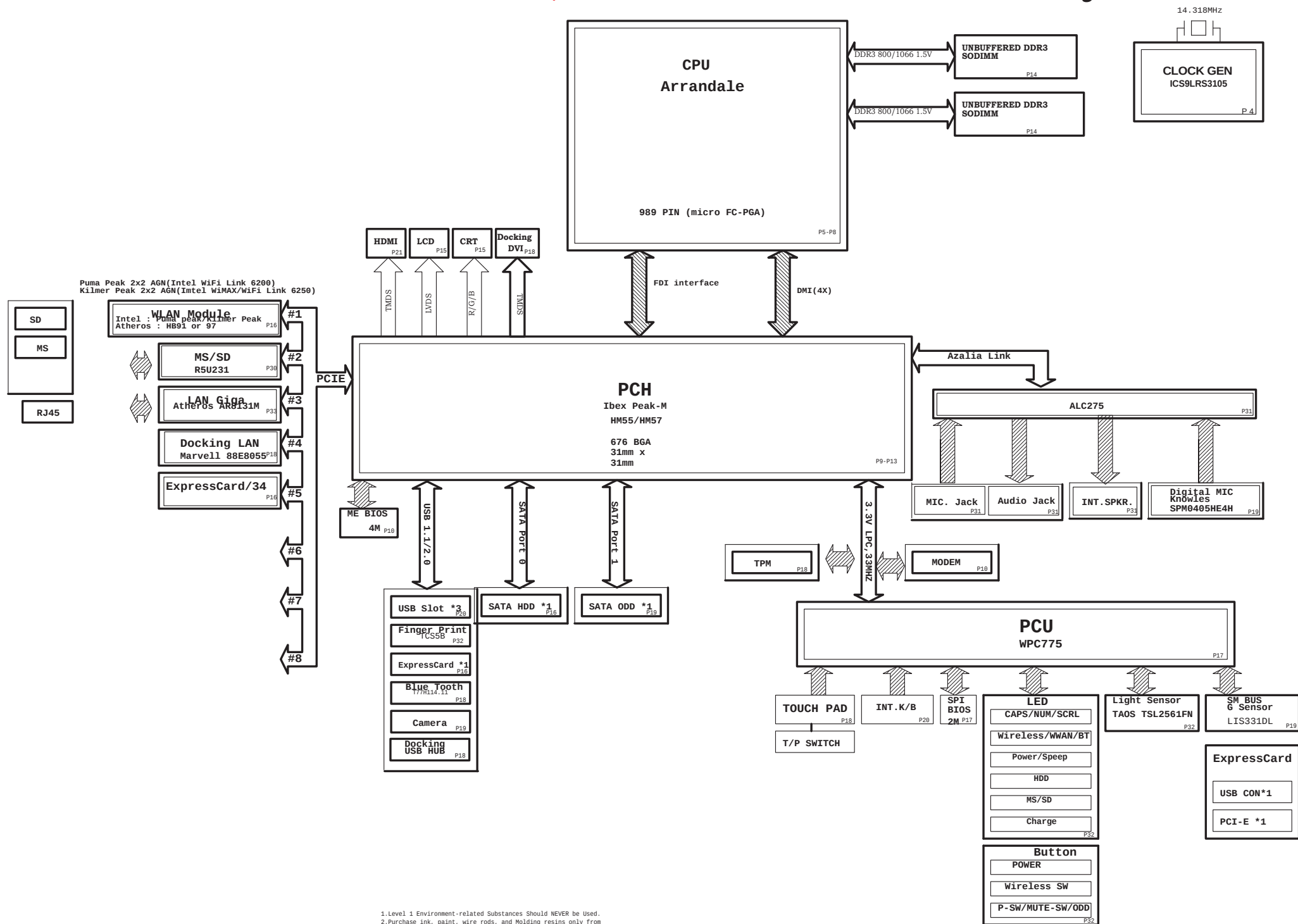


A@: for HDMI Level shift PS8101
B@: for HDMI Level shift PS8171

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03	Change List	1A	
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06	PROCESSOR 2/4(DDR)	1A	
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10	PCH 2/5 (SATA/LPC/Azalia)	1A	
11	PCH 3/5 (PCI/PCIE/CLK/USB)	1A	
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13	PCH 5/5 (POWER)	1A	
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22	POWER CPU CORE (ISL62882)	1A	
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25	POWER VCC1.05(0Z8111LN) -26A	1A	
26	POWER VCC_CFXCORE(MAX17028)	1A	
27	POWER VCC1.8	1A	
28	POWER CHARGER (ISL6252A)	1A	
29	POWER(ADAPTER IN / CONN)	1A	
30	R5U231	1A	
31	Audio ALC275	1A	
32	LED/Modem/Buttom	1A	
33	Atheros 8131M	1A	



0824
P13-Change C214 from no-mount to mount
0824 P13-Change C198 from 0.1u to 1U
0824 P13- Change C178 from 1U to 0.01U
0824 P5-Add C915 0.047u
0824 P10-Del R583
0824 P31-Change Ar21,AR22 from no-mount
to mount
0825 P11-Change RP12 from 2P2R to 0402
x2 for EMI issue.
0825A P18-Add D59 for leakage on DC mode
0826 P10- Change V2 pin define
0827 P18- Add R754 bypass option
0827A Add C916-C927 for S3 power reduction DG1.0
0828 P12- Change BT_PRS# from GIO1 1 to GPIO12
and pull up to RVCC3
0828 P12- Pull up to VCC3 for GPIO1
0828 isolation power plan for AH34,AH34,AF32

090830 Changed PR54 to 140K for OCP function.
090830 Elijah changed PC221 to 1000P.
090830 Elijah added the VCC1.5_CPU_VCC105_PWRGD circuit
2 sets.

0831B P15-Change L15 to F9 2.6A fuse
0831A P18-Add R760 serial on IRQ_SERIRQ

090703 Changed PR178 to 6.04K.
090703 Changed PR198 to 9.09K.
090703 Changed PR187 to 1.9K.
090703 Elijah changed PR55 from 150K to 3.57K.
090703 Elijah deleted PR154.
090703 Elijah changed PR157 to 3300pF.
090703 Elijah changed PR157 to 3.57K.
090703 Changed PR145 to 15K.
090706 Elijah changed PC19-GND
and PC25-gnd to ISUM- for G6 reboot issue.
090706 Elijah changed PC19-GND and PC25-gnd
to ISUM- for G6 reboot issue.
090819 Changed PUI1 to TSL6288ZHRZ-TR5390 for Vender asking
issues.
090819 Changed PR26 to 2.8K for load line improving.
090819 Changed PQ10, PQ13 to A0N7406 for H/W ripple
and noise reducing.
090819 Changed PR48 to 98.9K for power-on issue.
090819 Added PC107 and reset circuit for power-on issue.
090819 Changed PR54 to 130K for OCP.
090819 Added VCC1_5_CPU, VCC1_5_CPU_VCC1_5_PwrGD
and PQ34 for S3 Power saving.
090819 Added PD2 for timing.
090819 Changed PR154 connecting with output capacitors
for OCP.
090819 Changed PR187 to 16.5K for load line improving.
090819 Changed PR326 to 330K for ACIN signal improving.
090819 Changed PR72 from no-mount to mount

0824
P13-Change C214 from no-mount to mount
0824 P13-Change C198 from 0.1u to 1U
0824 P13- Change C178 from 1U to 0.01U
0824 P5-Add C915 0.047u
0824 P10-Del R583
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0825 P11-Change RP12 from 2P2R to 0402
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0828 isolation power plan for AH34,AH34,AF32

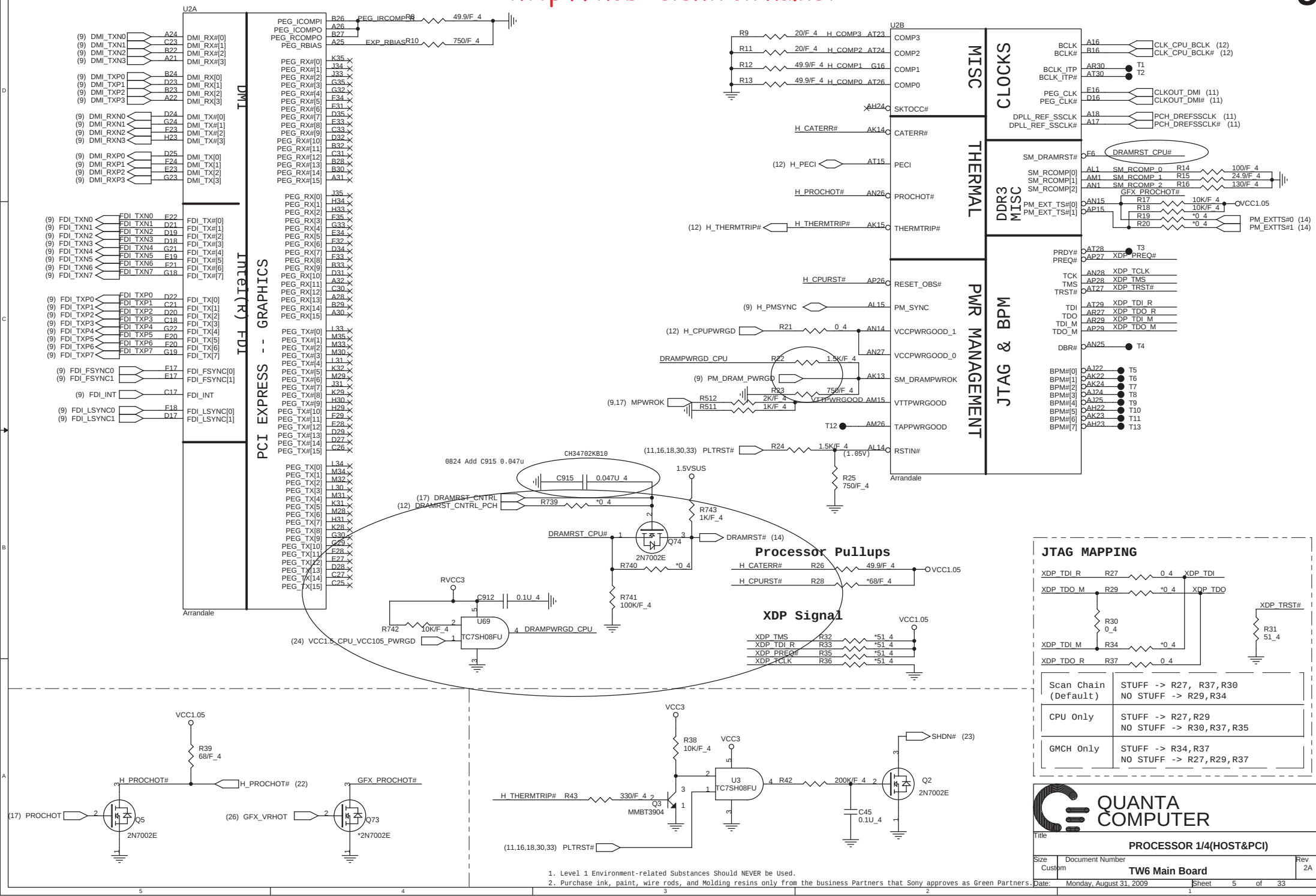
090830 Changed PR54 to 140K for OCP function.
090830 Elijah changed PC221 to 1000P.
090830 Elijah added the VCC1.5_CPU_VCC105_PWRGD circuit
2 sets.

0831B P15-Change L15 to F9 2.6A fuse
0831A P18-Add R760 serial on IRQ_SERIRQ

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Size	Document Number			Rev
Custom		TW6 Main Board		1A
Date:	Monday, August 31, 2009	Sheet	3	of 33

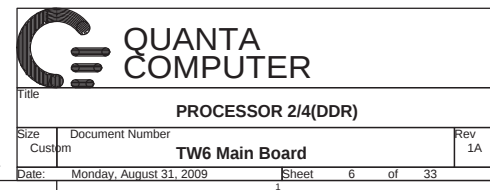


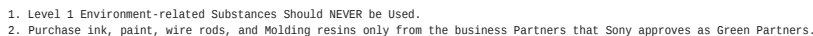
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CLOCK GENERATOR				
Size	Document Number			Rev
	TW6 Main Board			2A
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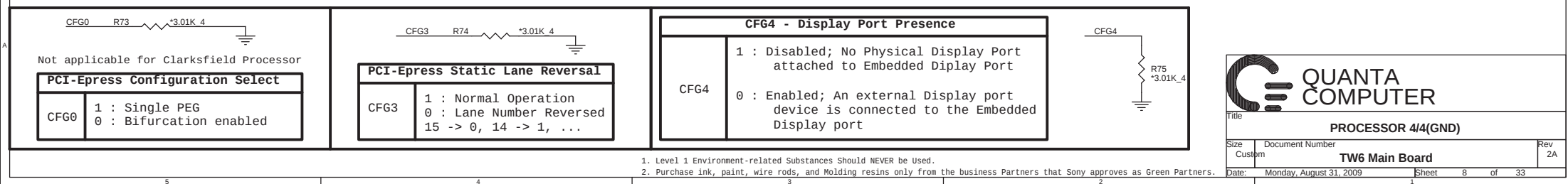


1. Level 1 Environment-related Substances Should NEVER be Used.

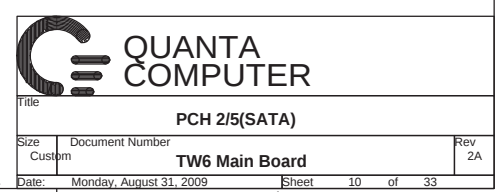
2. Purchase ink, paint, wire rods, and Molding resins only from the business Partners that Sony approves as Green Partners.

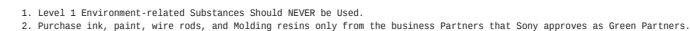


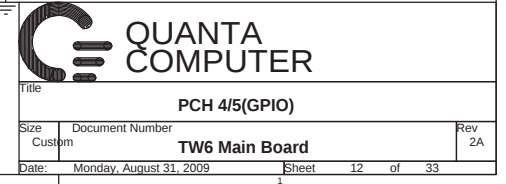
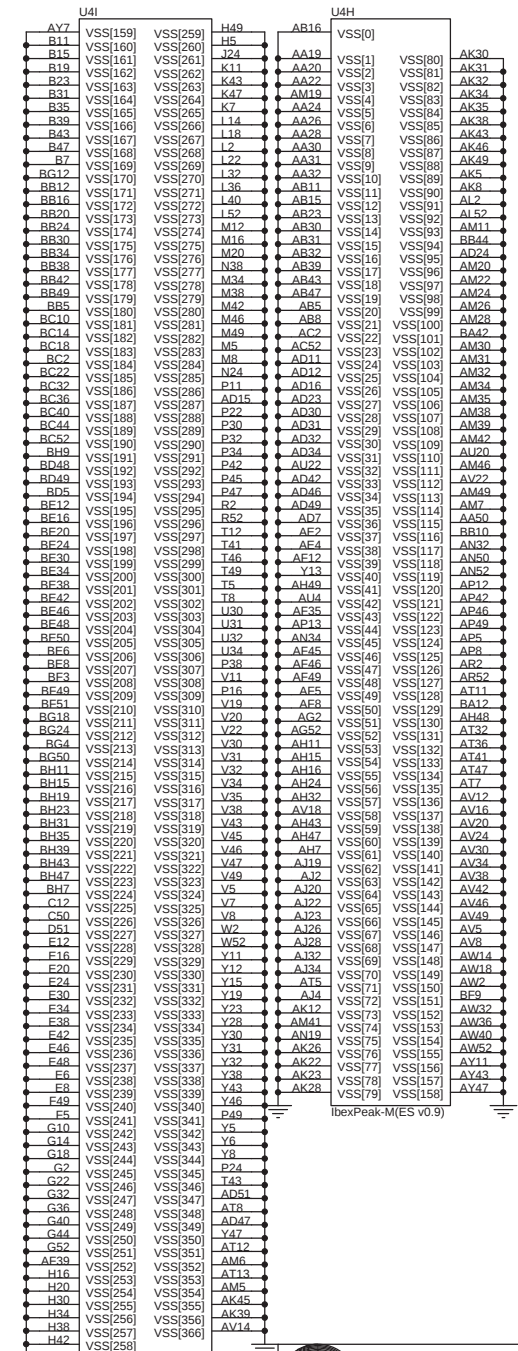


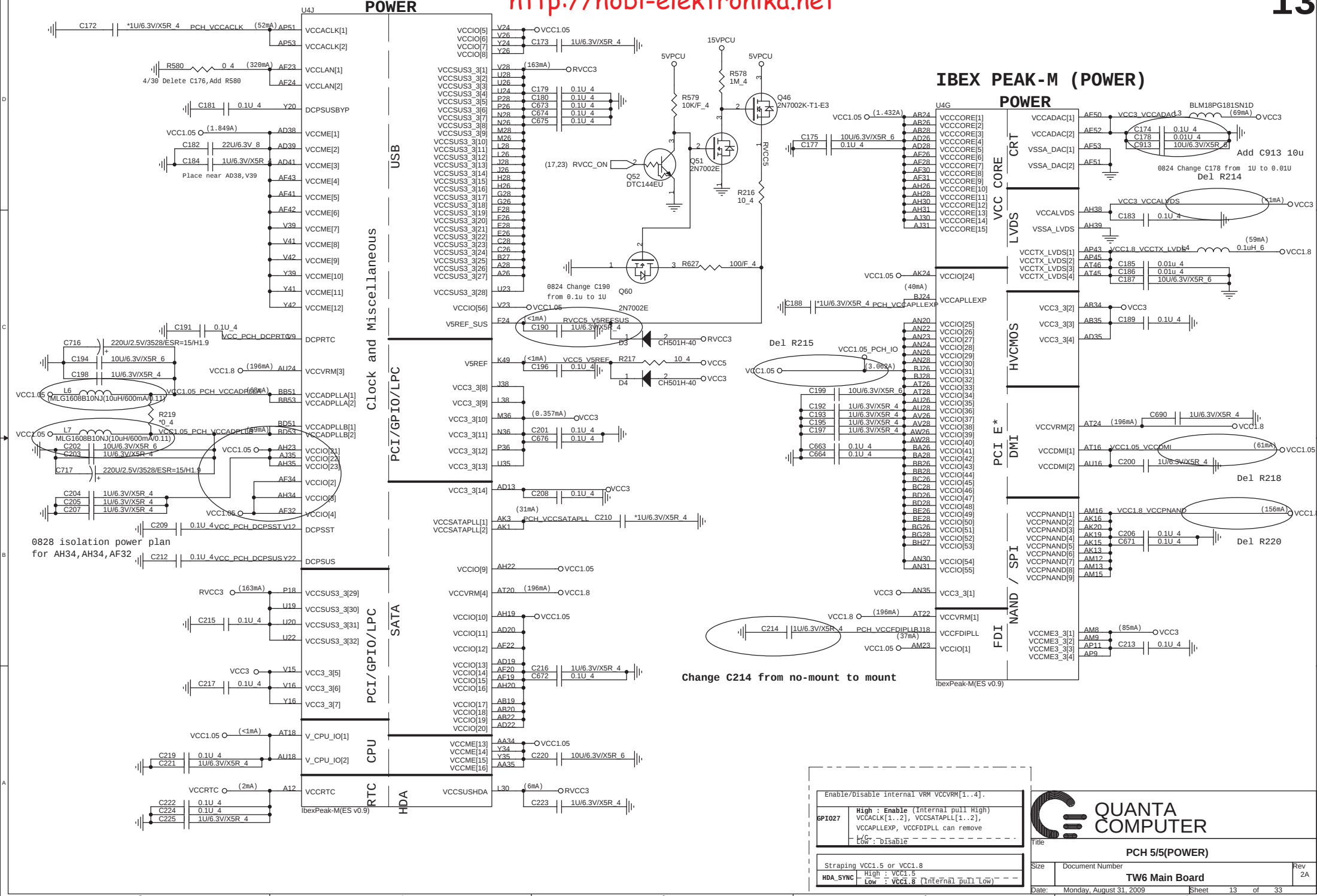


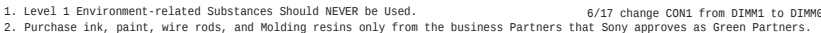




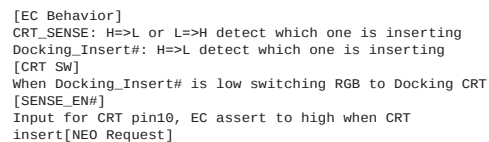
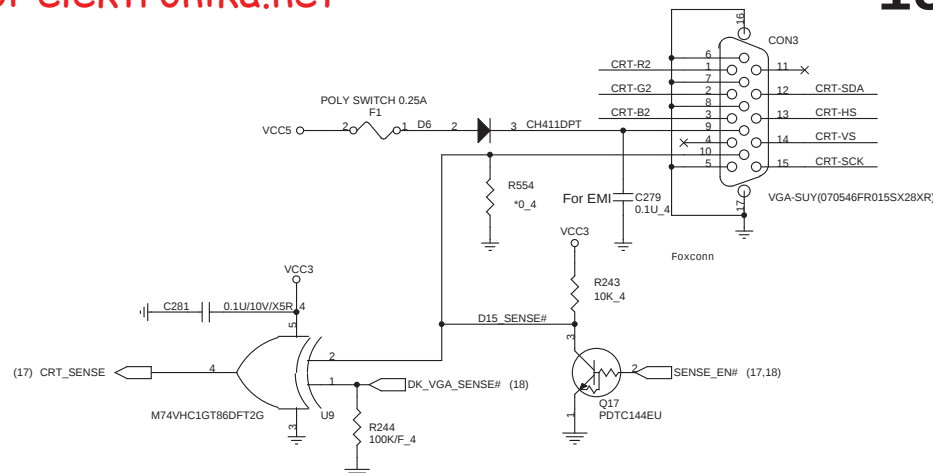






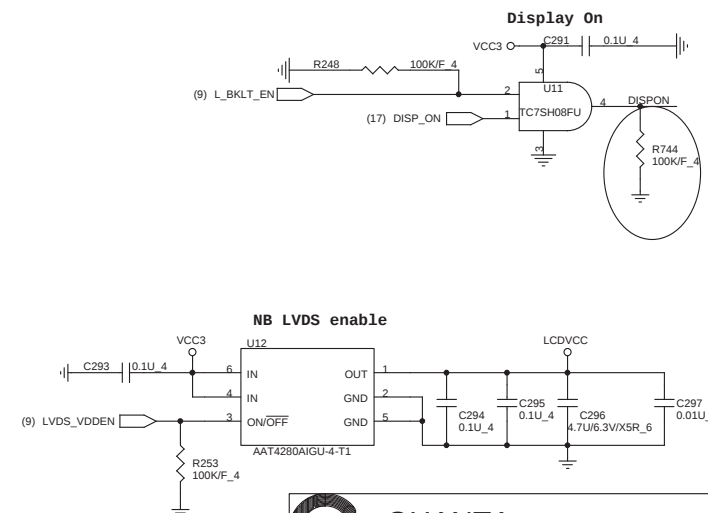


CRT



	SENSE_EN#	DK_VGA_SENSE#	D15_SENSE#	Docking_Insert#	CRT_SENSE
Without Docking					
MB CRT no Plug	L	L	H	H	L
MB CRT Plug in	L	L	H => L	H	L => H
MB CRT plug out	L	L	L => H	H	H => L
With Docking					
All no Plug	L	L	H	L	L
MB CRT Plug in	L	L	H => L	L	L => H
MB CRT plug out	L	L	L => H	L	H => L
DOCK DVI Plug in	L	H => L	H	L	H => L
DOCK DVI Plug out	L	L => H	H	L	L => H
DOCK CRT Plug	L	H => L	H	L	H => L
DOCK CRT/DVI Plug	L	L => H	H	L	L => H

2CH LVDS

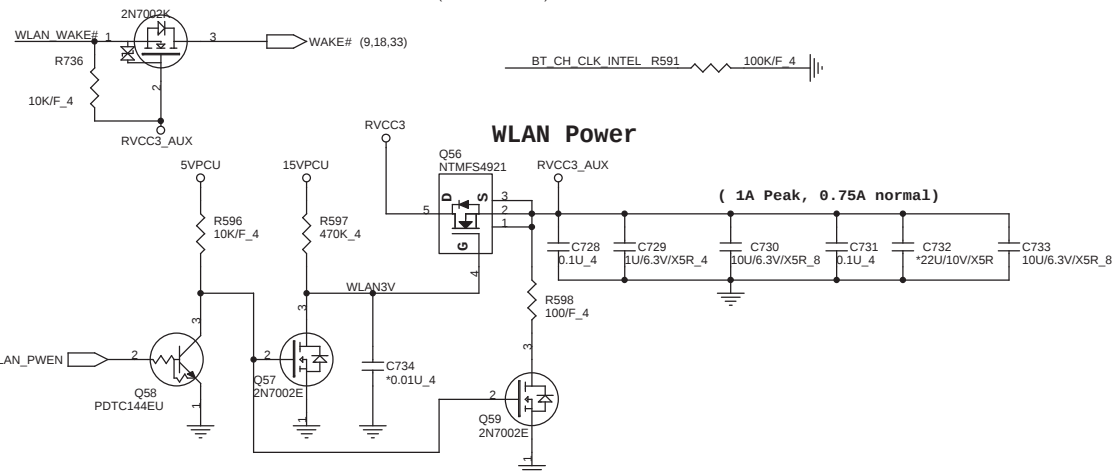
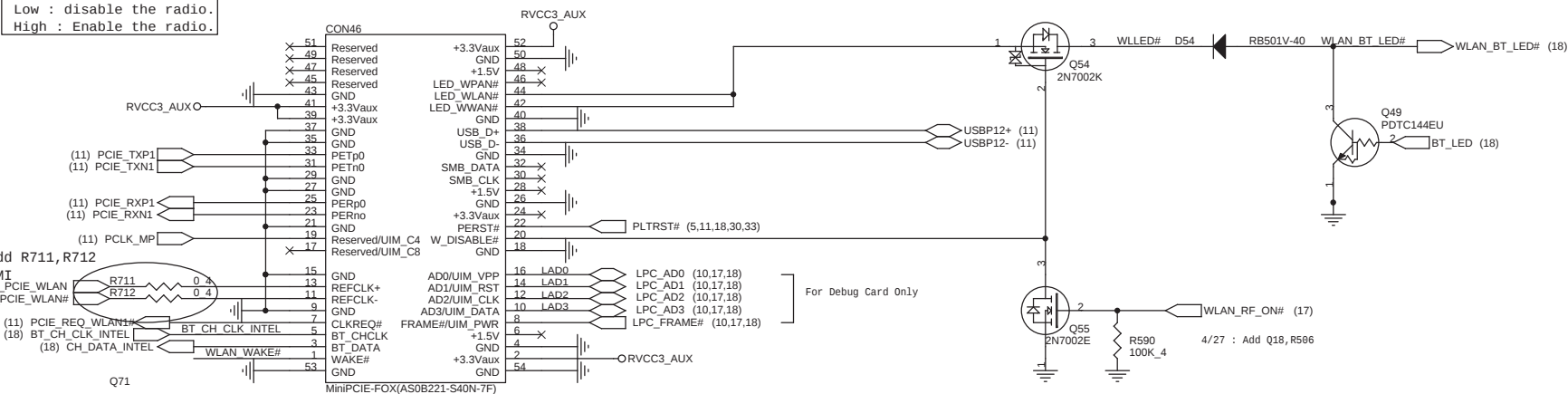


QUANTA
COMPUTER

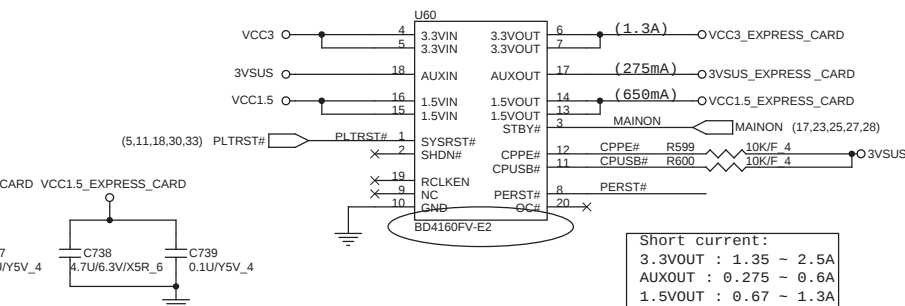
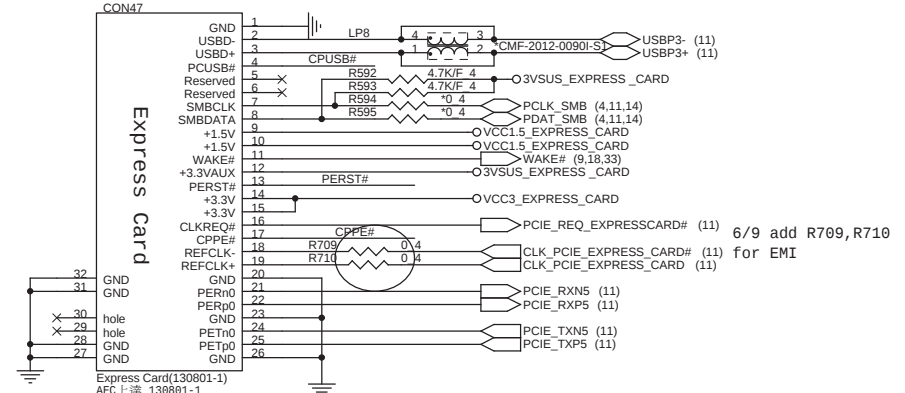
Title			
CRT/LVDS			
Size	Document Number		Rev
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Mini PCI-E Card FOR WL

WLAN_RF_ON:
Low : disable the radio.
High : Enable the radio.



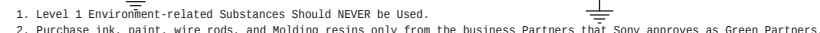
EXPRESS CARD



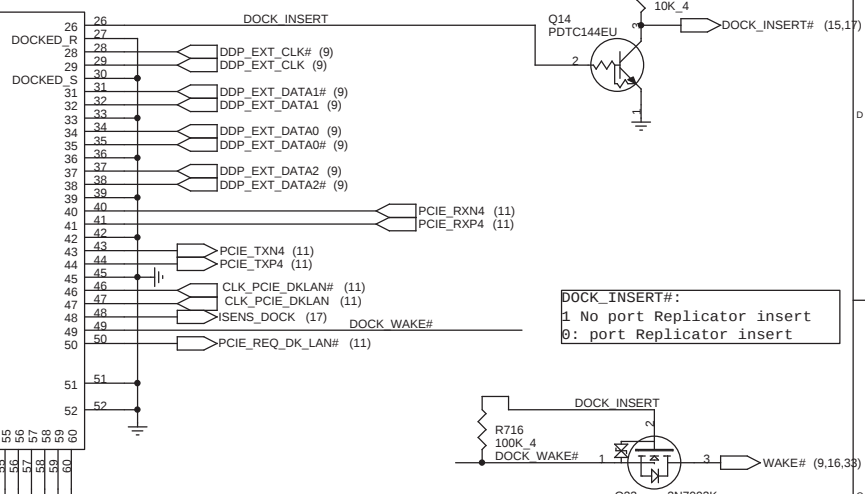
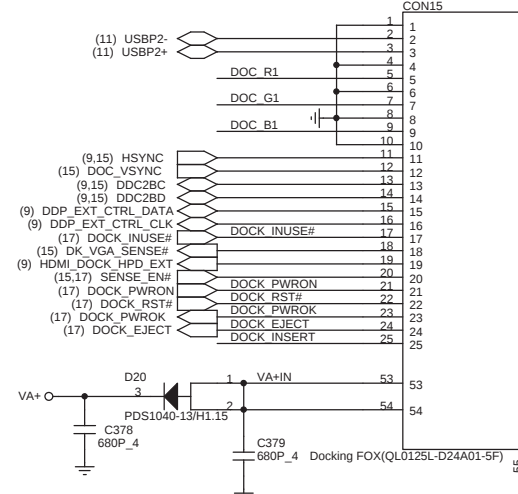
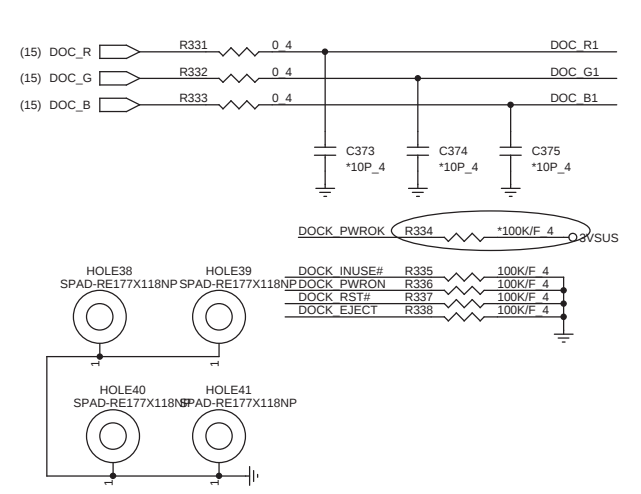
Short current:
3.3VOUT : 1.35 ~ 2.5A
AUXOUT : 0.275 ~ 0.6A
1.5VOUT : 0.67 ~ 1.3A



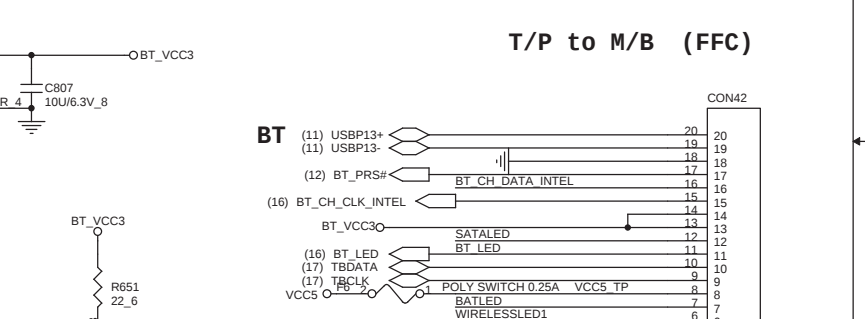
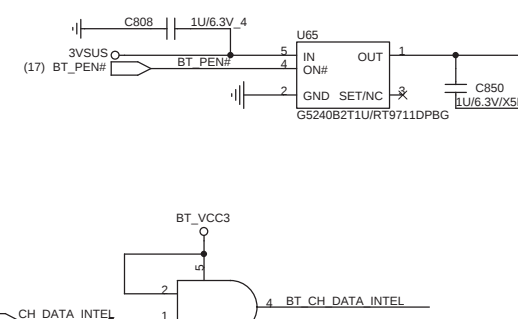
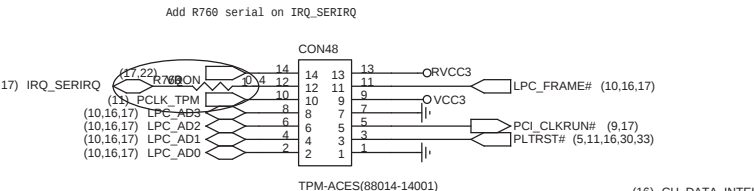
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WLAN/EXPRESS CARD			
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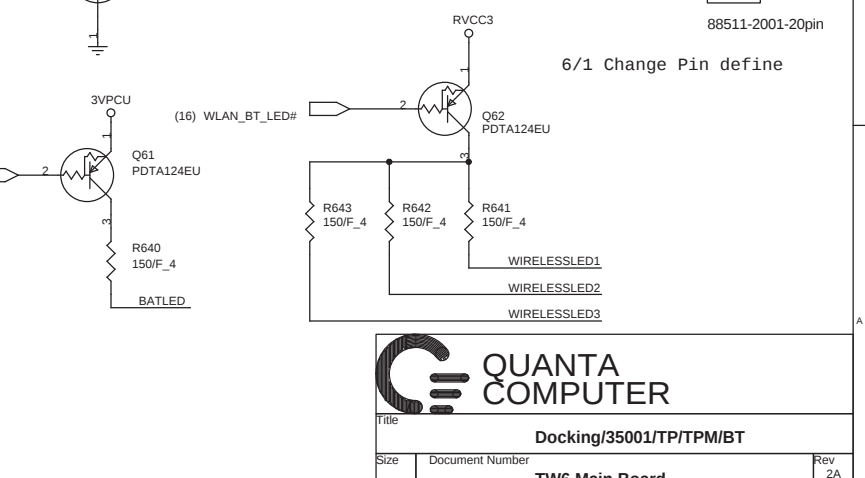
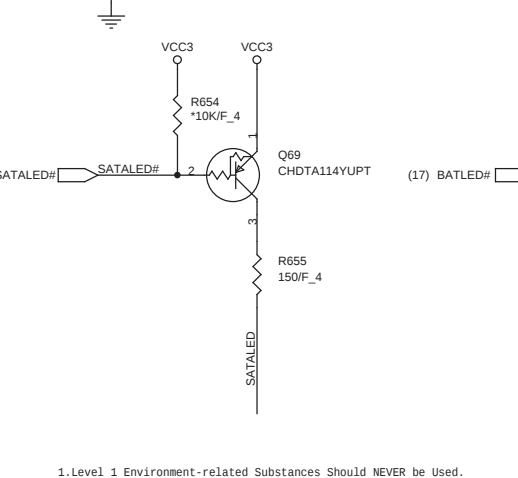
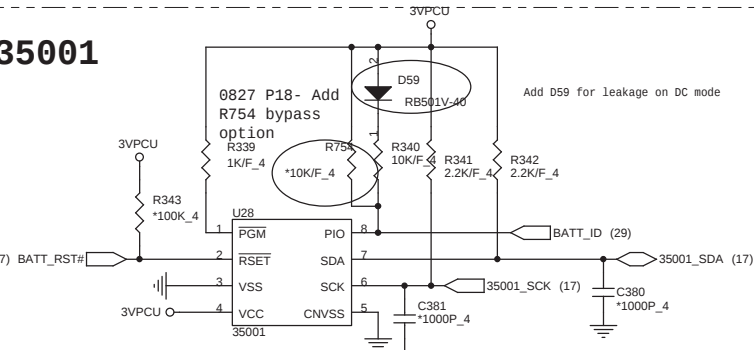
Docking



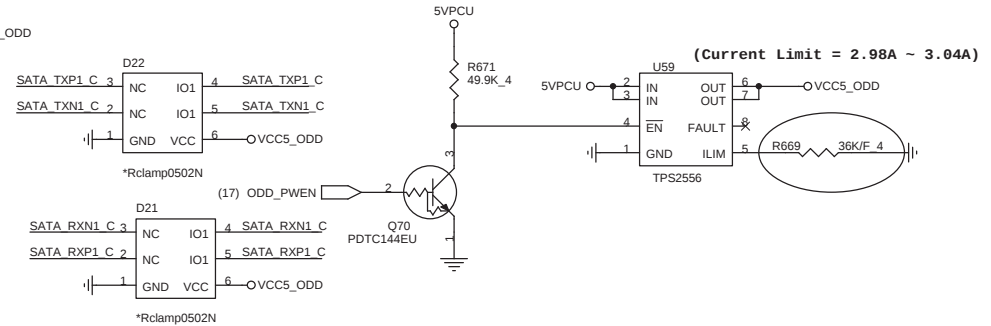
TPM



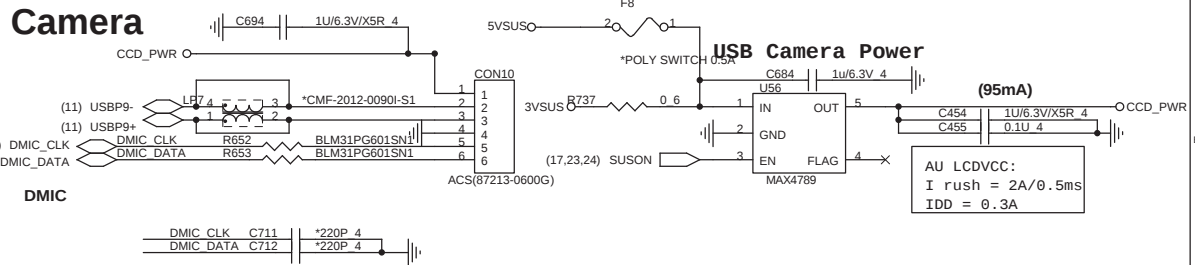
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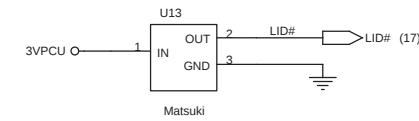
1.Level 1 Environment-related Substances Should NEVER be Used.
2.Purchase ink, paint, wire rods, and Molding resins only from the business Partners that Sony approves as Green Partners.



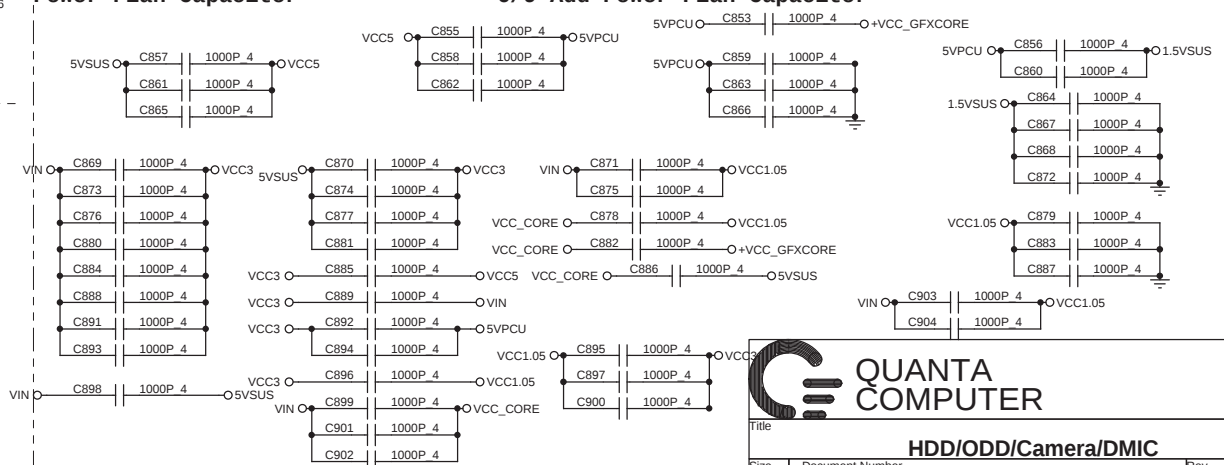
USB Camera Power



Power Plan Capacitor

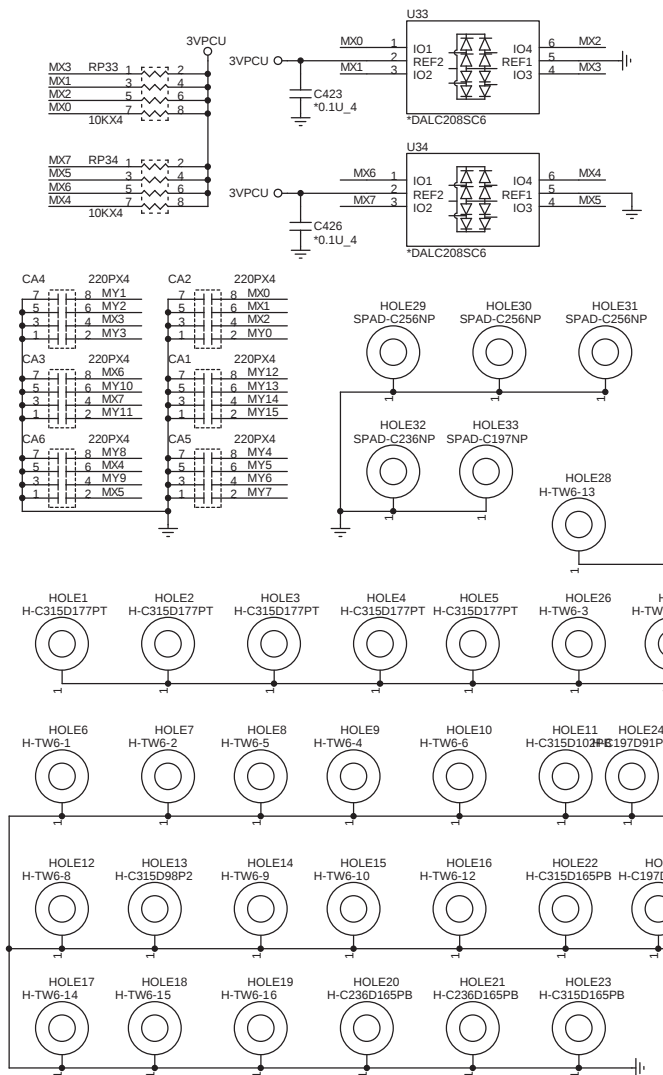
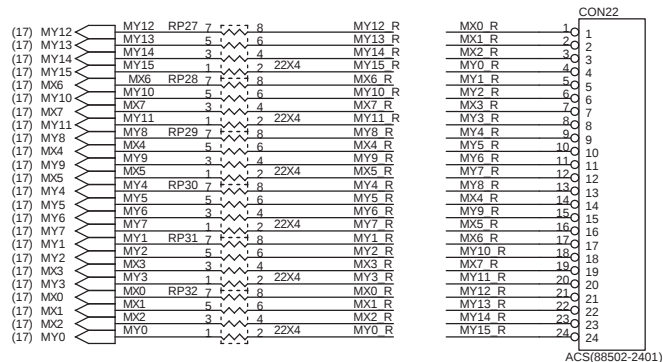


6/9 Add Power Plan Capacitor

[illegible]

2. Purchase ink, paint, wire rods, and Molding resins only from the business Partners that Sony approves as Green Partners.

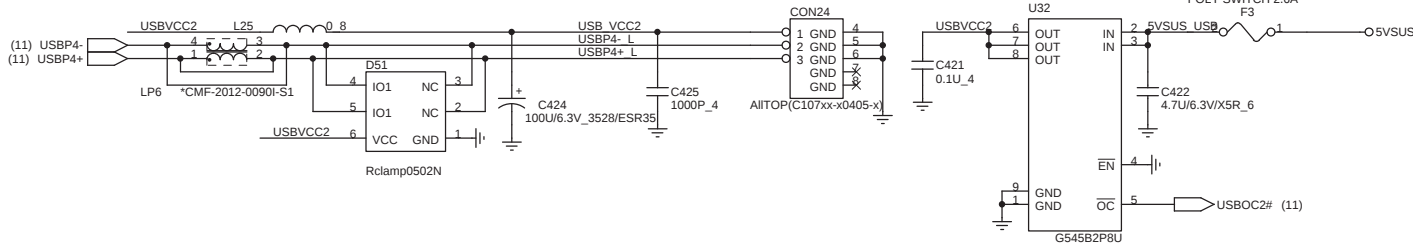
KEYBOARD



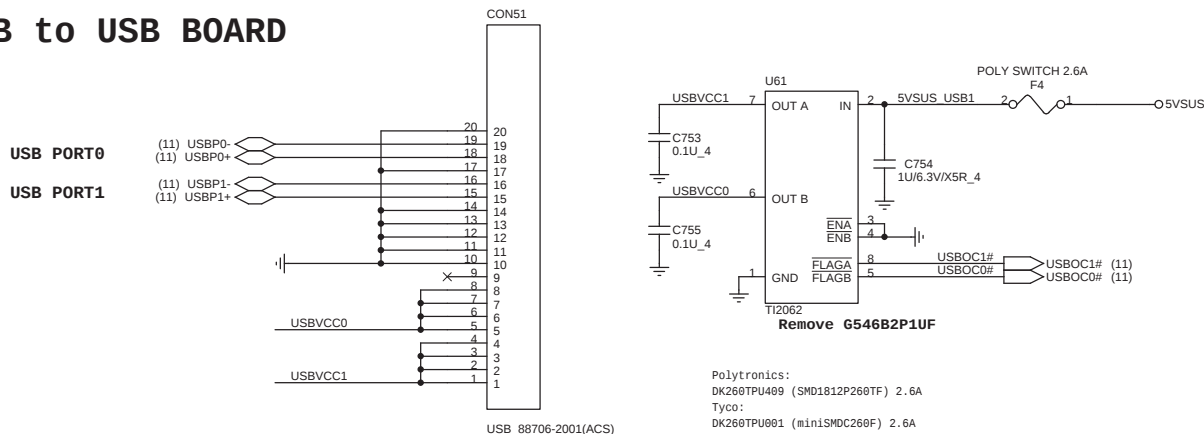
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TID number: no certified

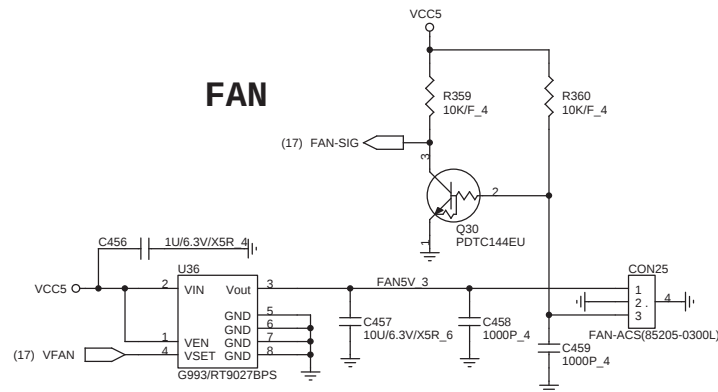
20



MB to USB BOARD



FAN



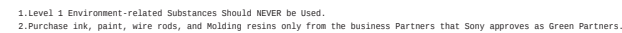
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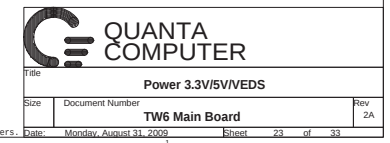


Title	KB/USB/FAN/Reset
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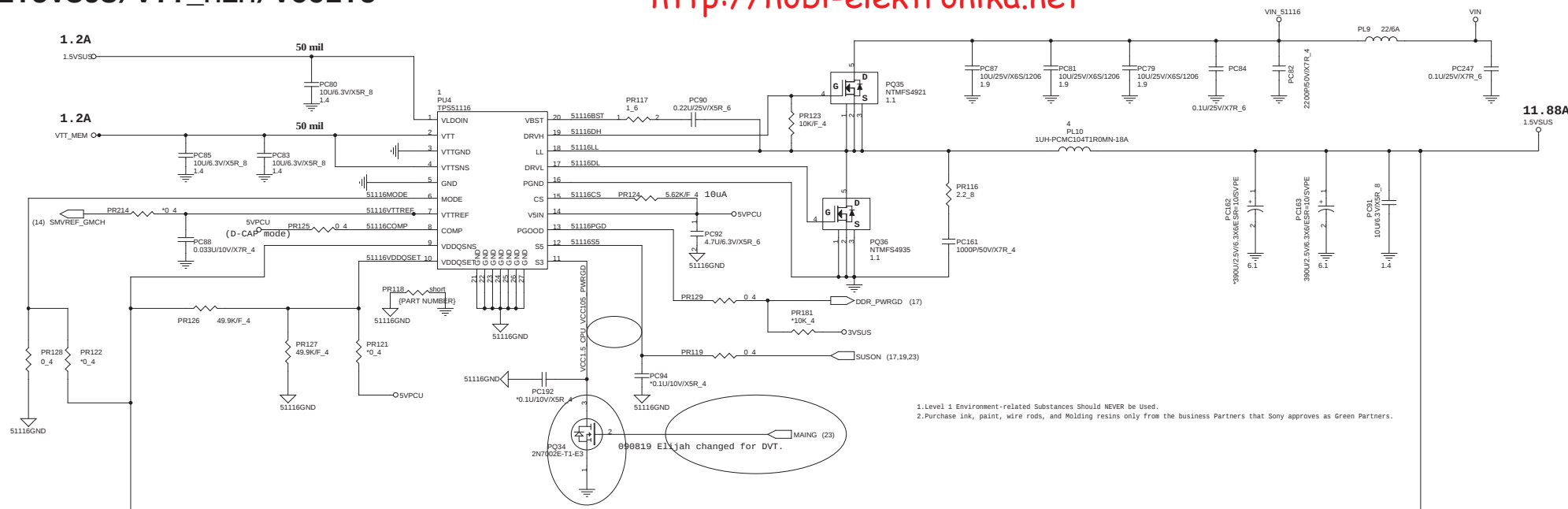
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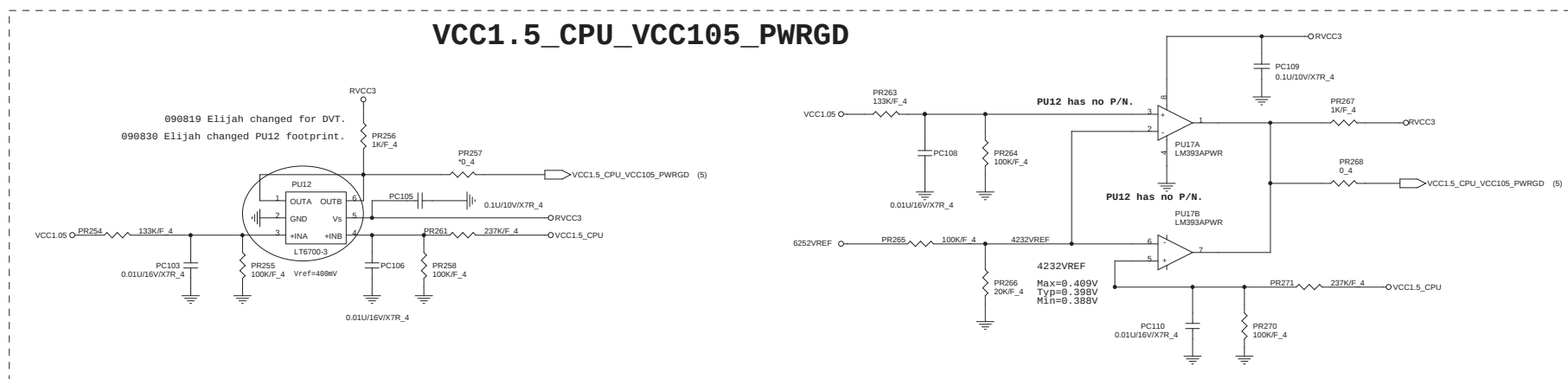




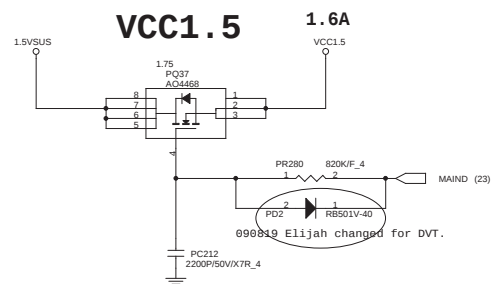
1.5VSUS/VTT_MEM/VCC1.5



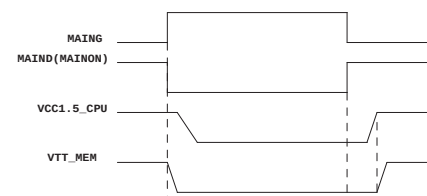
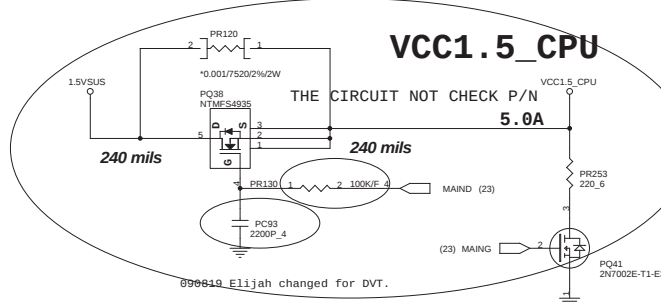
VCC1.5_CPU_VCC105_PWRGD

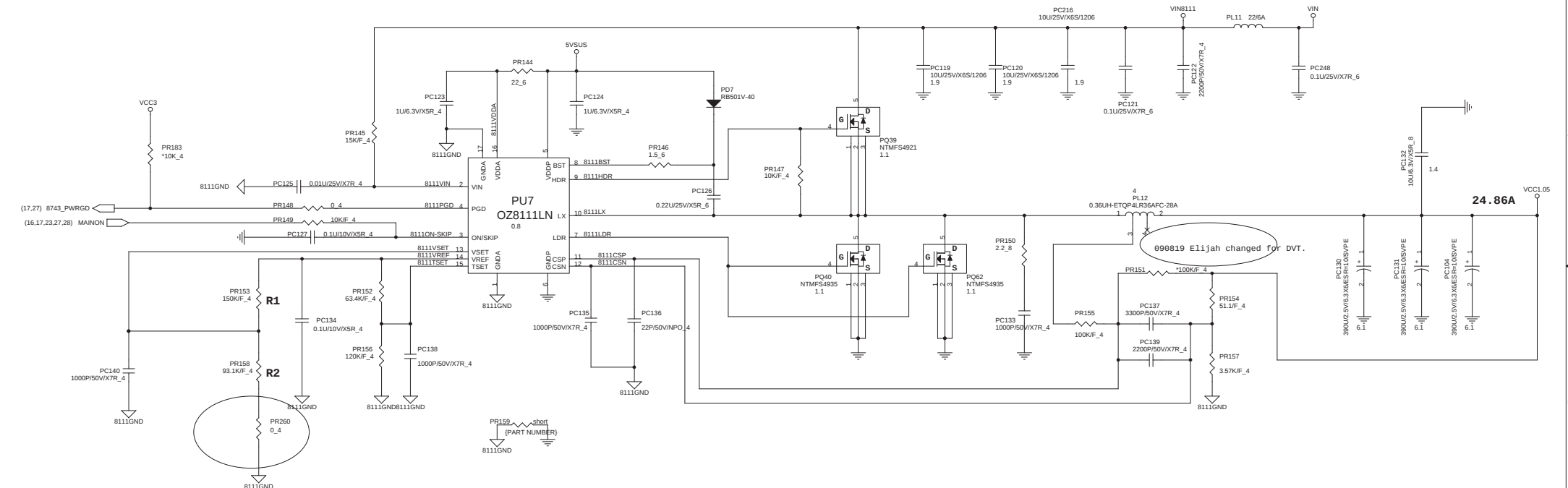


VCC1.5



VCC1.5 CPU

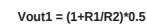


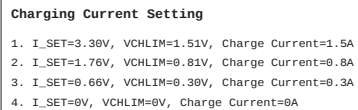


090828 Elijah added PR260 for DVT function.
 $V_{out}=2.75*(R2/(R1+R2))$

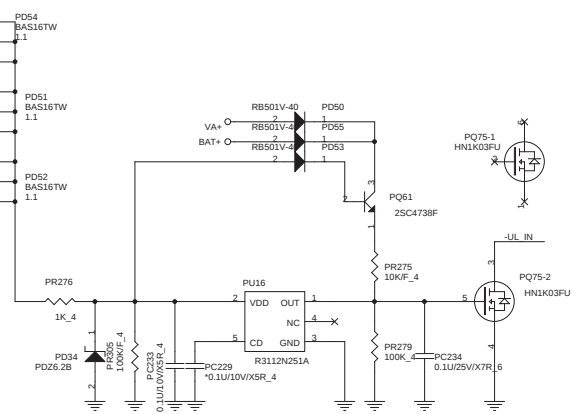
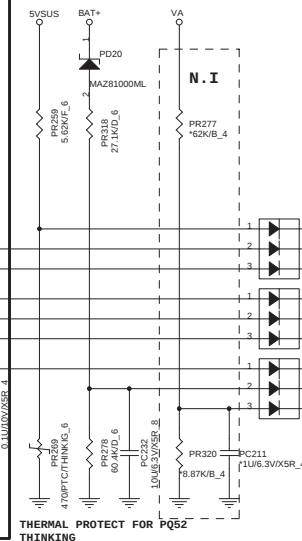
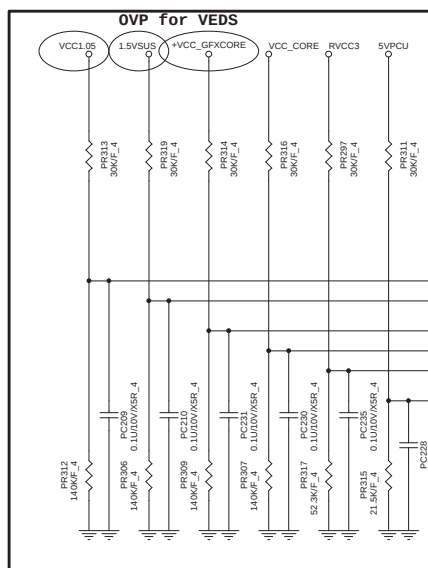
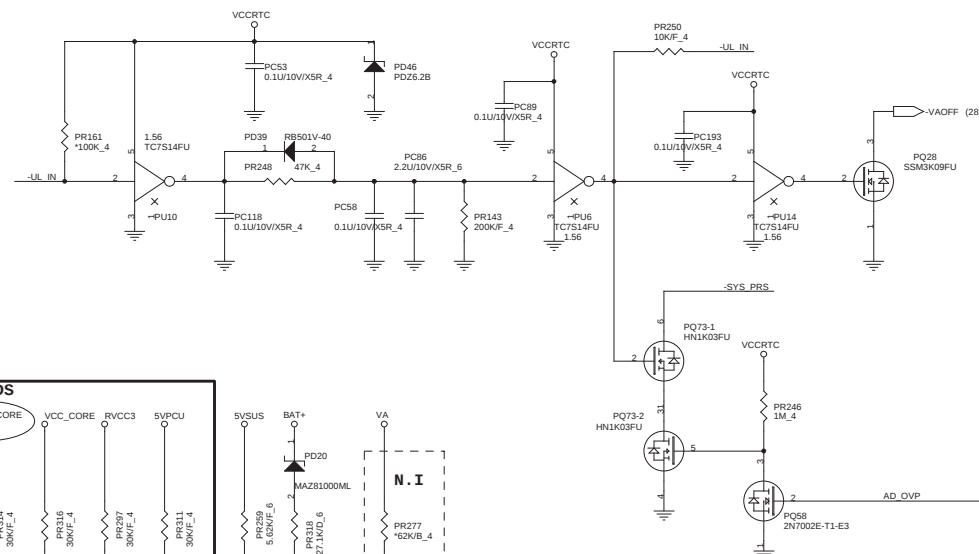
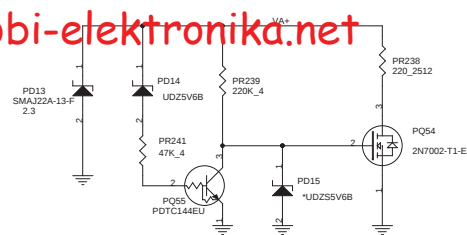
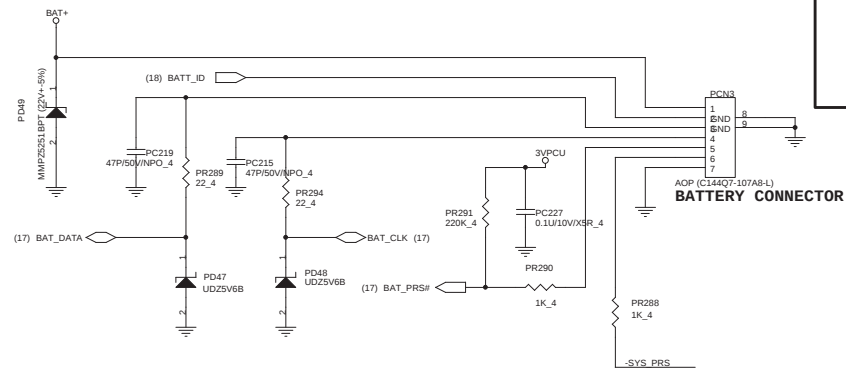
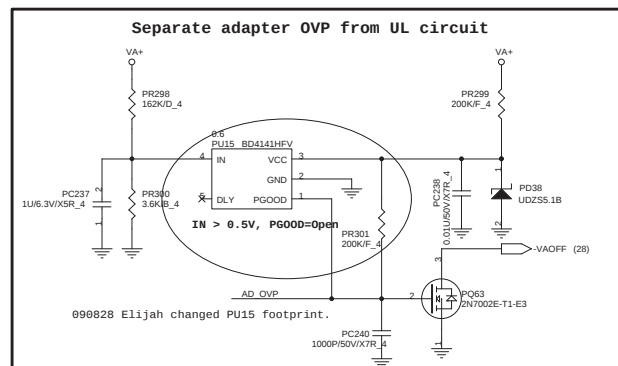
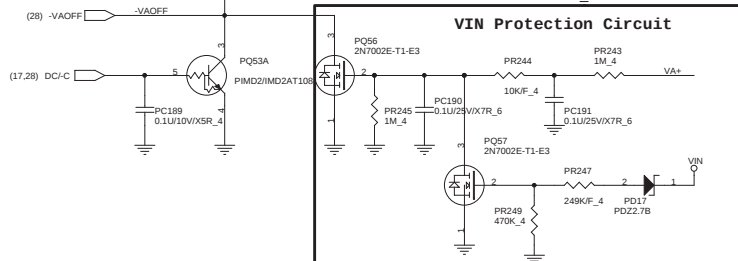
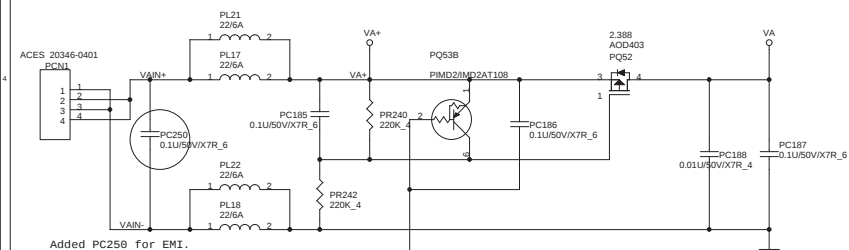
1.Level 1 Environment-related Substances Should NEVER be Used.
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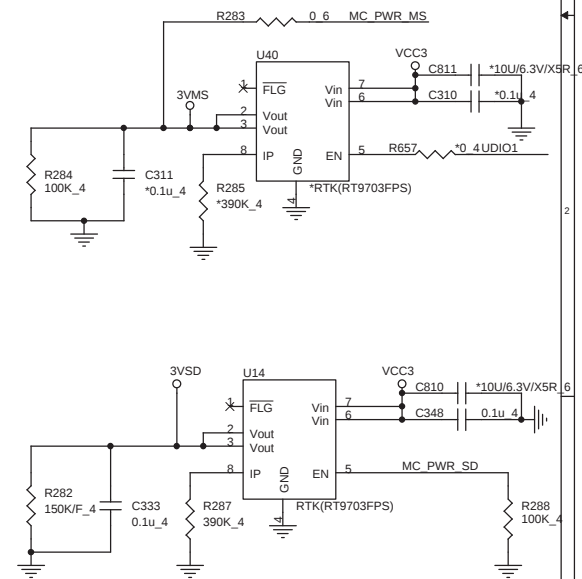
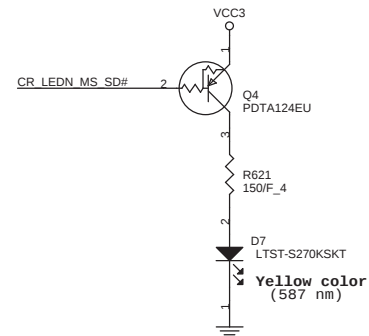
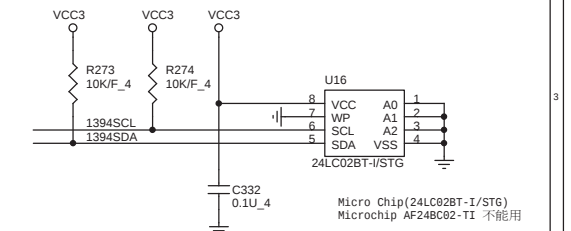
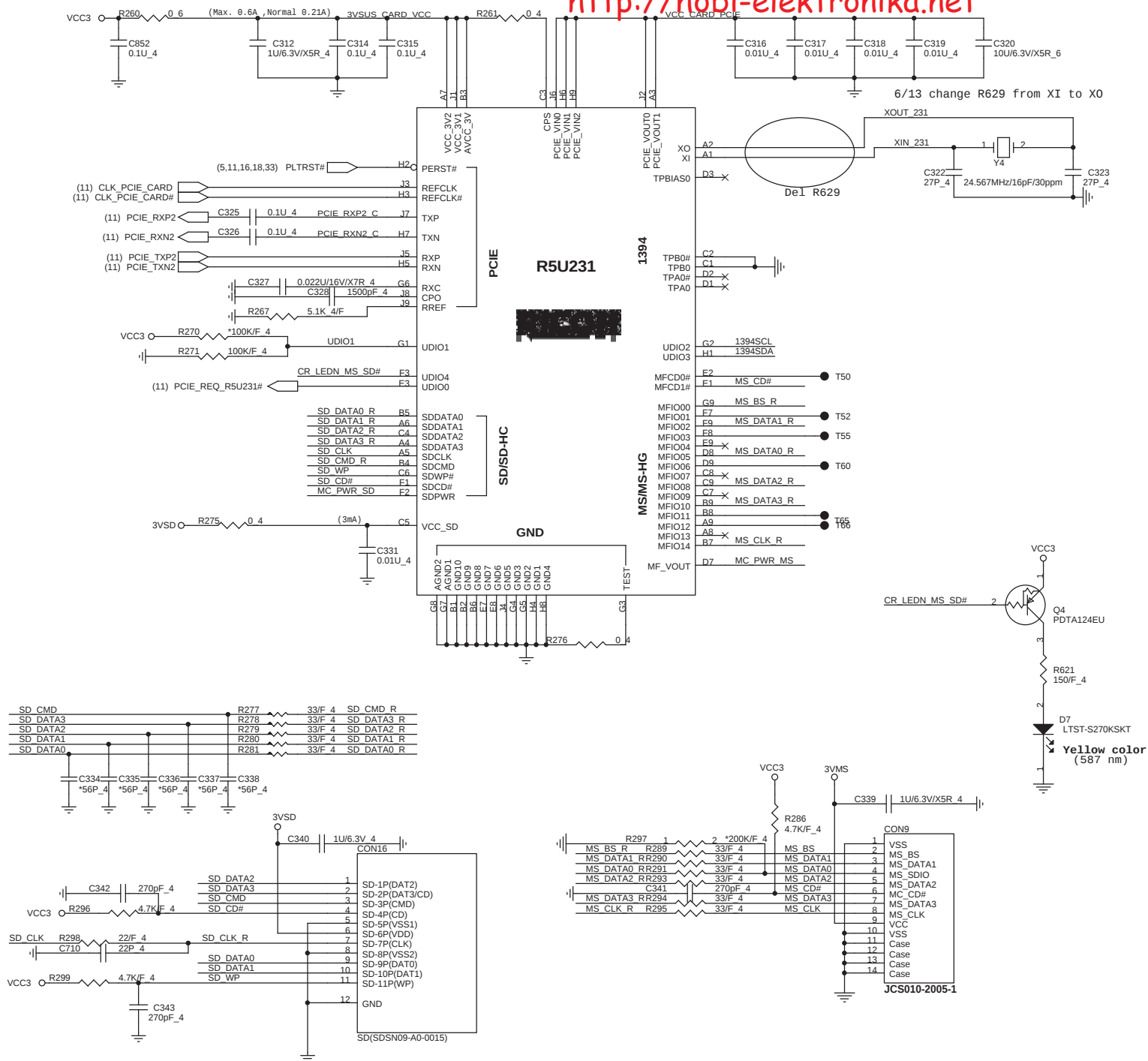
Ada in/BAT in/UL

<http://hobi-elektronika.net>


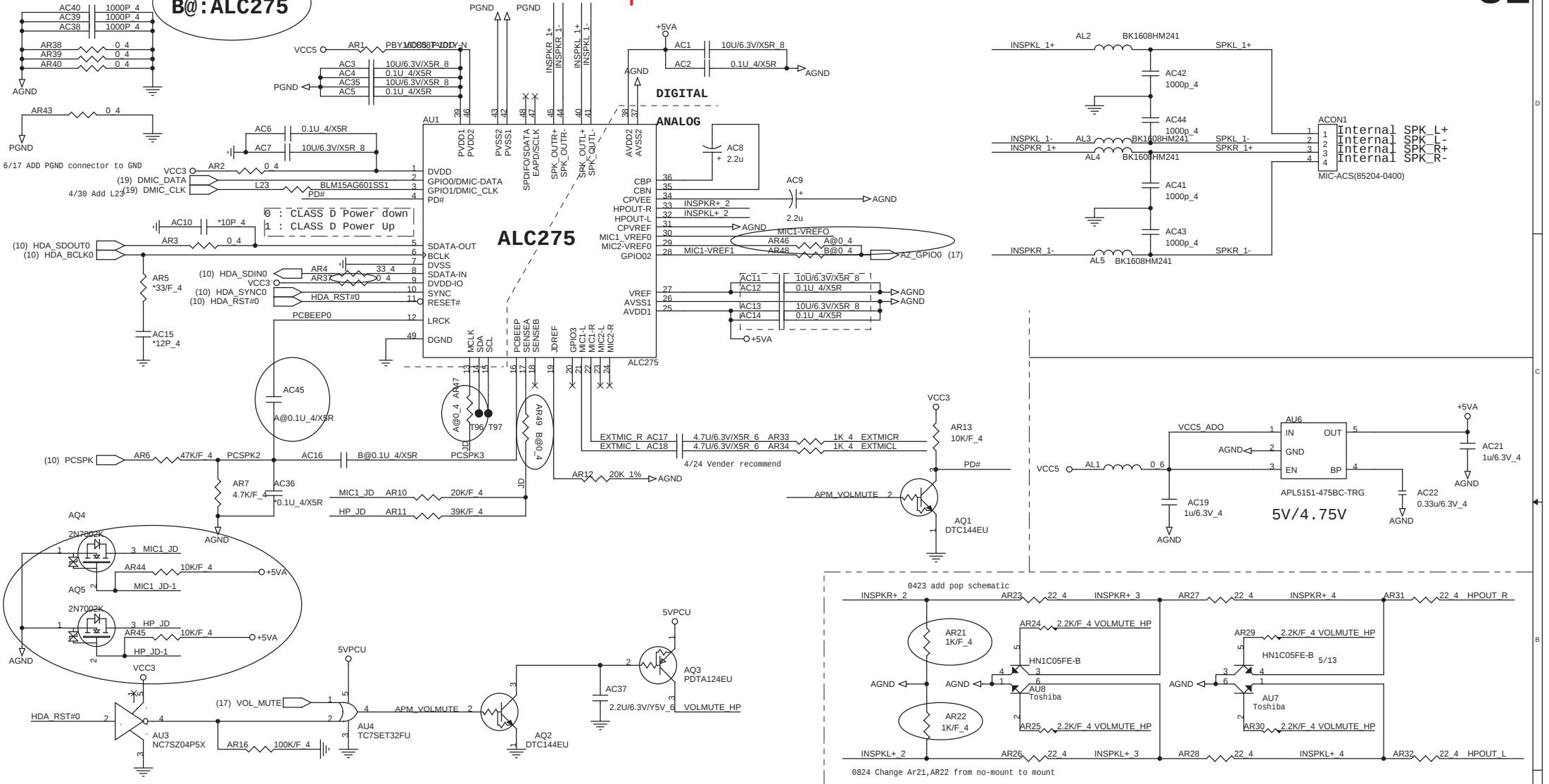
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Title		
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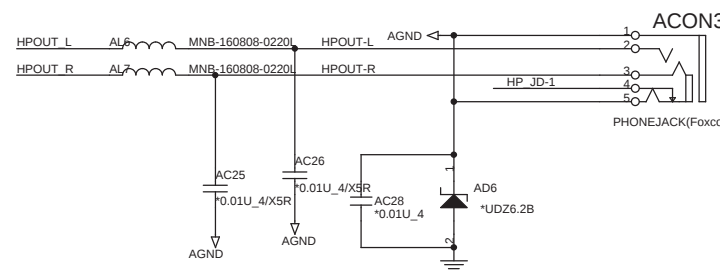
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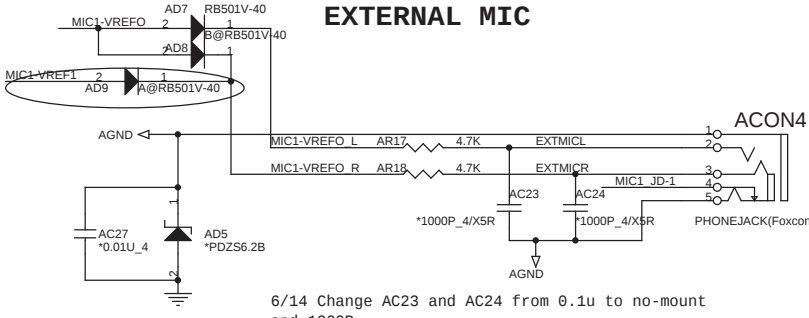
A@:ALC269
B@:ALC275



EXTERNAL PHONE



EXTERNAL MIC



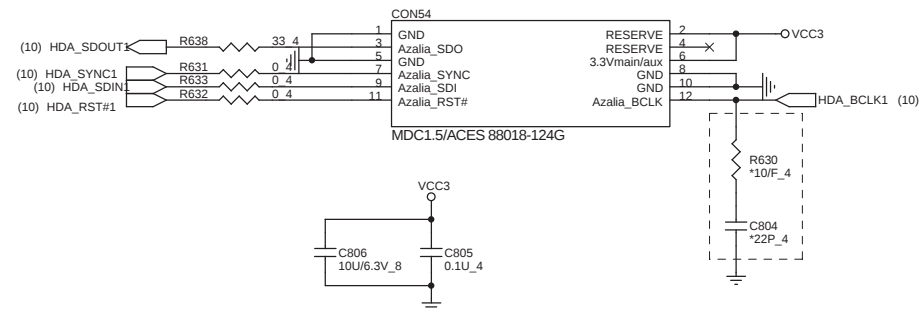
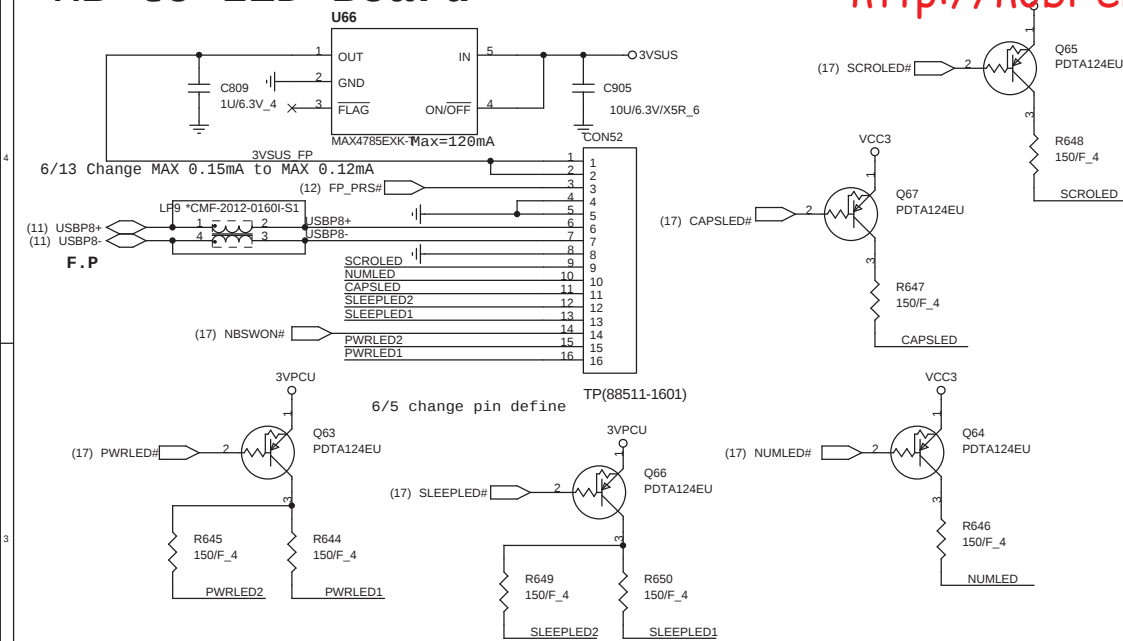
Title			ALC275		
Size			Document Number		
			TW6 Main Board		
Date			Monday, August 31, 2009		
			Sheet 31 of 33		
			Rev 2A		

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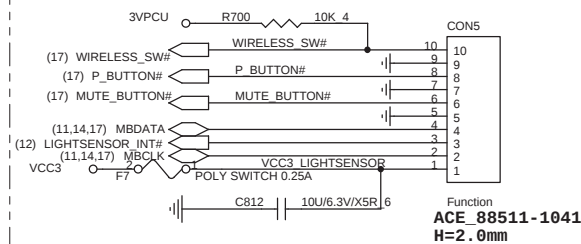
MB to LED Board

<http://hobi-elektronika.net>
MDC V1.5

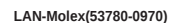
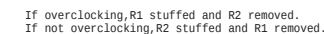
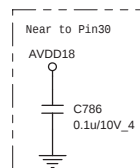
32



M/B to Button Board(FFC)



Title					LED/Button_B FFC/FeliCa					
Size		Document Number				Rev				
		TW6 Main Board				1				
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Rev	2A
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