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
PCle_0	NA	PCIe_CLK0	NA
PCle_1	NA	PCIe_CLK1	NA
PCle_2	WLAN	PCIe_CLK2	WLAN
PCle_3	NA	PCIe_CLK3	NA

SoC I2C table

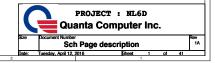
Function	Channel	Read	Write
NA	I2C0	0x?	
PMIC	I2C1	0x?	0x?
Audio codec	I2C4		
Track Pad	12C5		
EC	I2C6		

EC SMBus/I2C table

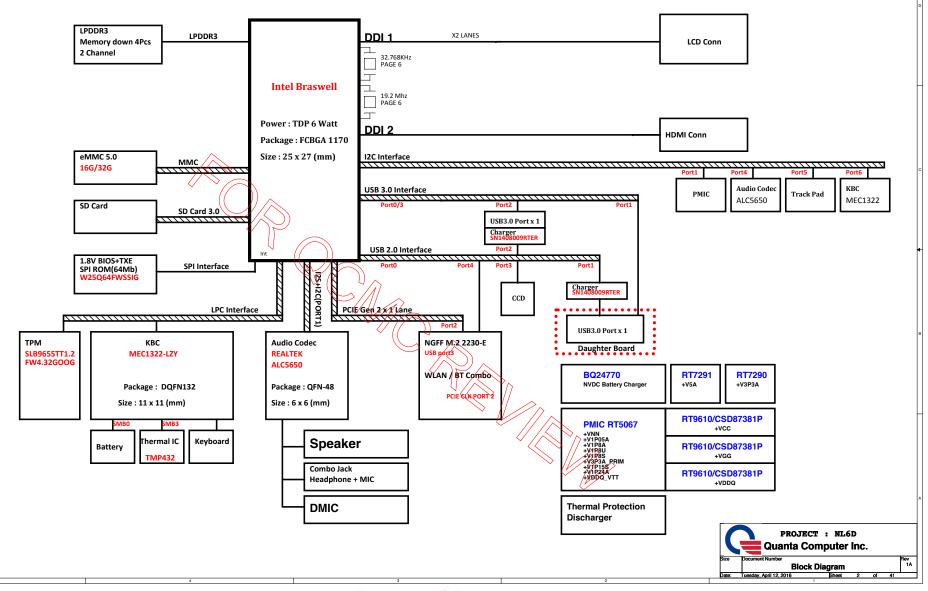
Function	Channel	Address
Battery/charger	SMB0	
NA	SMB1	
PCH	I2C1	
NA	I2C2	
Thermal	I2C3	

Current sensor address

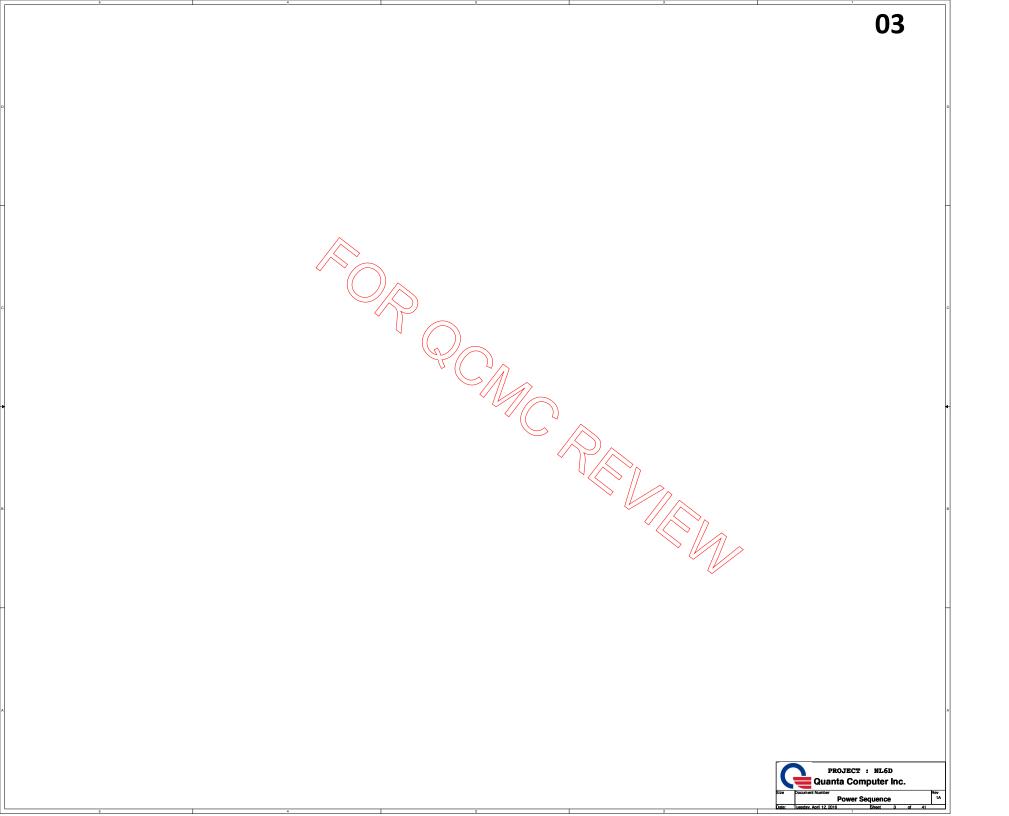
Function	Channel	Function	Channel
+VBATA	0x47	+VCC_OUT	0x40
+V5A	0x43	+VGG	0x44
+V3P3A	0x4B	+VNN	0x45
+V1P05A	/> 0x46	+VDDQ_OUT	0x41
+V1P8A	0x49		



NL6D Chromebook Intel Braswell Platform Block Diagram

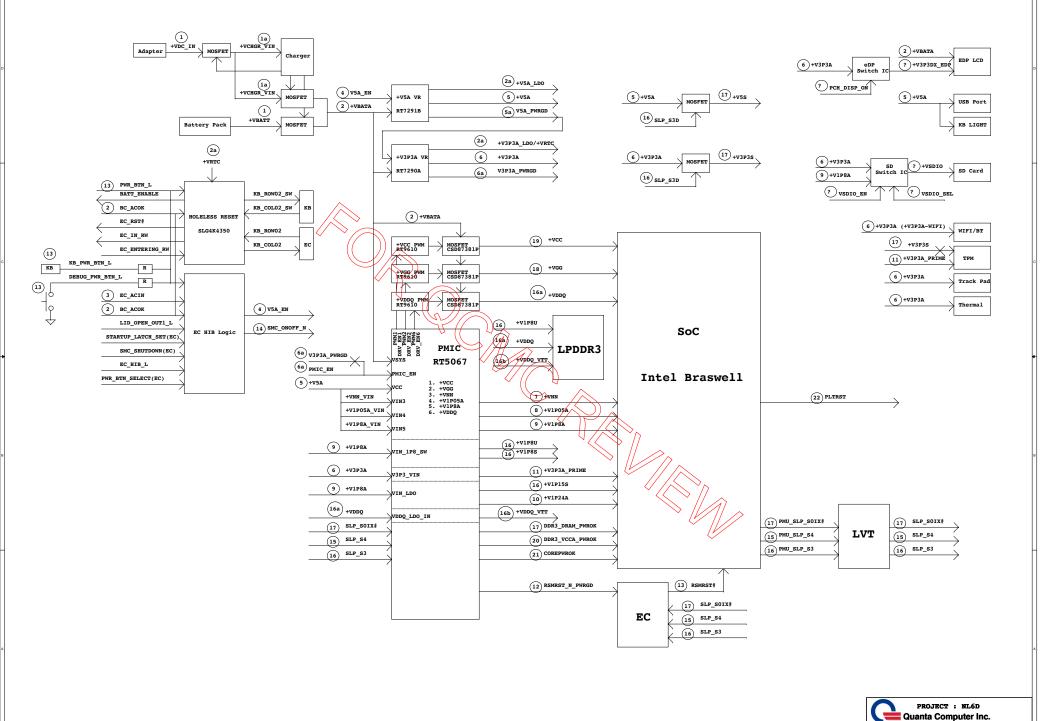


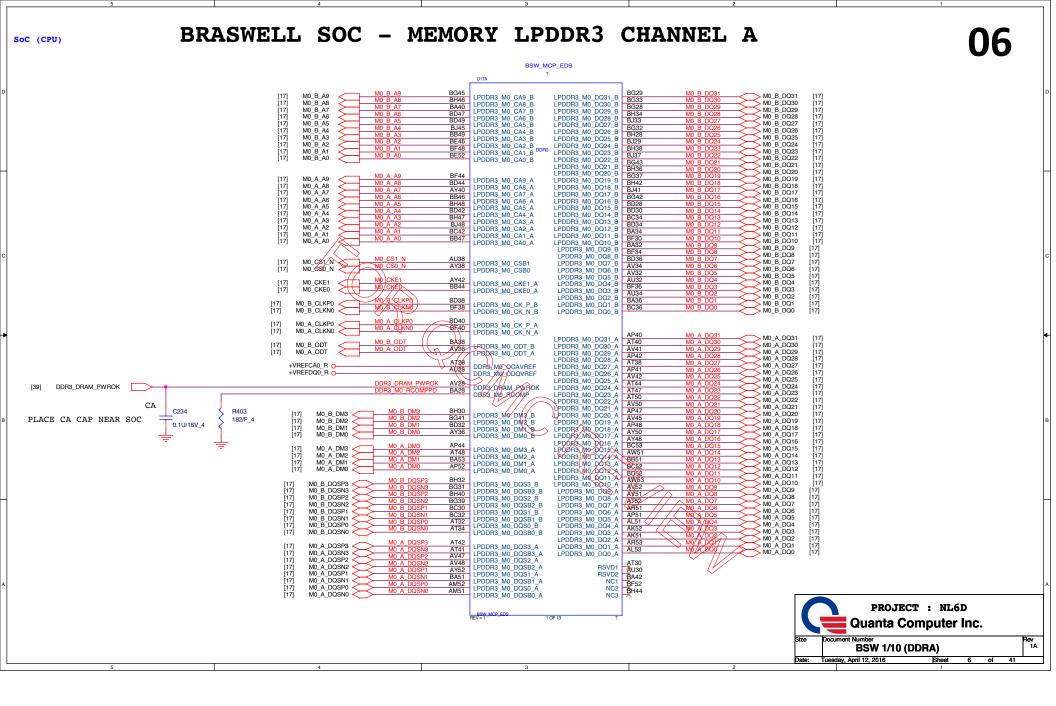
www.vinafix.com

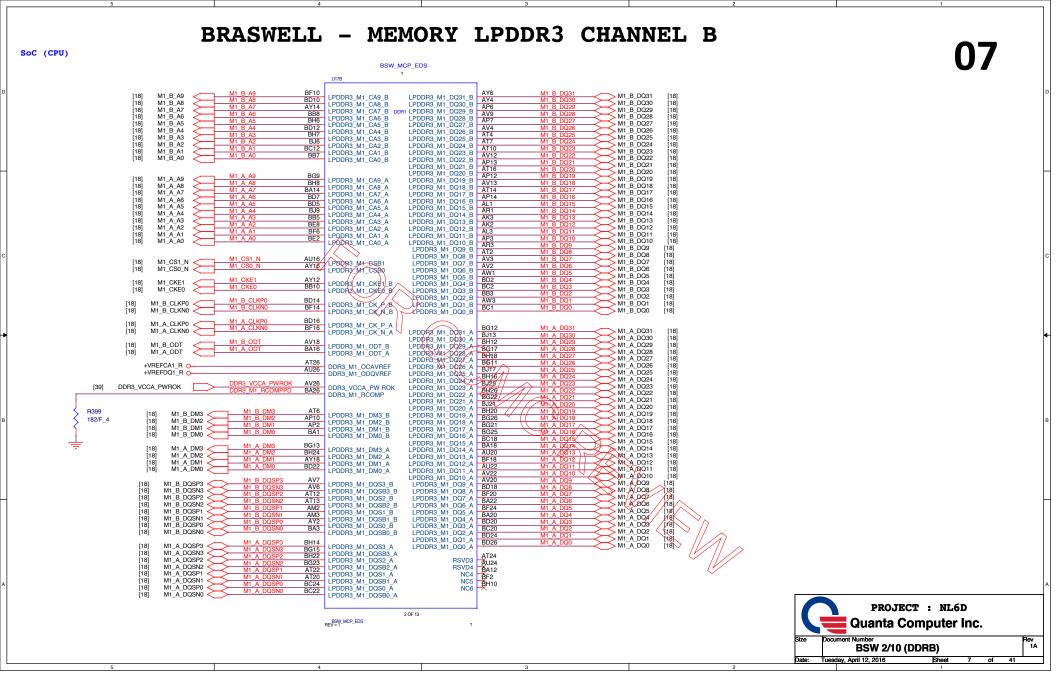


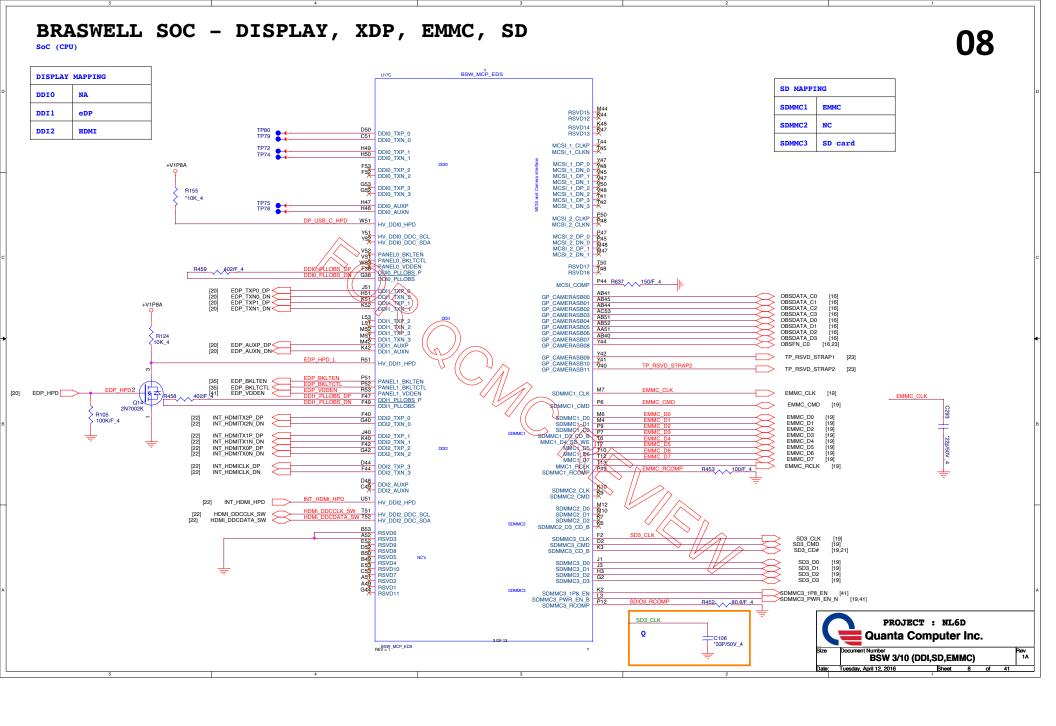


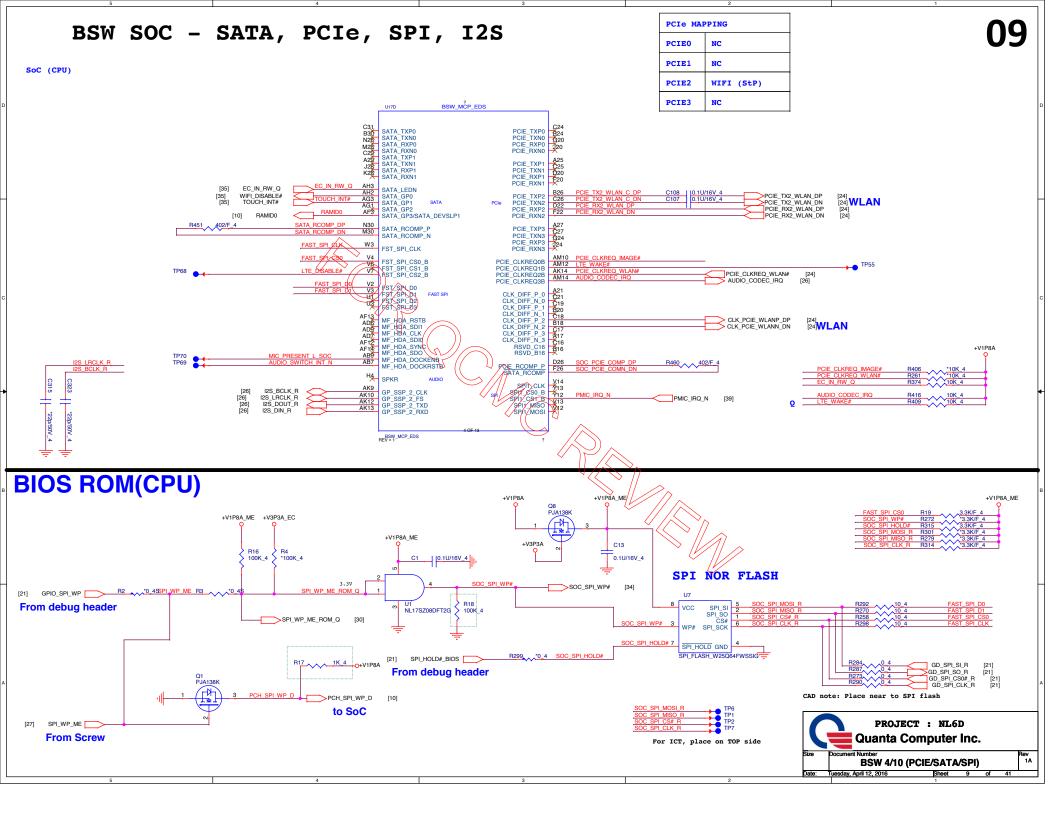
BSW PWR TREE



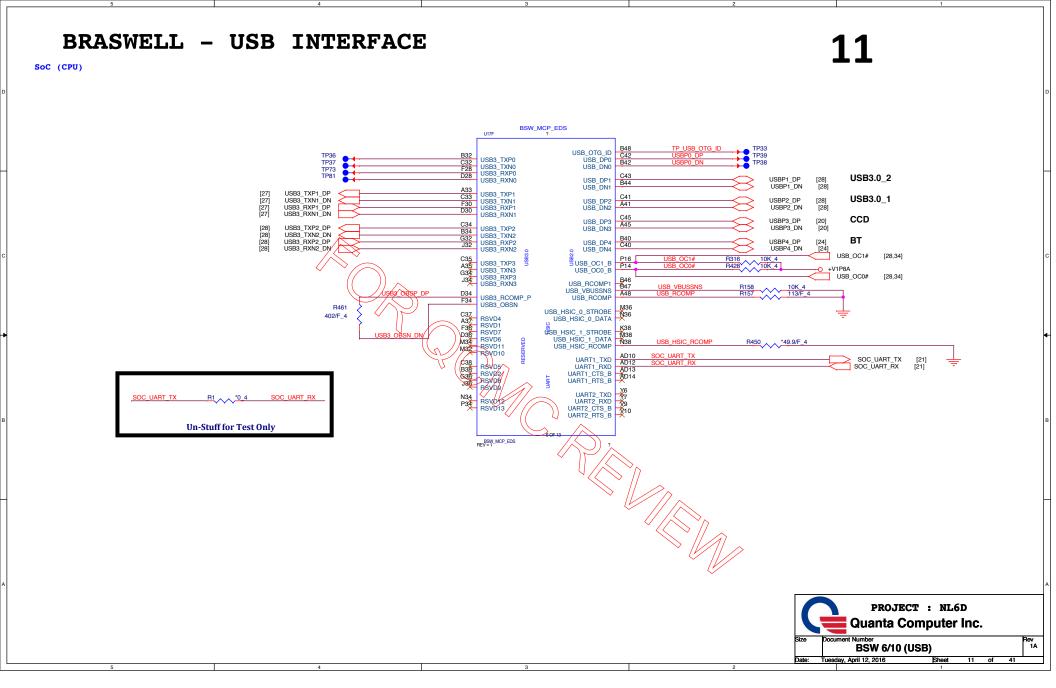


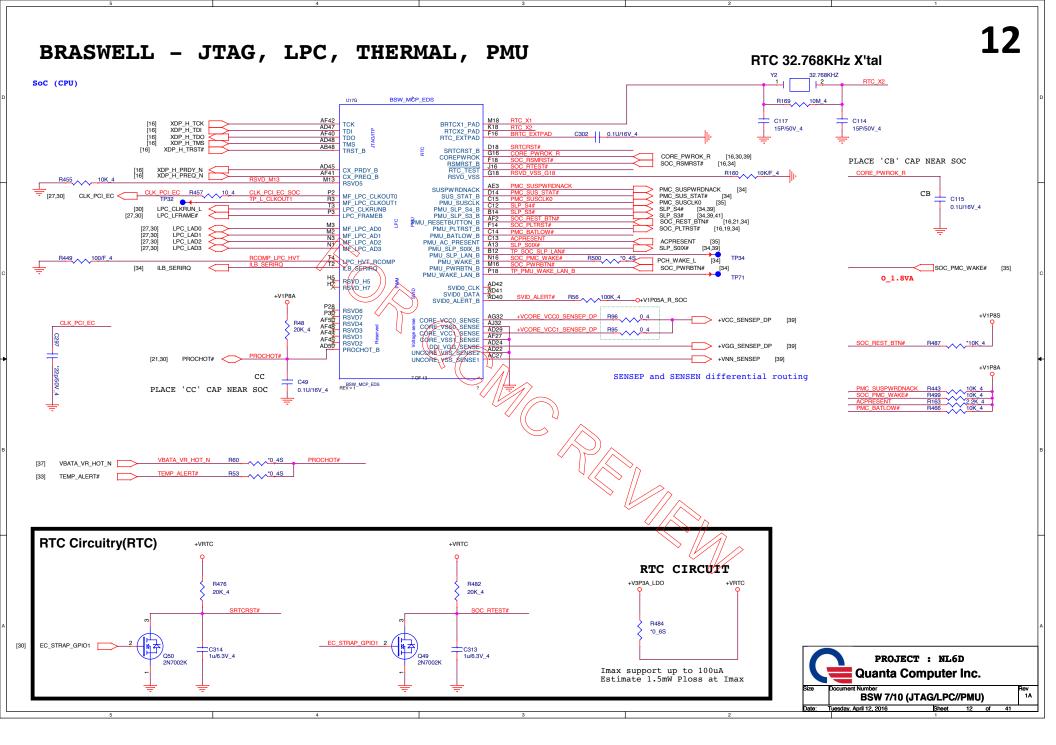


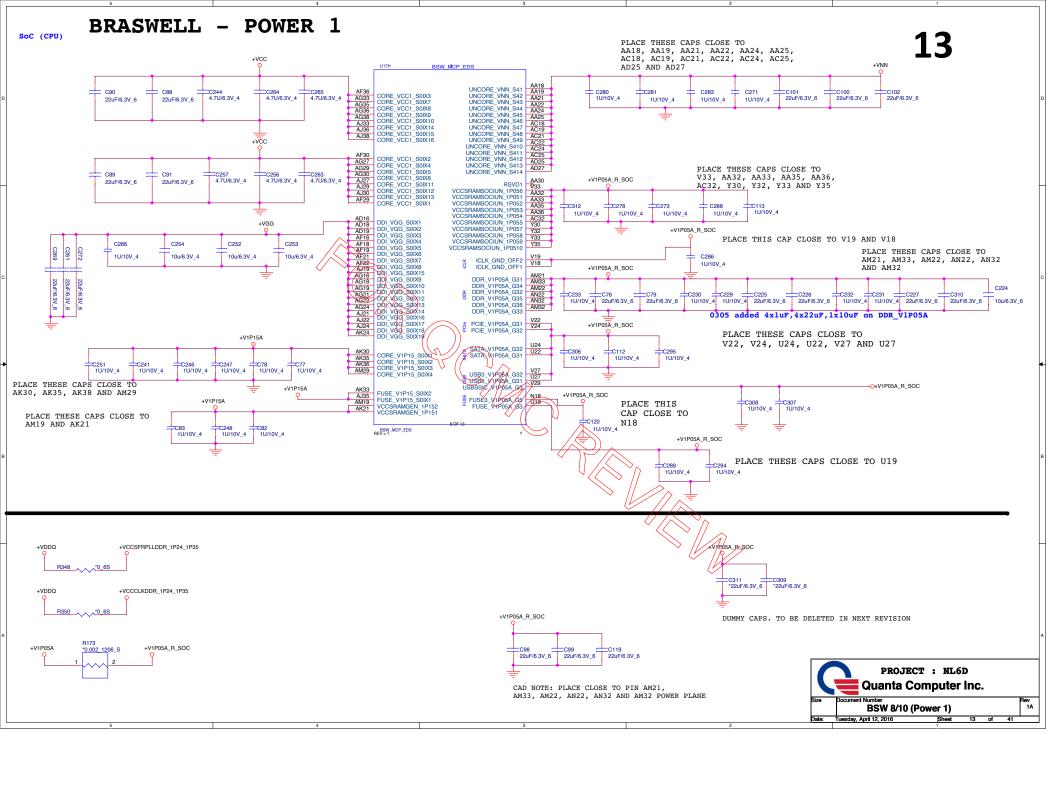


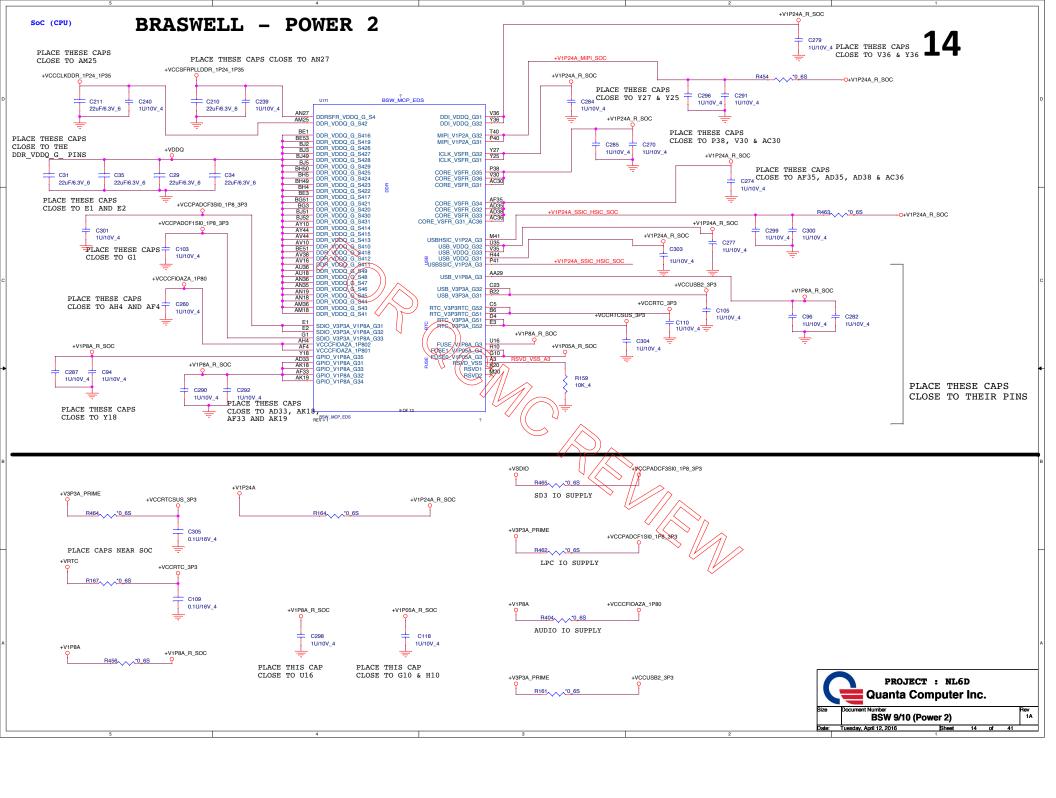


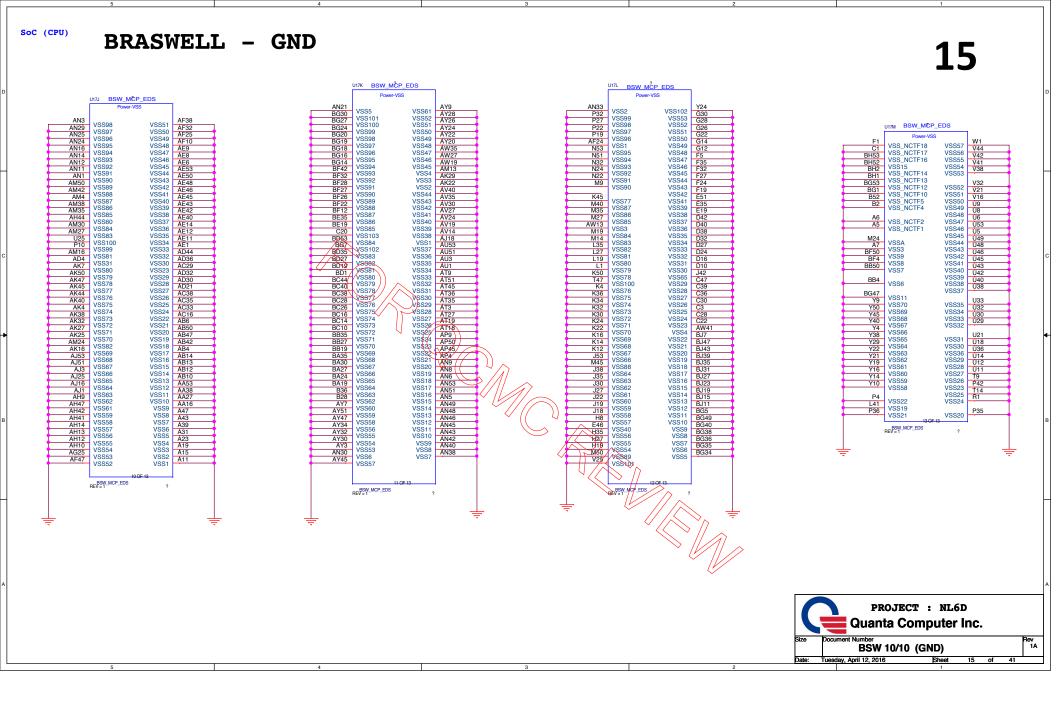
Micron 1 (2-CH) 010 AKD5QWSTL01 MT52L256M32D1PF-107 1866MHz WT:B K4E8E324EB-EGCF 1 (2-CH) 011 AKD5QWST521 4Gb 4GB PROJECT : NL6D 1 (2-CH) 100 AKD5QWWT401 EDF8132A3MA-JD-F-R 1866MHz 4Gb Quanta Computer Inc. lev 1A BSW 5/10 (I2C/DFX/GPIO) April 12, 2016

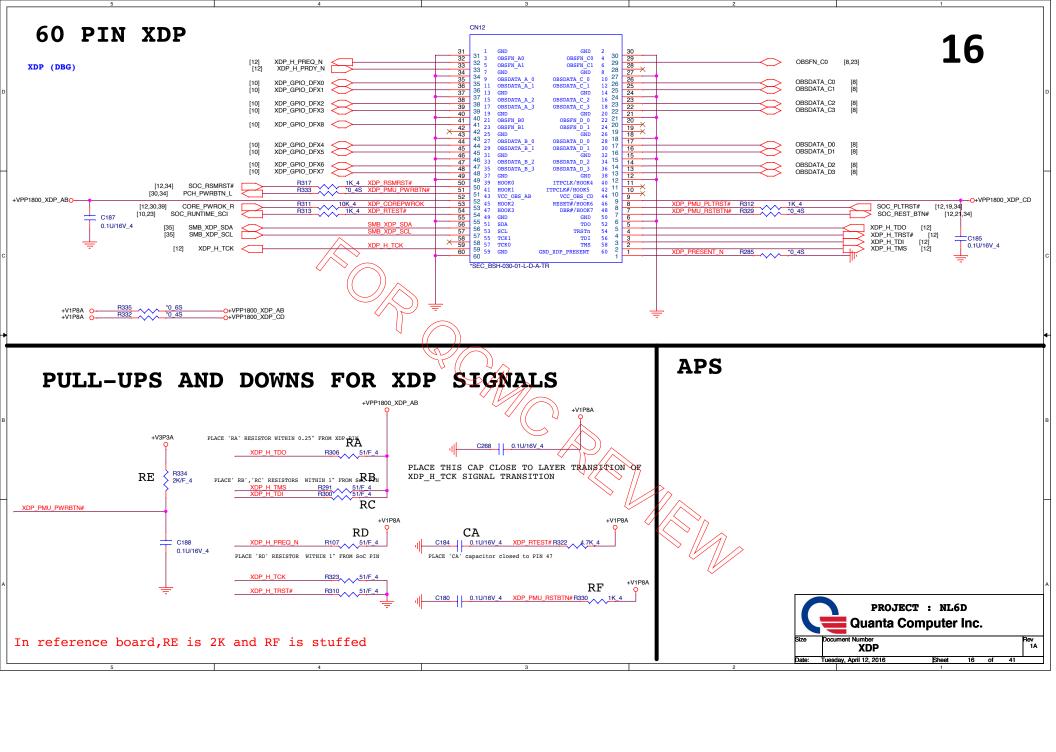


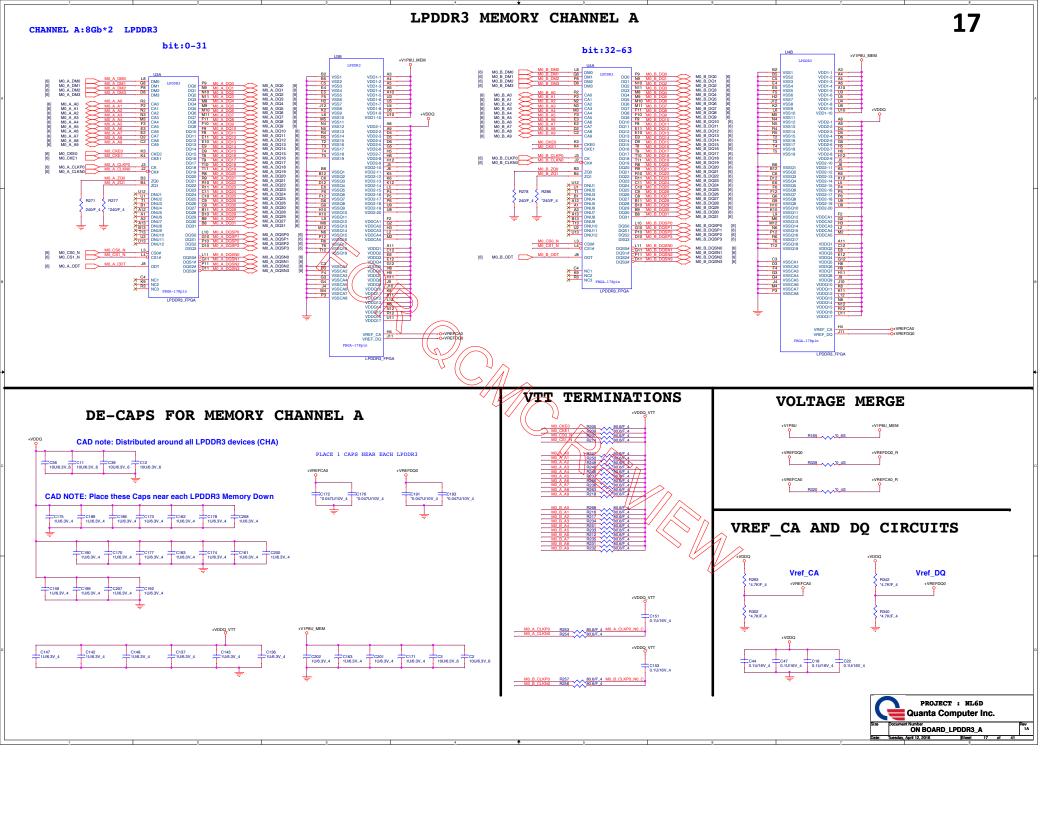


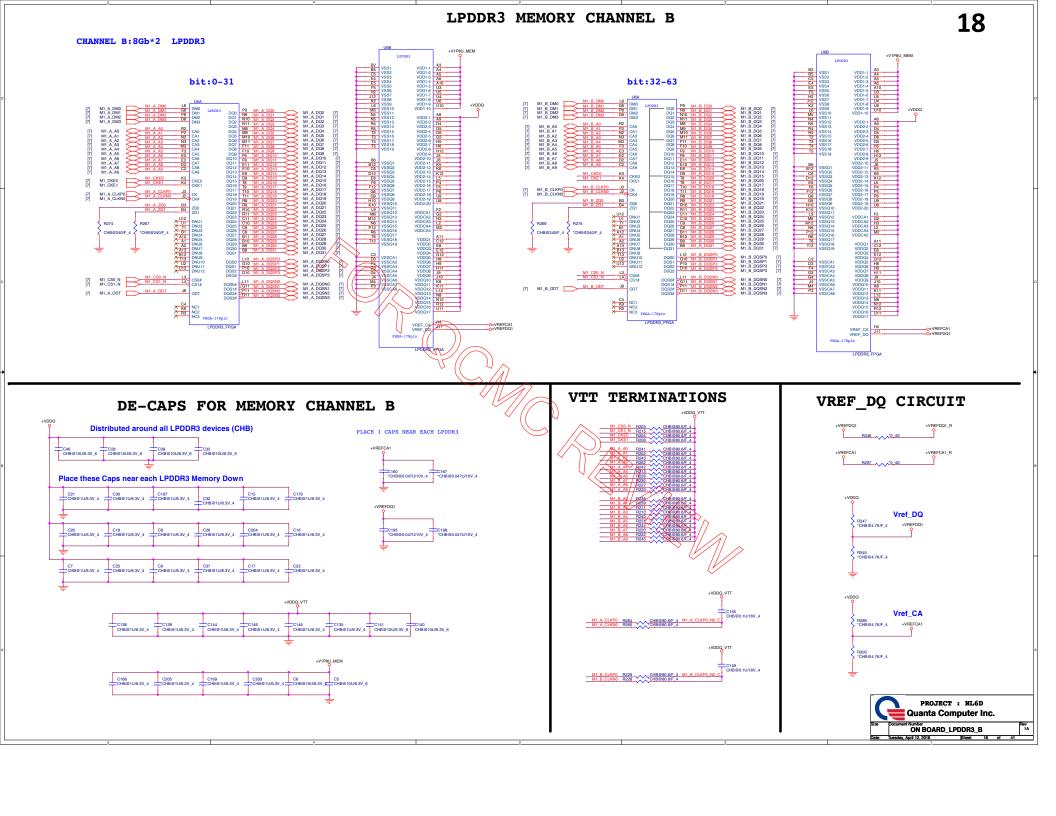


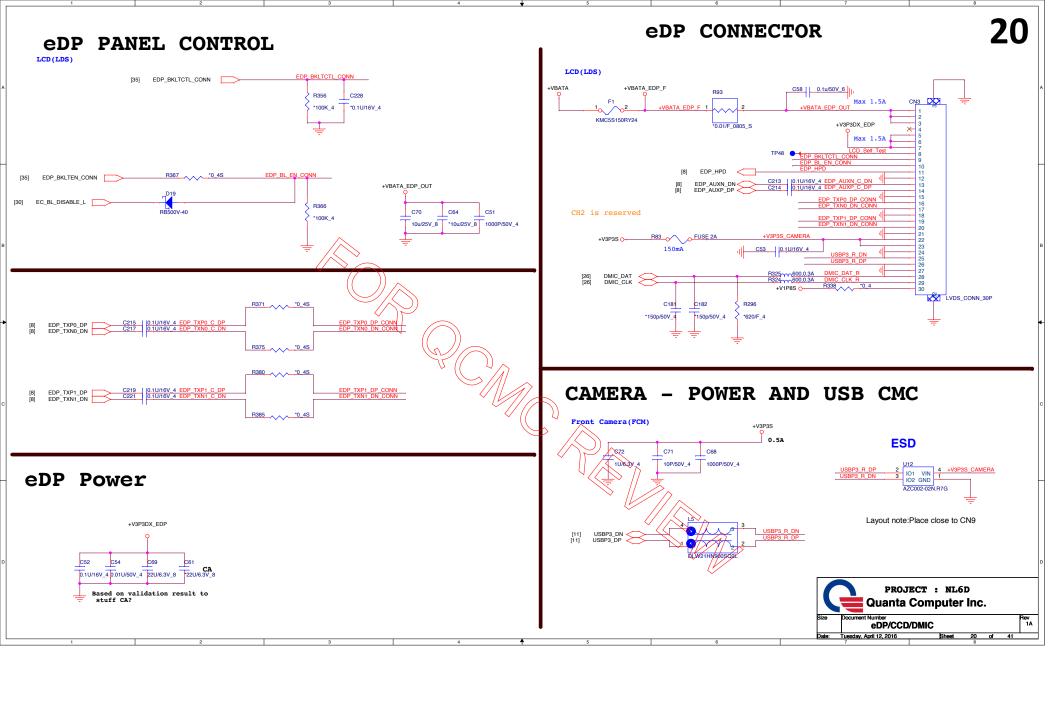


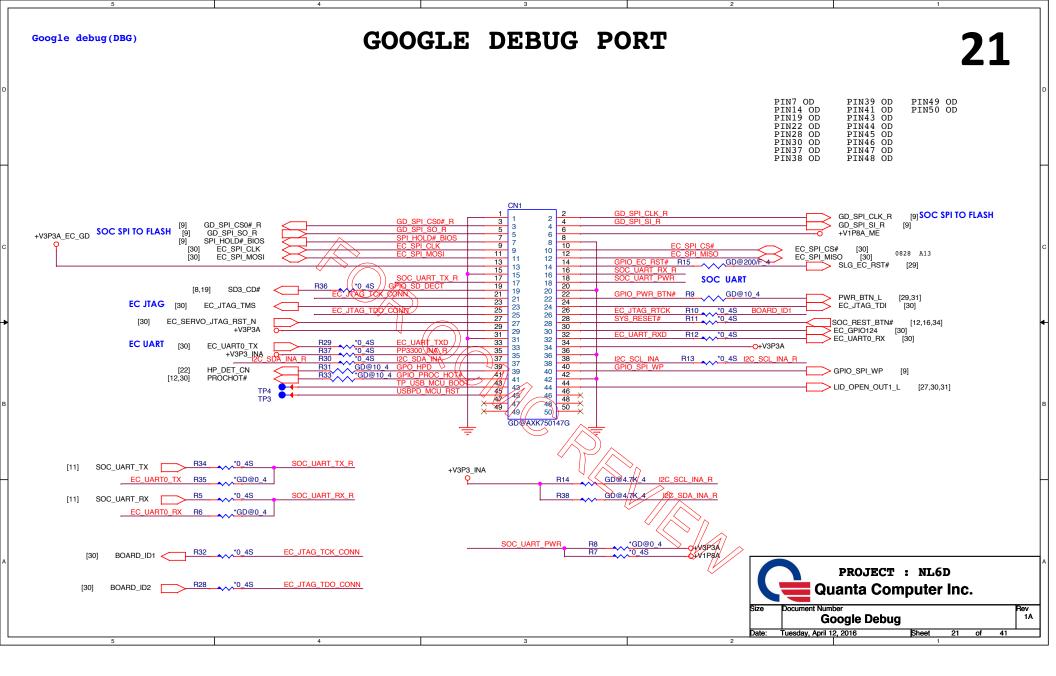


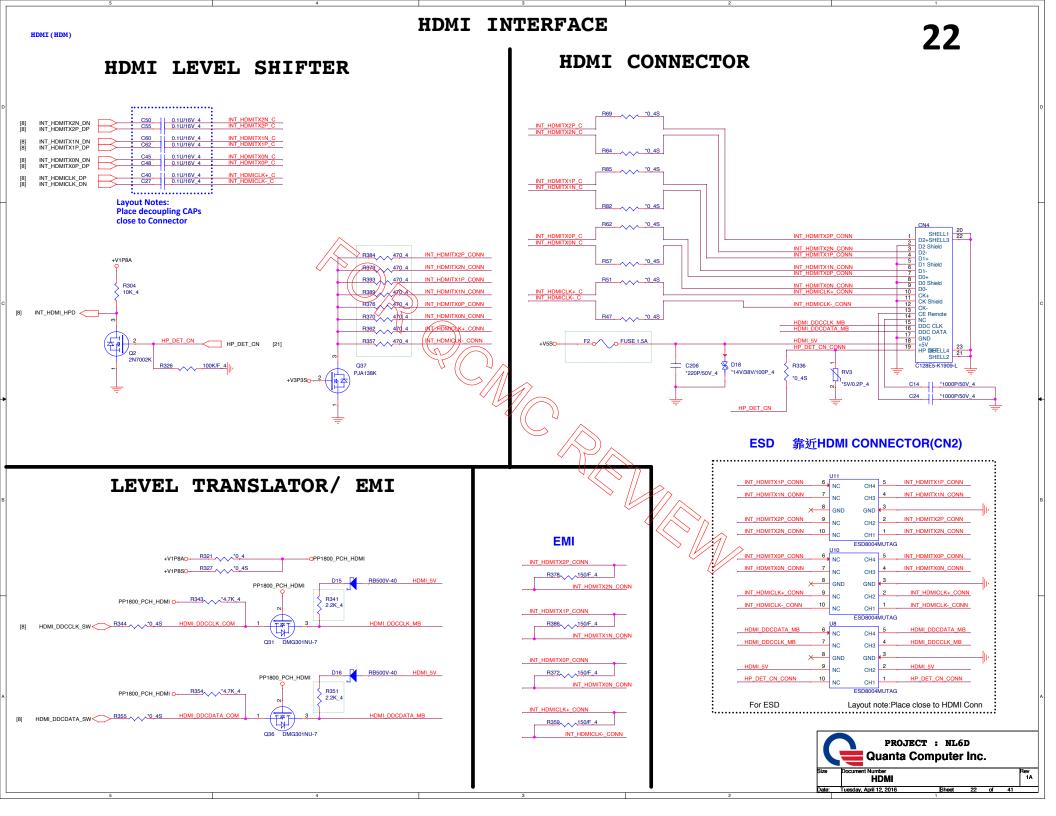


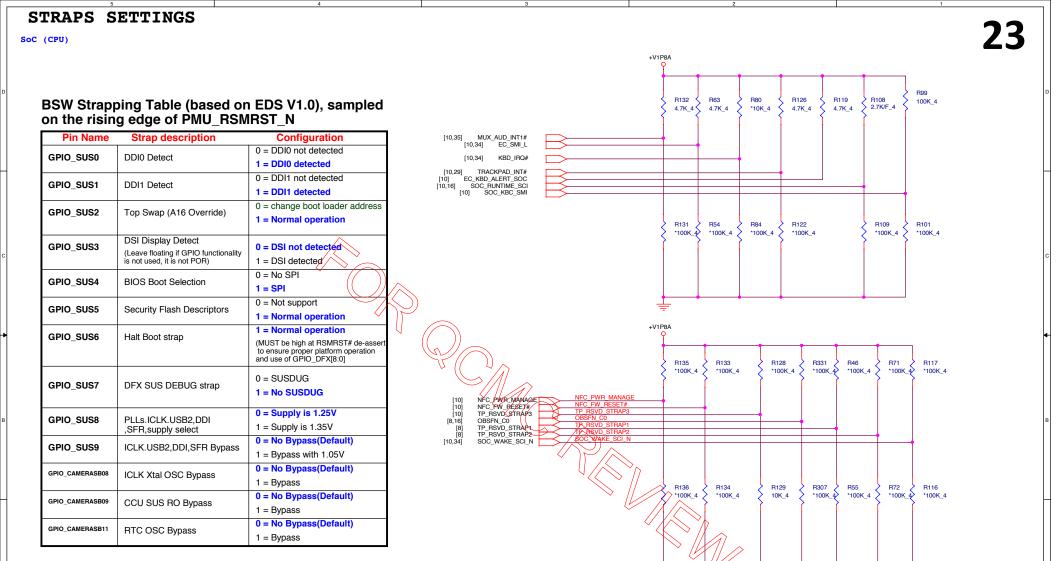


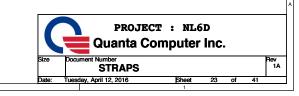


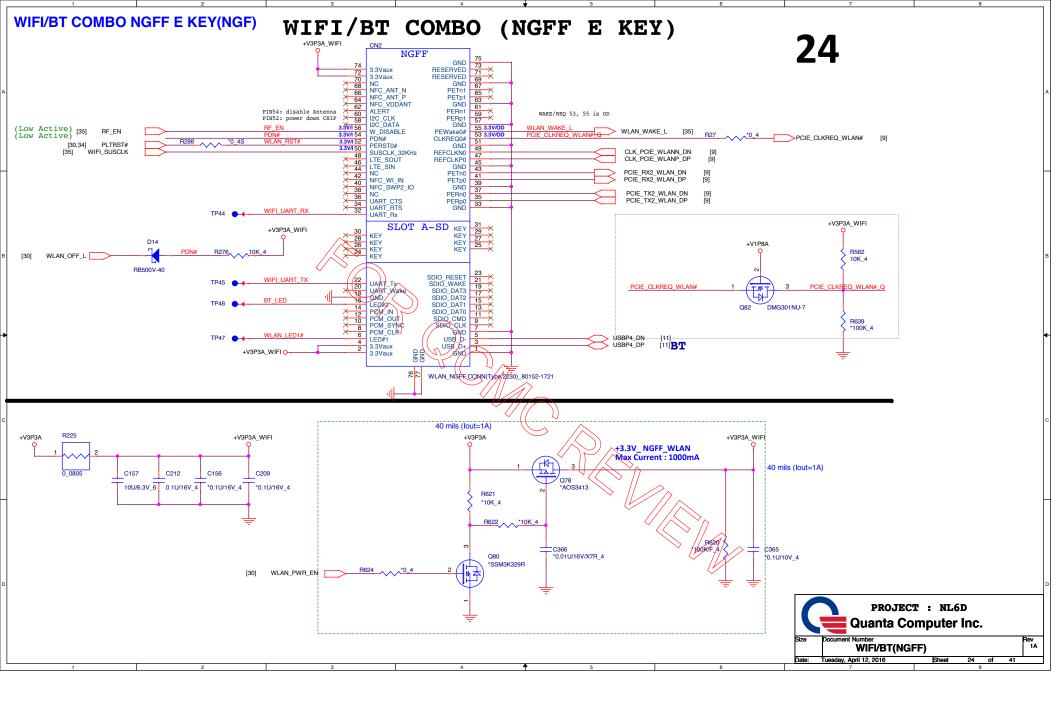


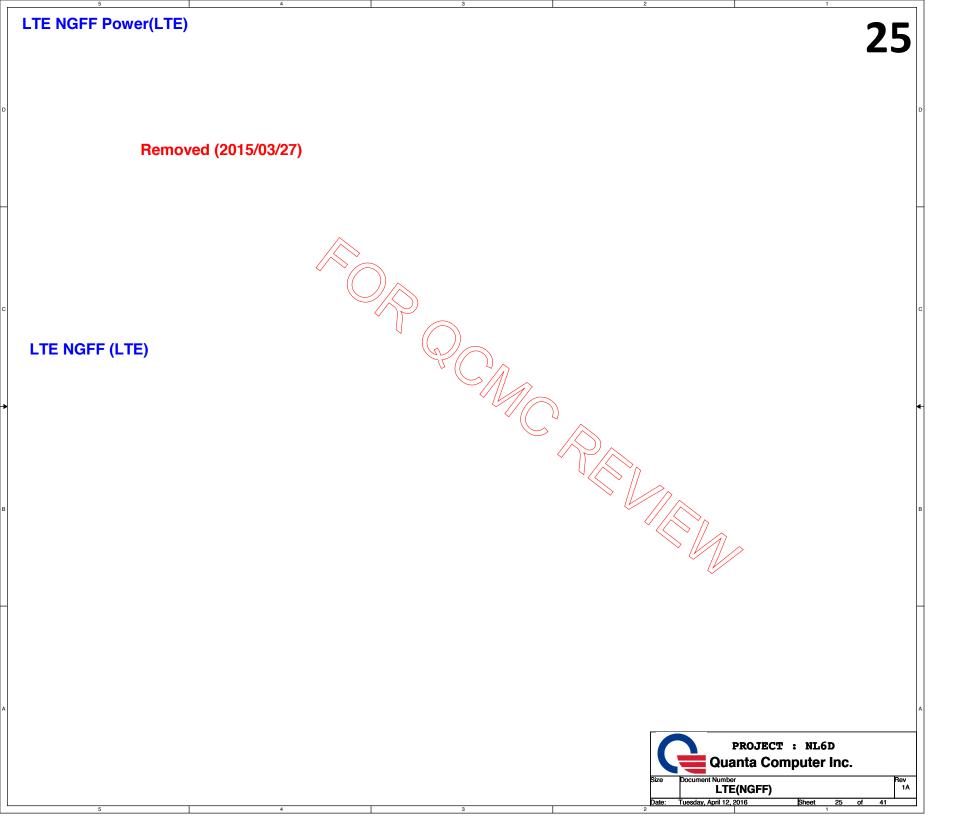


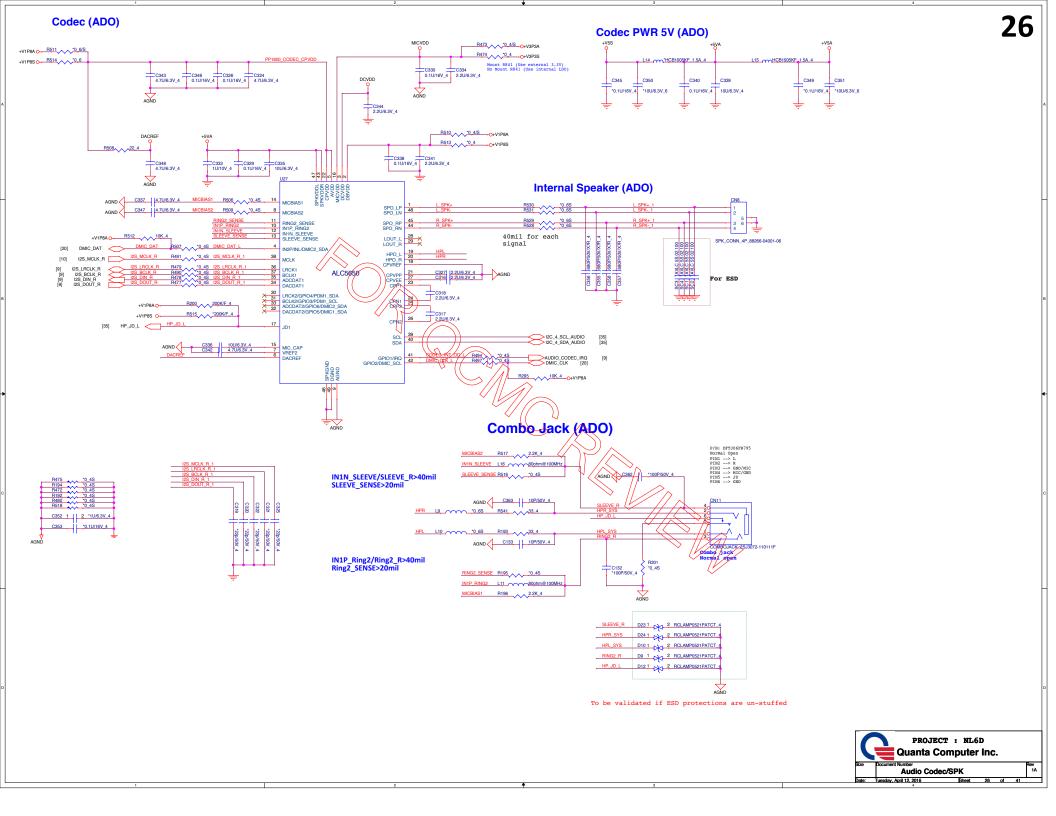


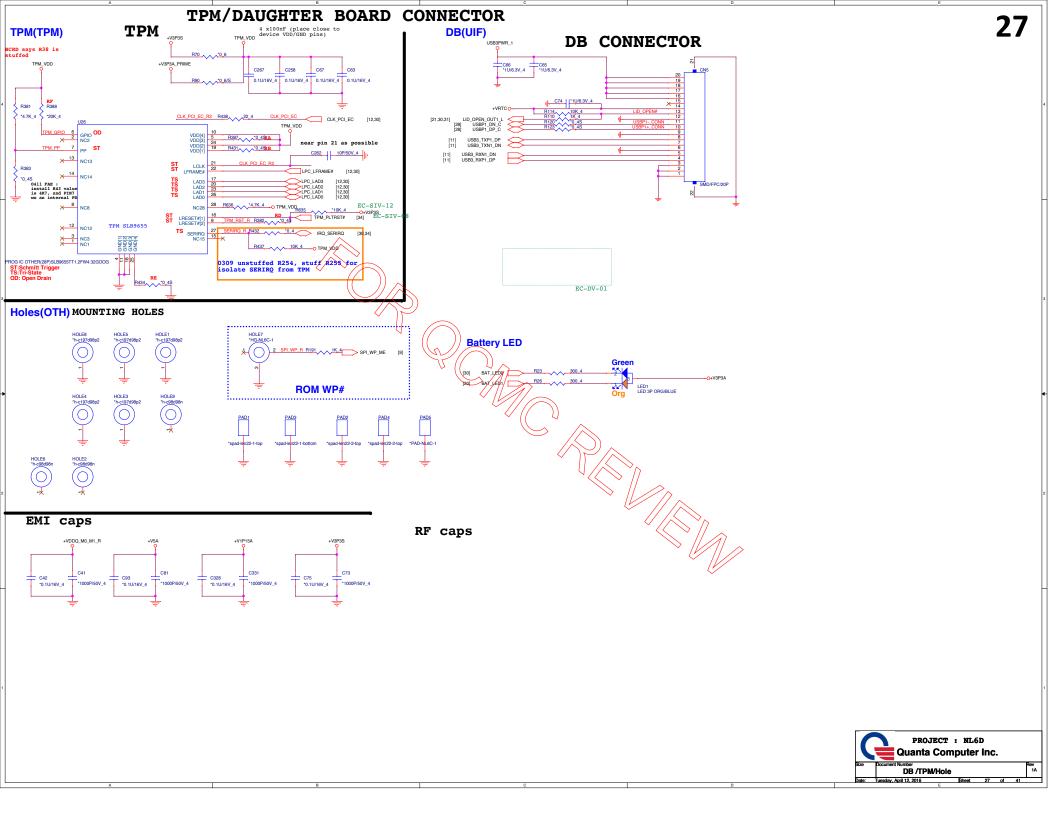


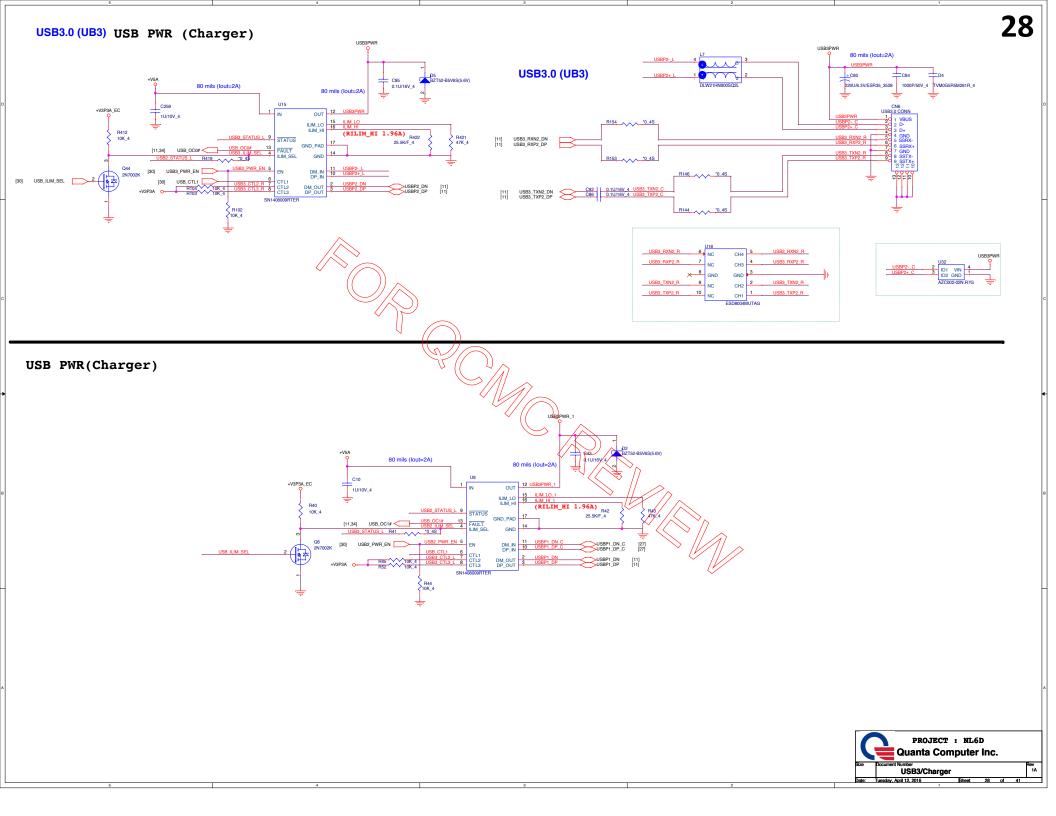


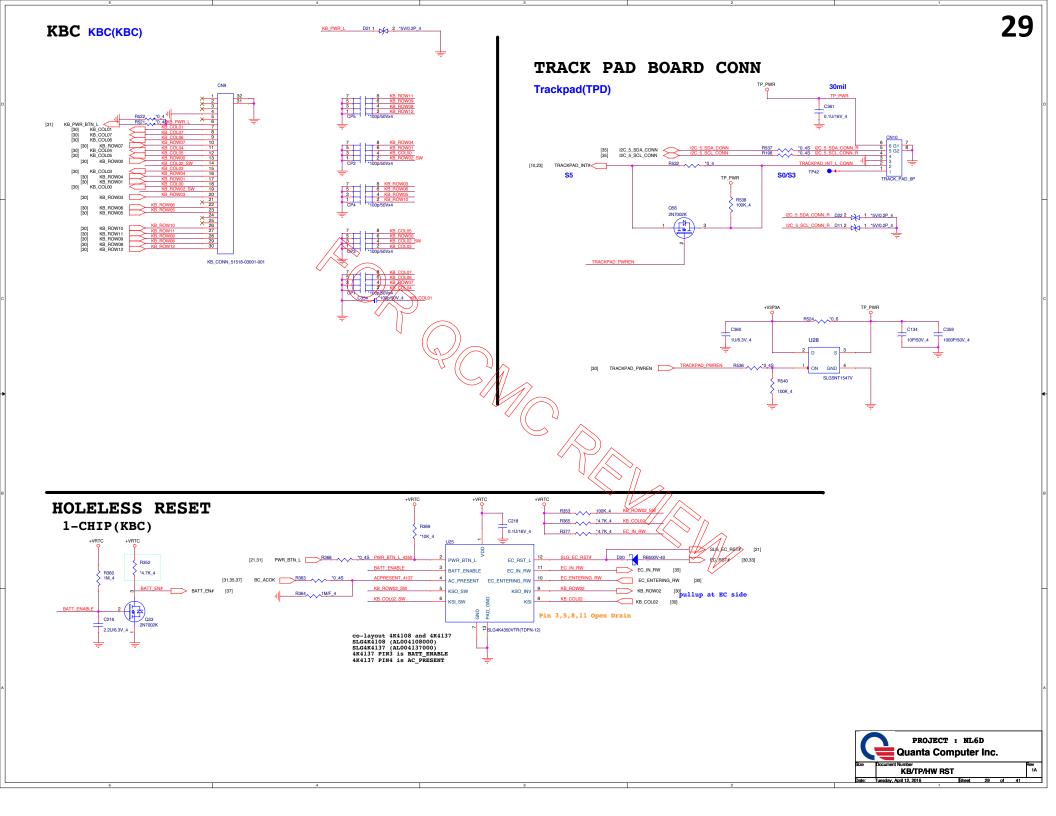


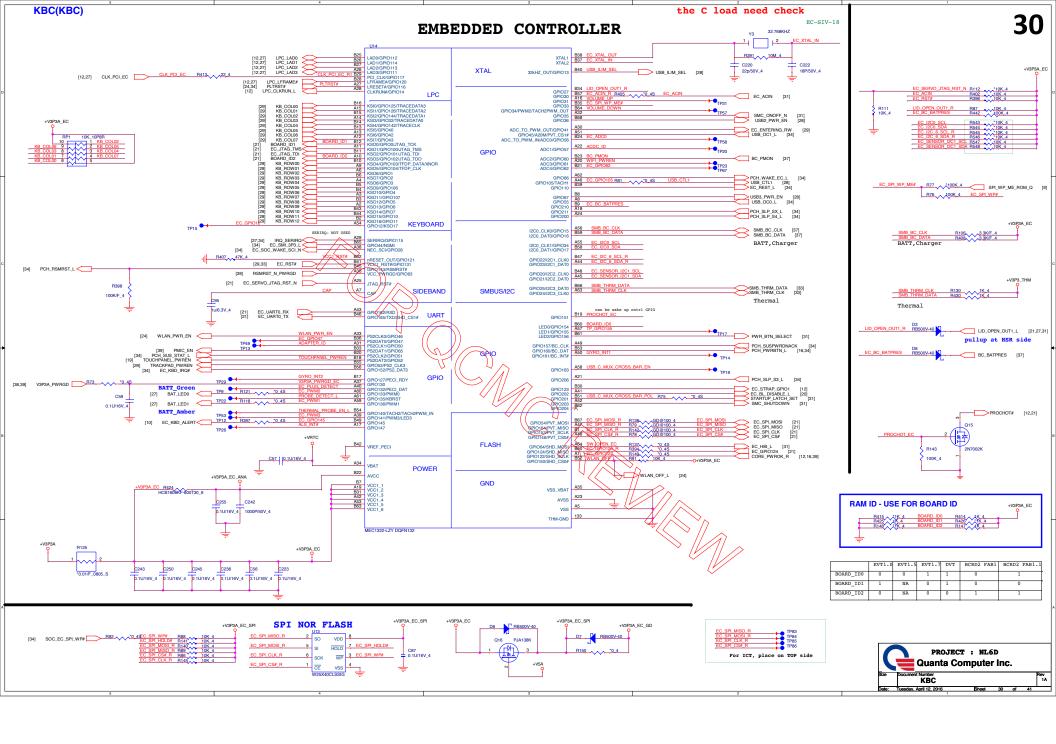


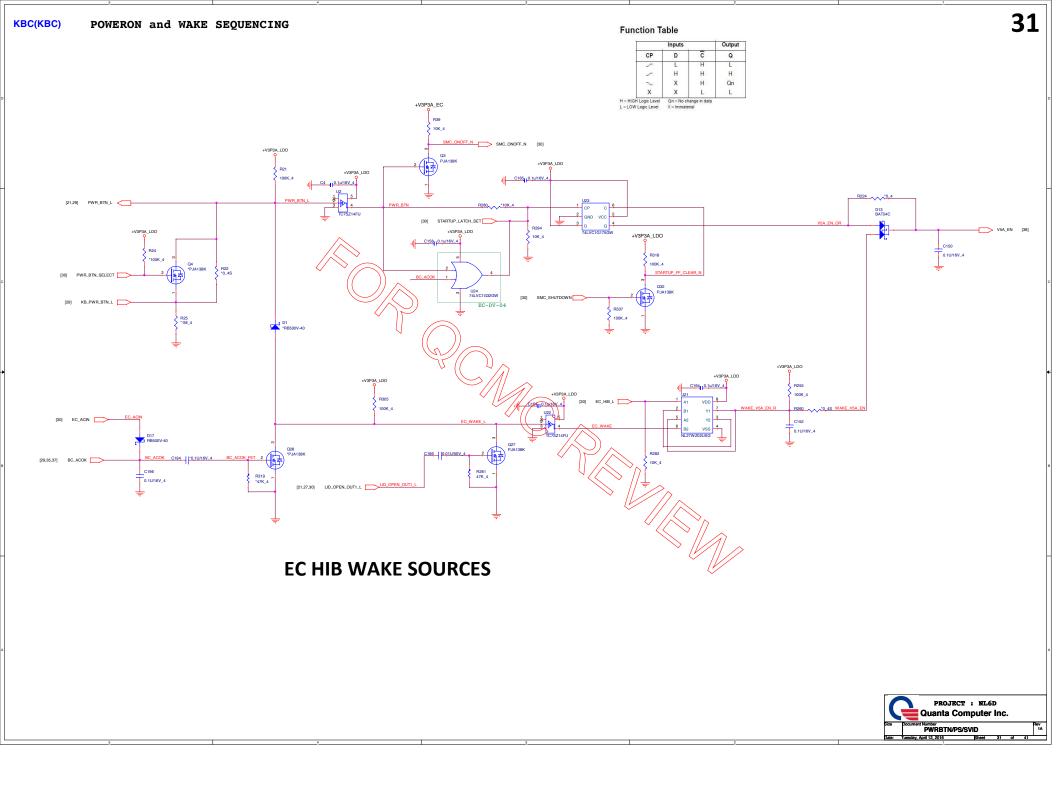






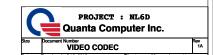


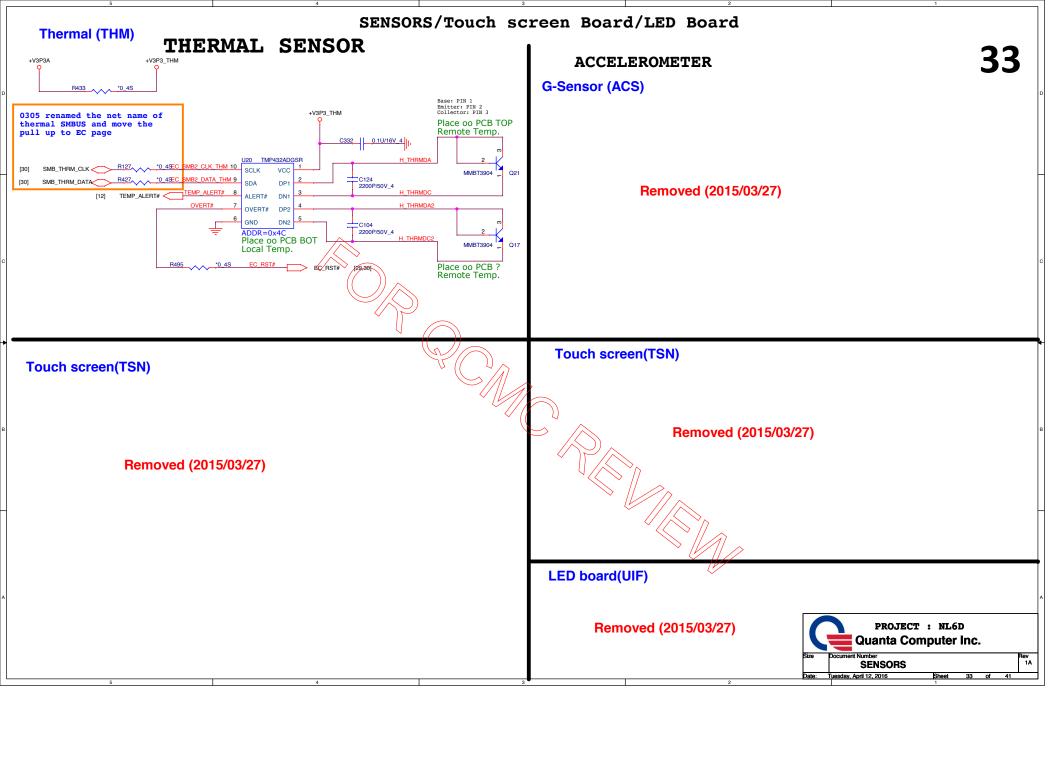


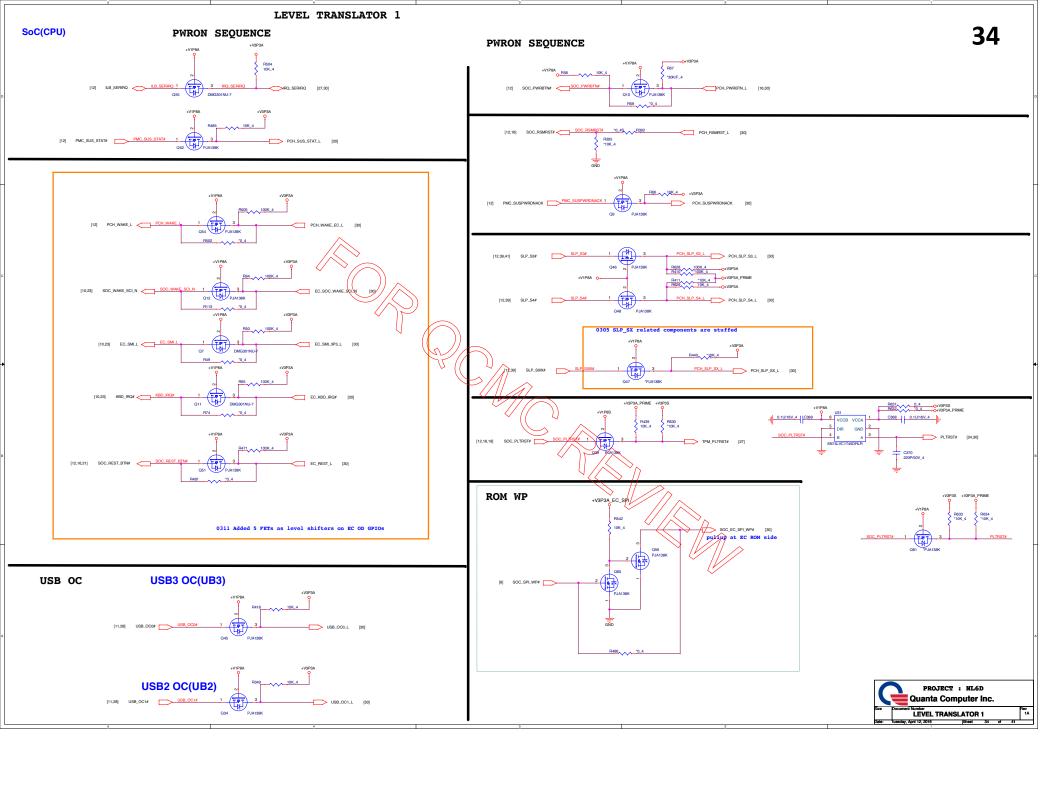


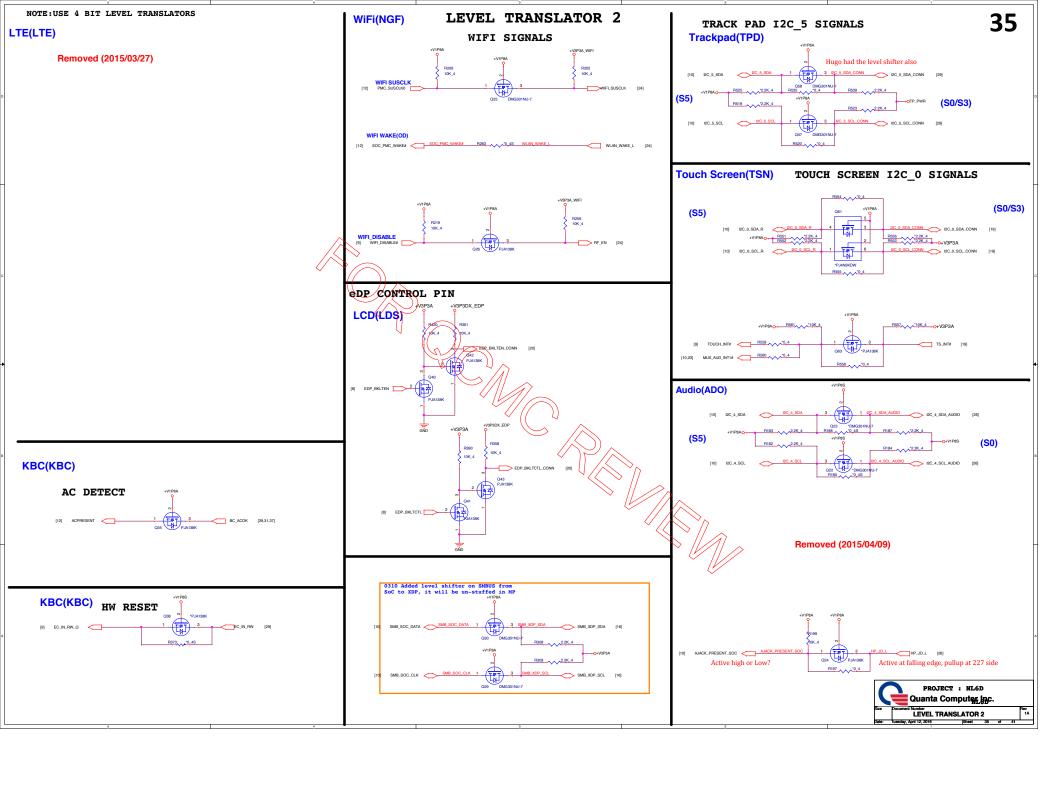
Video codec(VDC)





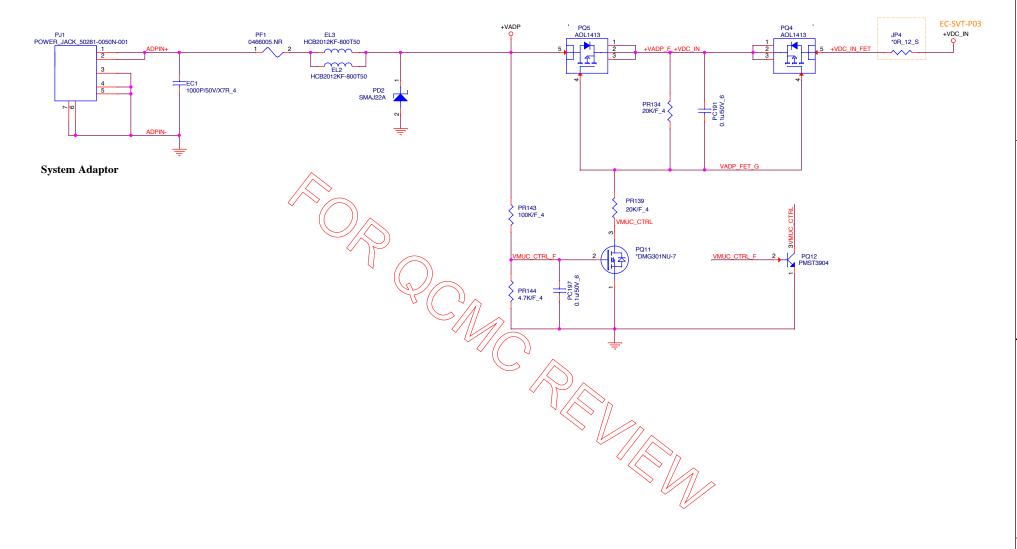


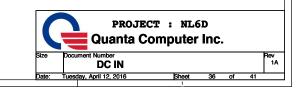


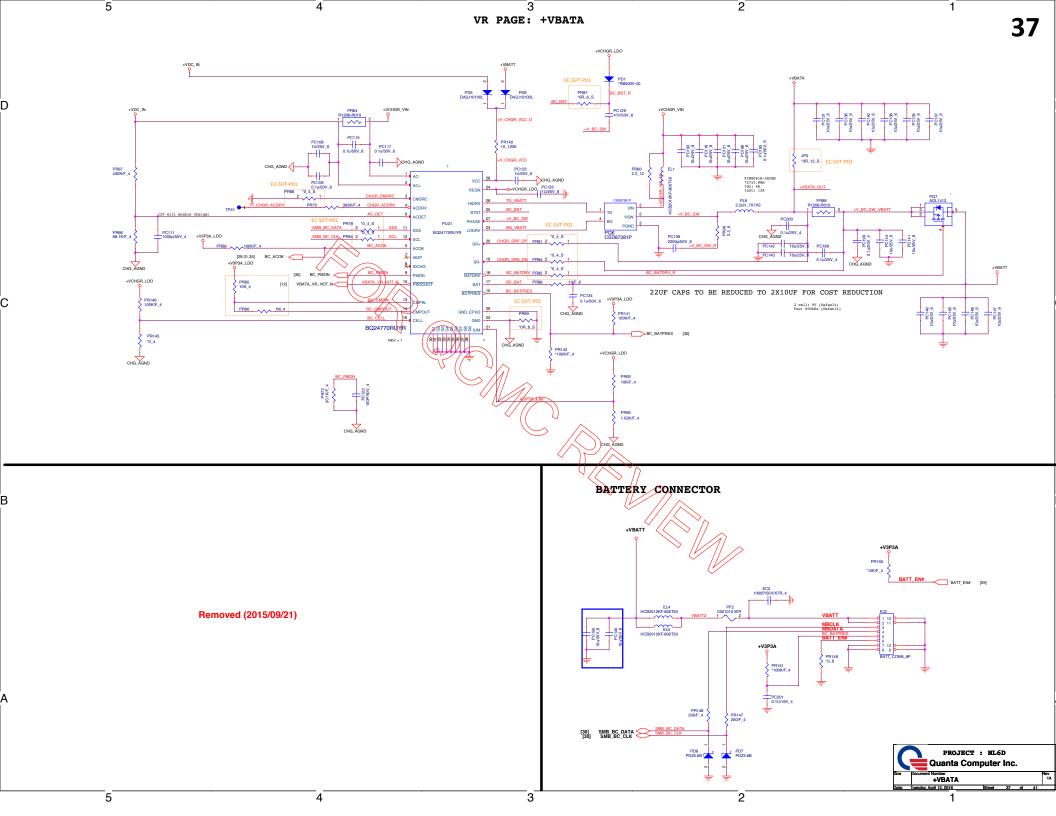


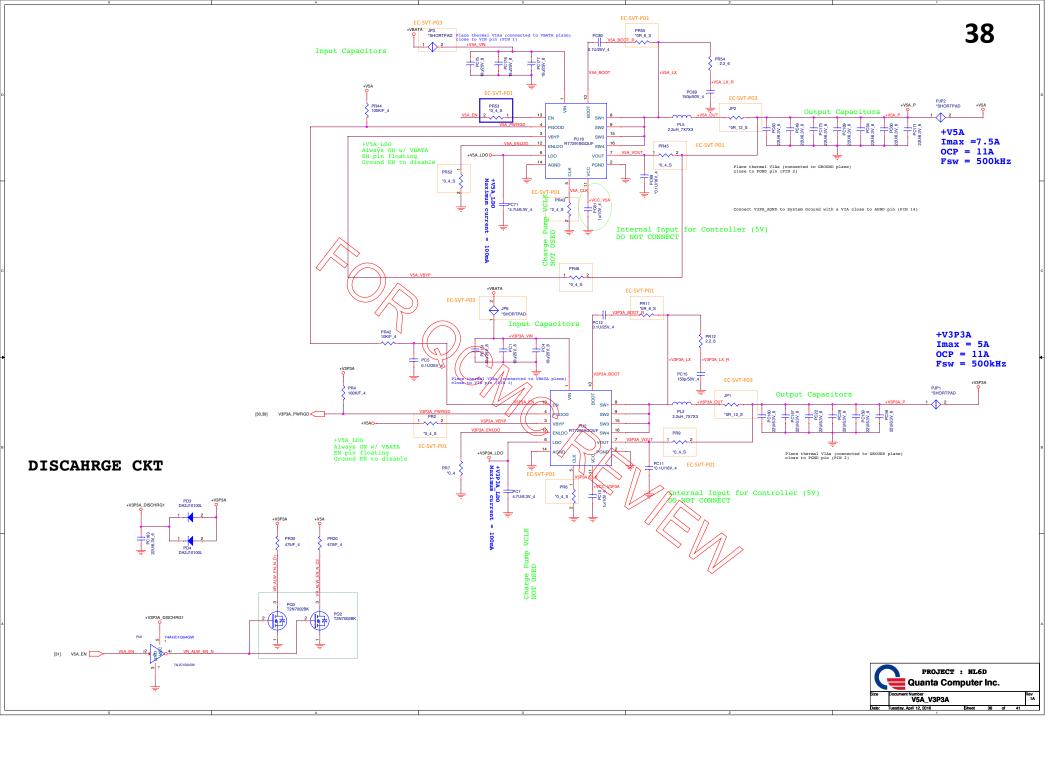
DC JACK

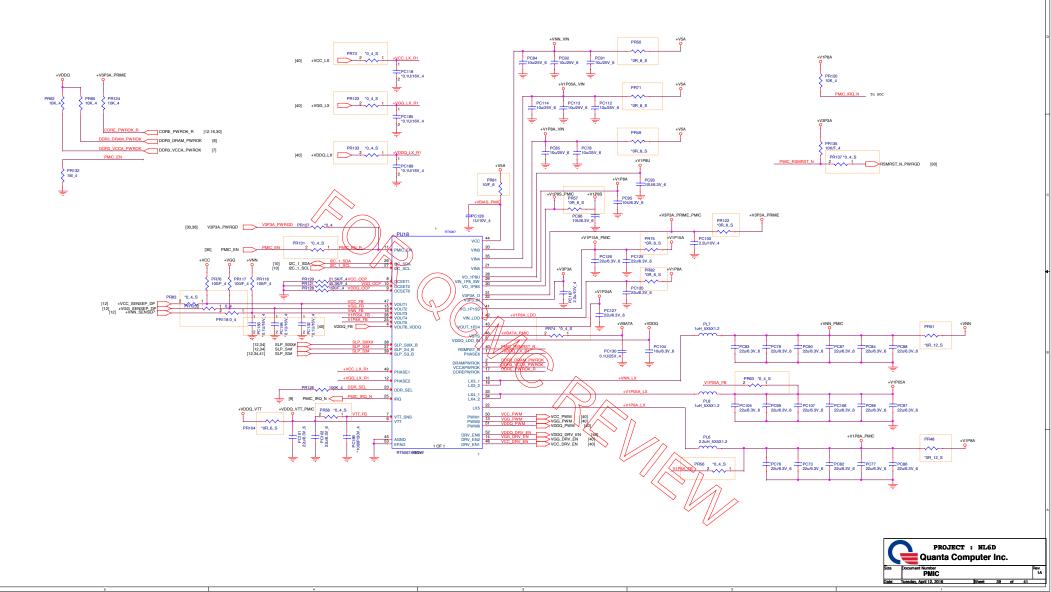
36

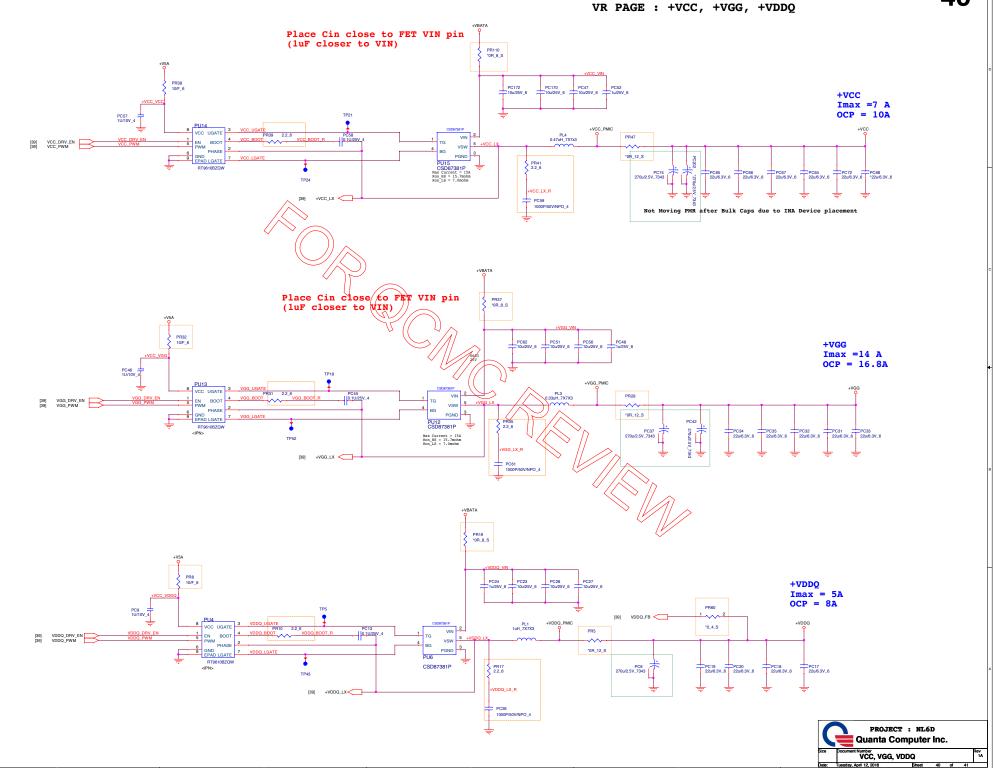












Notes: Imax: 100 mA Rise time: 150 uSec

y, April 12, 2016

VR PAGE: POWER GATES

SDMMC3_PWR_EN_N SDMMC3_1P8_EN

