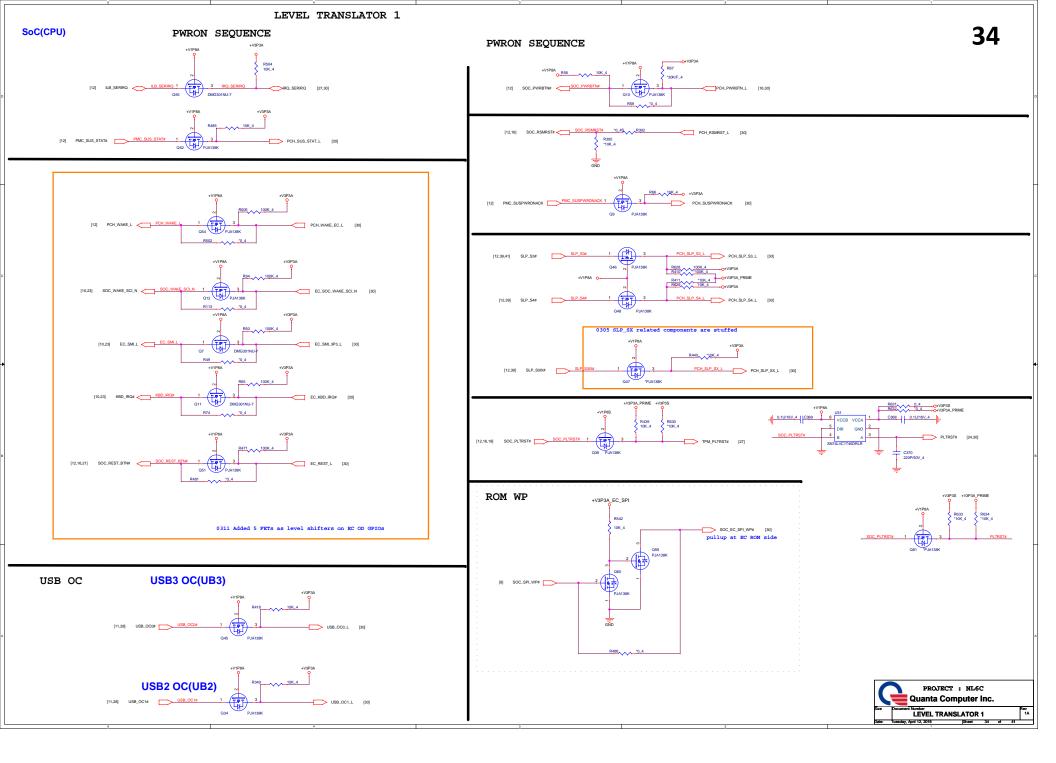


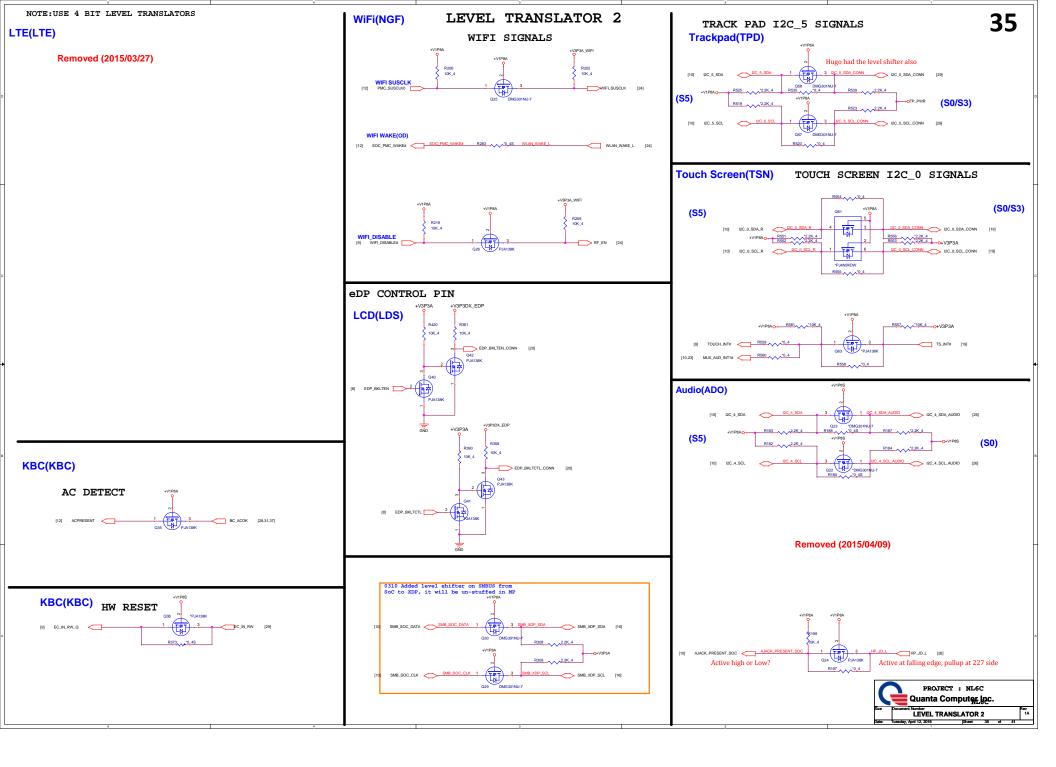




VIDEO CODEC

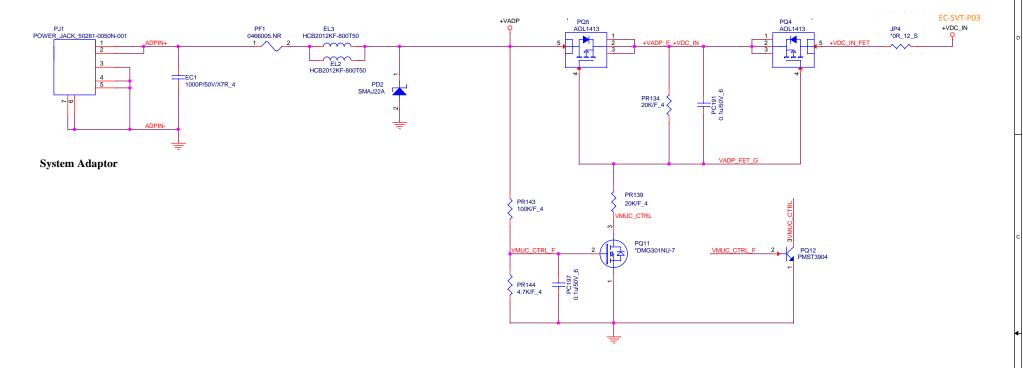


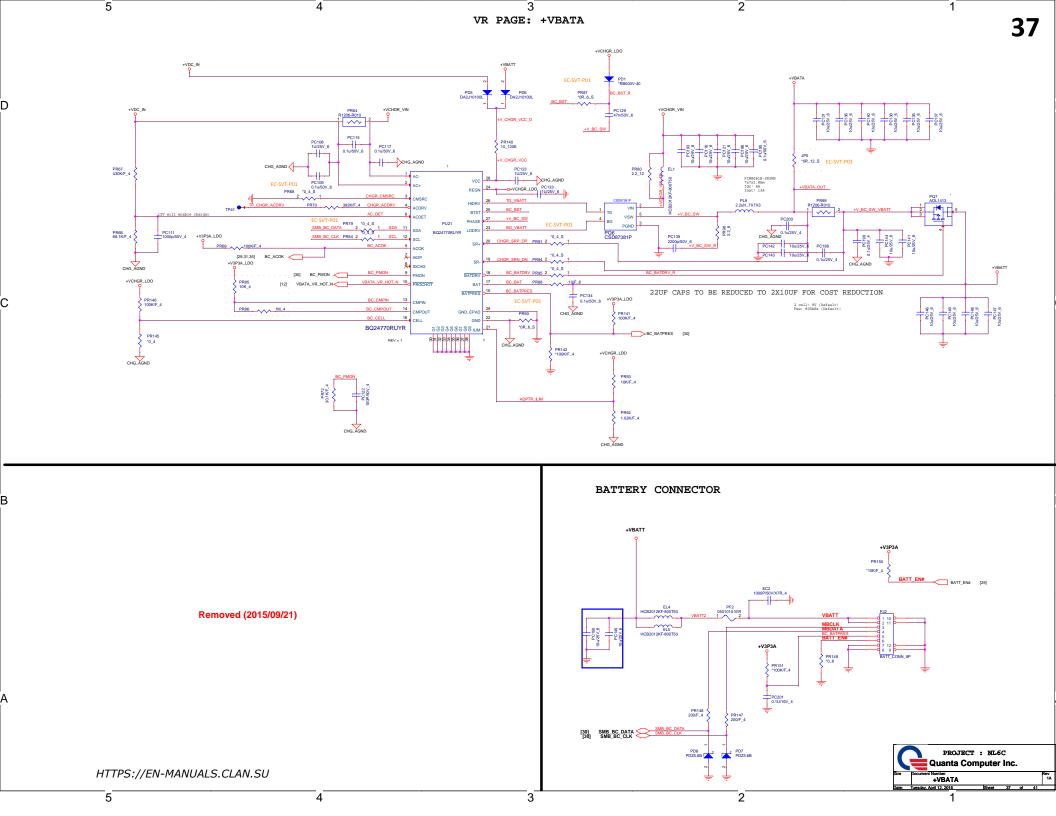


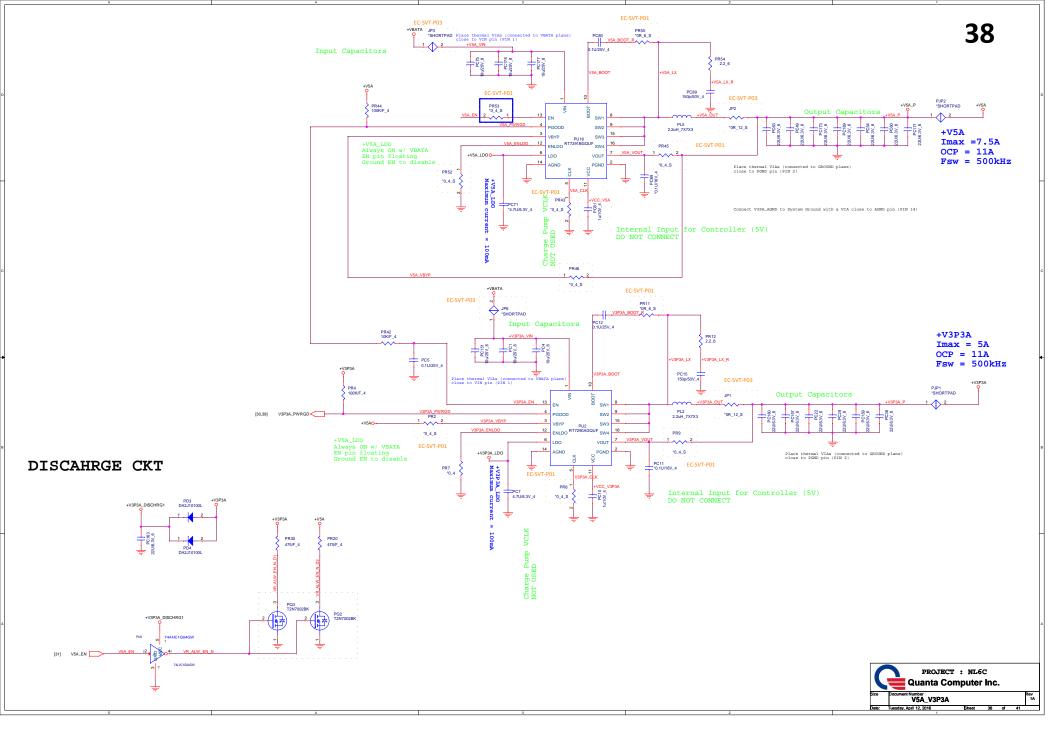


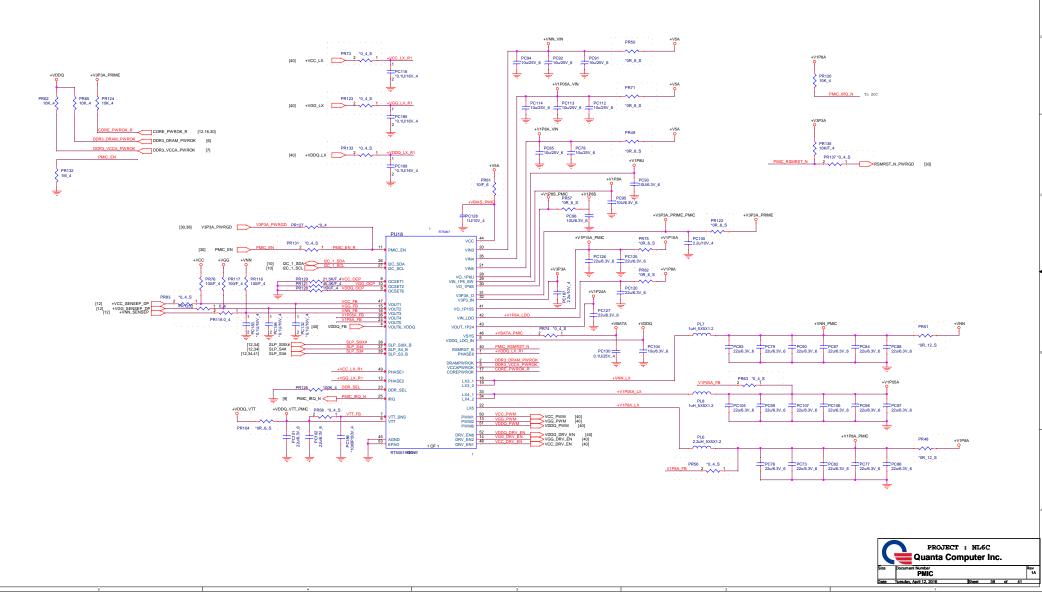
DC JACK

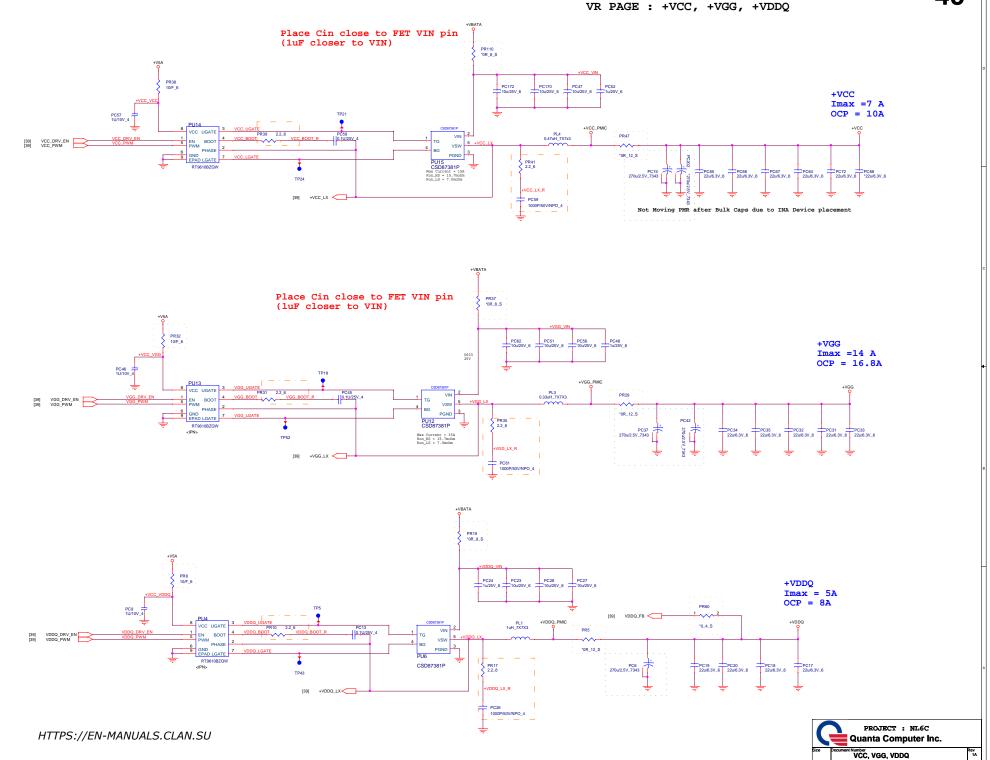
36











O+V3P3DX_EDP

y, April 12, 2016

PR27 *0.002_1206

VR PAGE: POWER GATES

+V3P3S

SLG7NT402VTR

+VSDIO

Notes: Imax: 4A Rise time: 1ms 7 SLP_S3#_CAP PC8 4700P/25V 4

