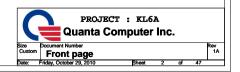
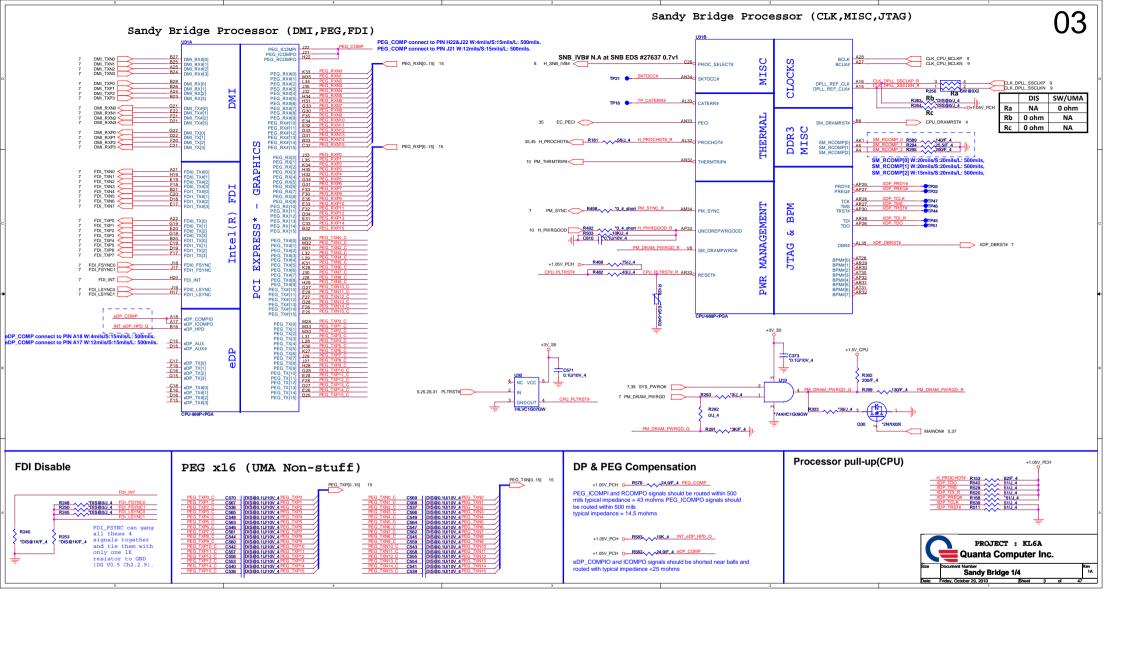
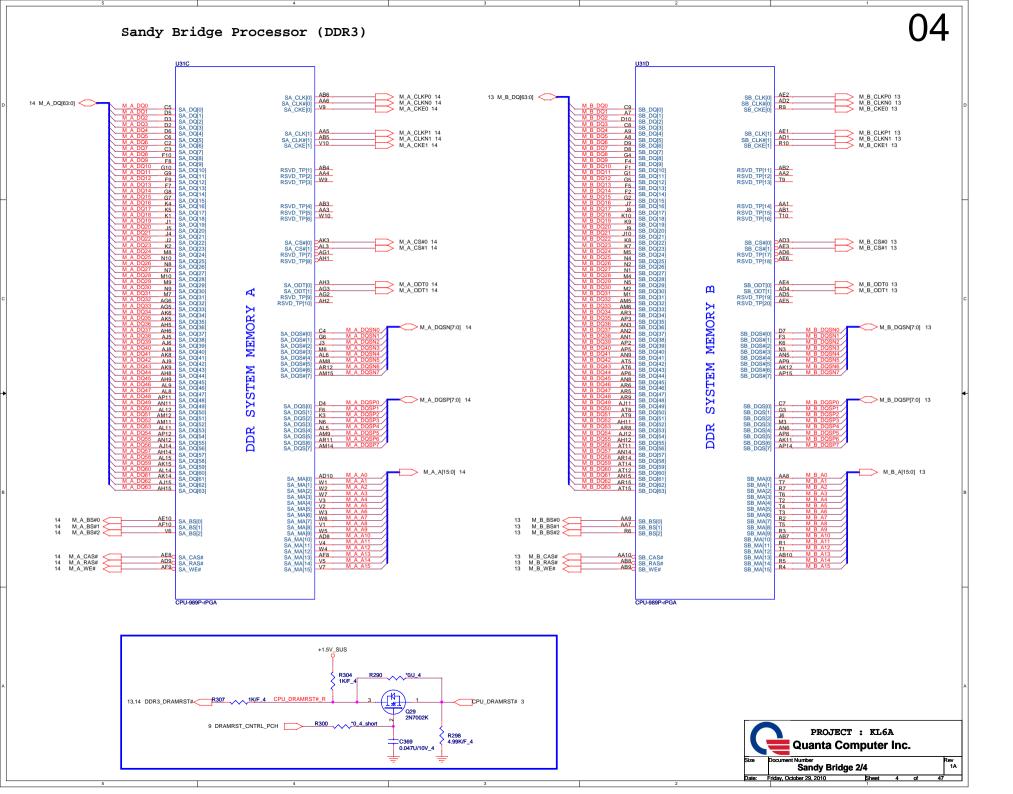


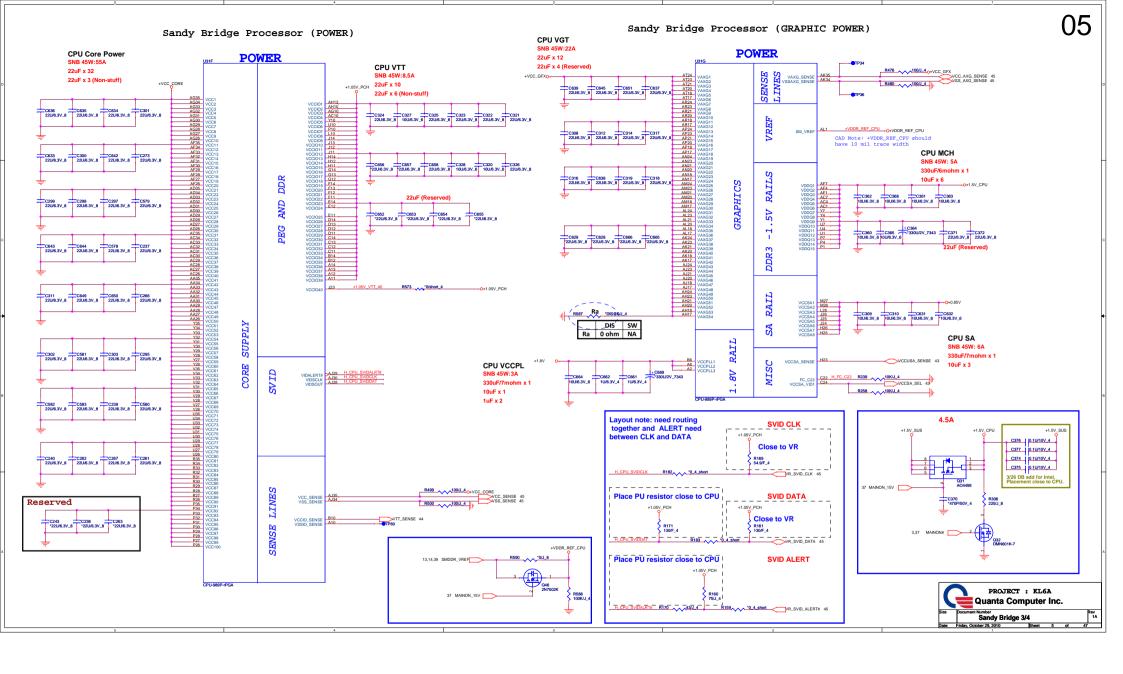
	Table of Contents						
PAGE	DESCRIPTION						
1	Schematic Block Diagram						
2	Front Page						
3	CLOCK GENERATOR						
4-7	PineView CPU						
8-13	TigerPoint						
14	DDRII SO-DIMM						
15	LCD Conn						
16	CRT Conn.						
17	Audio Codec CX20582						
18	LAN(RTL8103EL/8111DL)						
19	SATA HDD						
20	USB x 3						
21	CardReader AU6433						
22	MINI-Card (WLAN)						
23	MINI-Card (WWAN)						
24	BLUETOOTH						
25	KB/TP						
26	SW/LED/Other						
27	FAN & Thermal						
28	KBC IT8502E						
29	HOLD & SKEW						
30	Discharge						
31	Charger						
32	DDR 1.8V (TPS51116)						
33	VCCP (OZ8116LN)						
34	3V/5V (ISL6237)						
35	VCore (ISL6261A)						
36	VCC1.5V/ GFX CORE						
37	Power Block Dianram						
38							
39							
40							

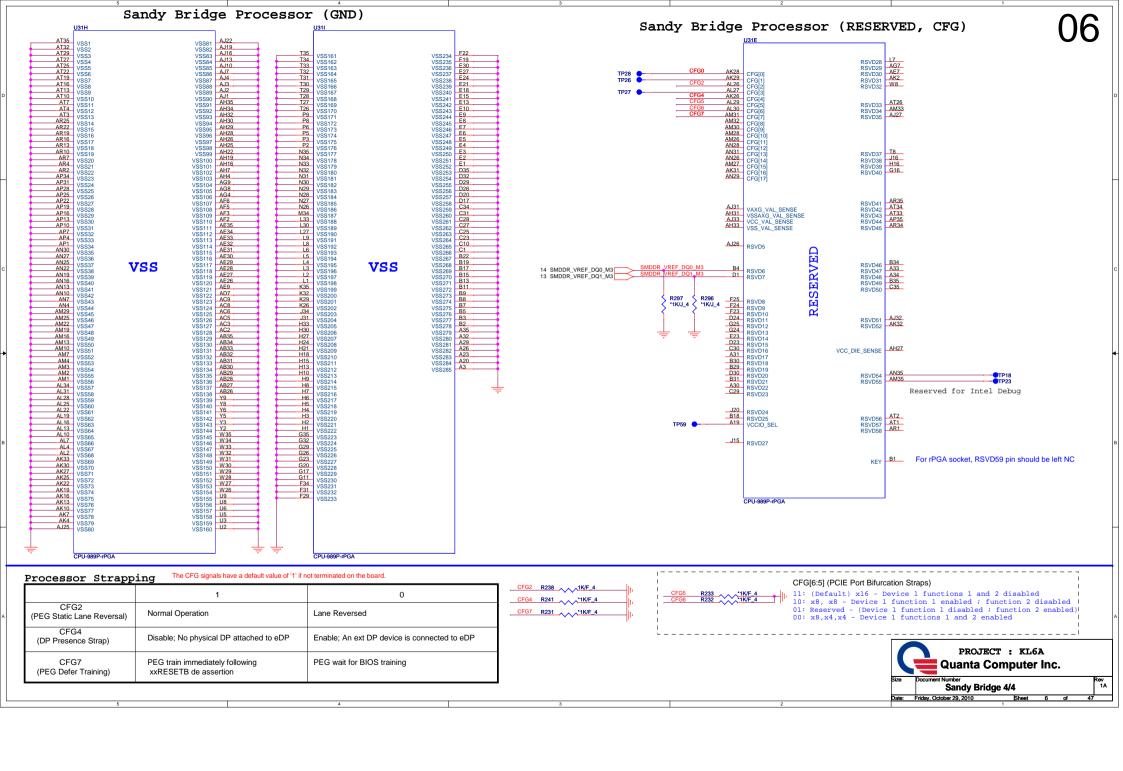
Power States								
POWER PLANE	VOLTAGE	PAGE	DESCRIPTION	CONTROL SIGNAL	ACTIVE IN			
VIN	10V~+20V	15,30,31,32,33,34,35	MAIN POWER		S0~S5			
+3VRTC	+3.0V~+3.3V	11,12,38	RTC		S0~S5			
3VPCU	+3.3V	11,15,18,25,26,28,30,31,34,36	ITE8052 POWER	3V5V_EN	S0~S5			
5VPCU	+5V	11,30,31,32,33,34,36	DC/DC POWER IC SOURCE	3V5V_EN	S0~S5			
+15V	+15V	15,30,32,34	LARGE POWER	3V5V_EN	S0~S5			
LANVCC	+3.3V	18,30	LAN POWER	LAN_ON				
5V_S5	+5V	12,20,30	PCH SUS POWER	S5_ON	S0~S3			
3V_S5	+3.3V	8,11,12,21,22,30	Sys Management,PCH Resume Well,Intel HD Audio,USB,WLAN WiMAX POWER	S5_ON	S0~S3			
5VSUS	+5V	15,30,35,36	SLP_S4# CTRLD POWER	SUSON	S0~S3			
3VSUS	+3.3V	26,30,35,36	SLP_S4# CTRLD POWER	SUSON	S0~S3			
+VCC_GFX_CORE	+0.9V~+1.2V	6,36	VGA CORE POWER	MAIN_ON	S0			
0.9VSMDDR_VTERM	+0.75V	5,14,32	DDR2 SODIMM REFERENCE POWER	MAIN_ON	S0			
+5V	+5V	12,15,16,17,19,25,27,28,30	SLP_S3# CTRLD POWER	MAIN_ON	S0			
+3V	+3.3V	3,4,6,9,10,11,12,14,15,16,17,18,19,21,22,23, 24,26,28,30,32,33,34,35	SLP_S3# CTRLD POWER	MAIN_ON	S0			
+1.8V	+1.8V	6,21,32	LVDS,NVM POWER	MAIN_ON	S0			
+1.5V	+1.5V	6,8,12,17,22,23,36	Mini PCle,Express Card POWER	MAIN_ON	S0			
+1.05V	+1.05V	3,4,6,9,12,30,33	PCH CORE POWER	MAIN_ON	S0			
VCC_CORE		6,30,35	CPU CORE POWER	VRON	S0			
+LCDVCC	+3.3V	15	LCD Power	L_VDD_EN	S0			
BAT-V	+10V~+17V	31	MAIN BATTERY	CHG_PBATT	S0~S5			

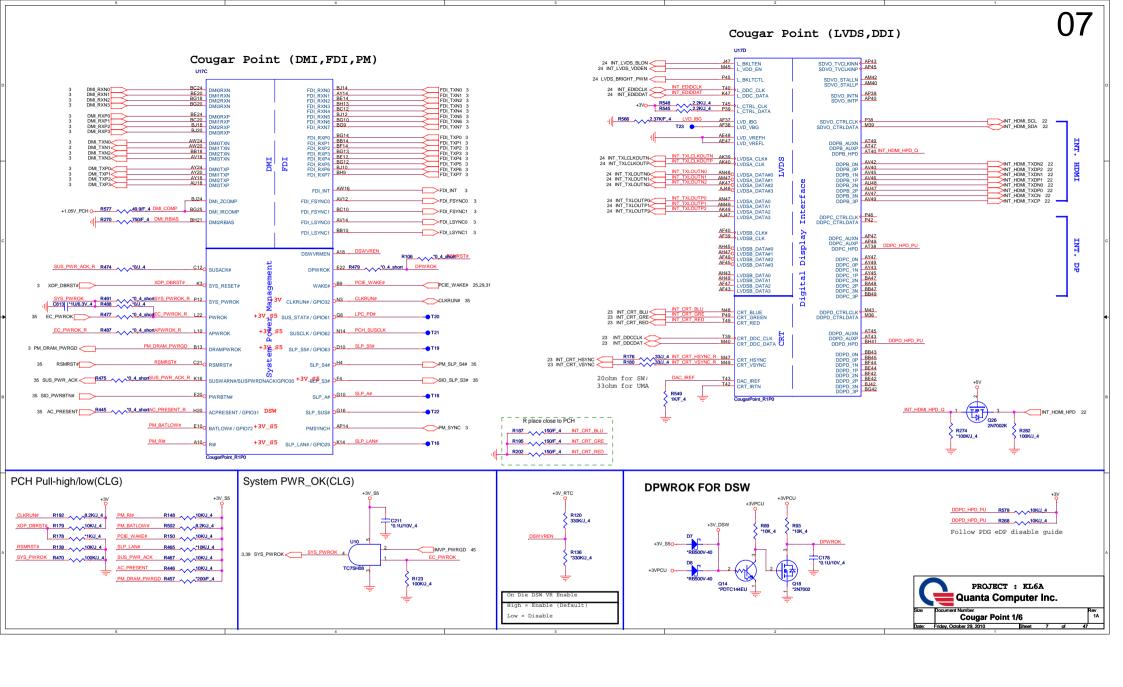


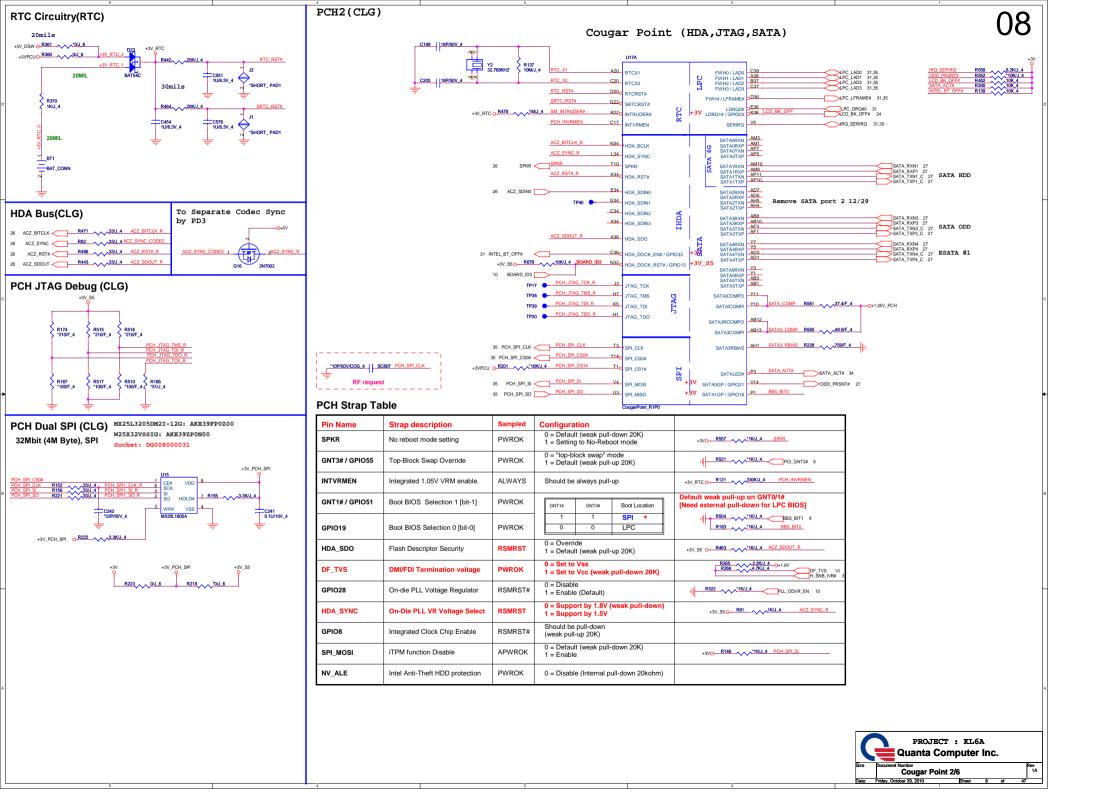


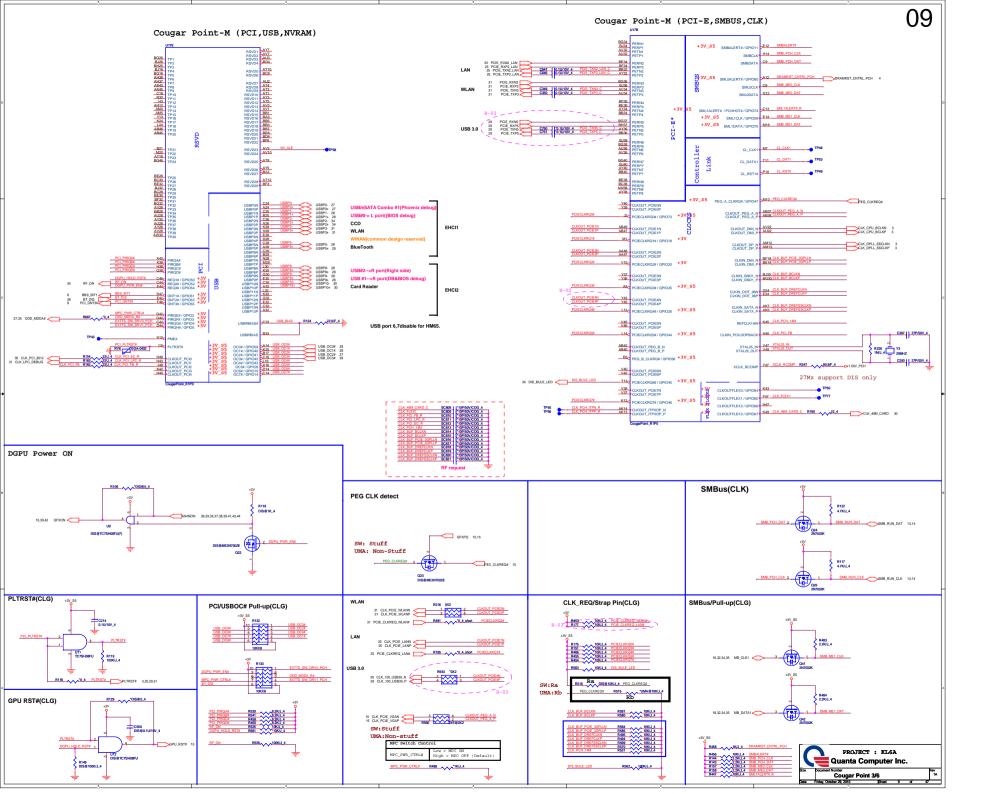


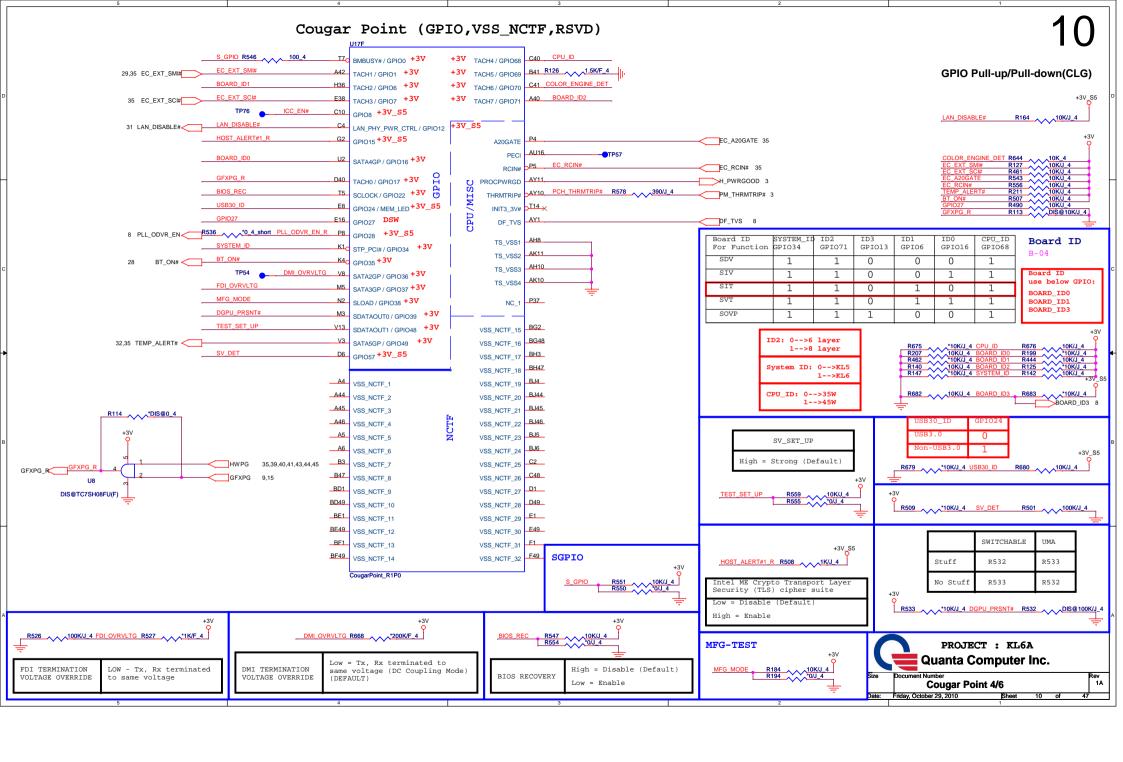


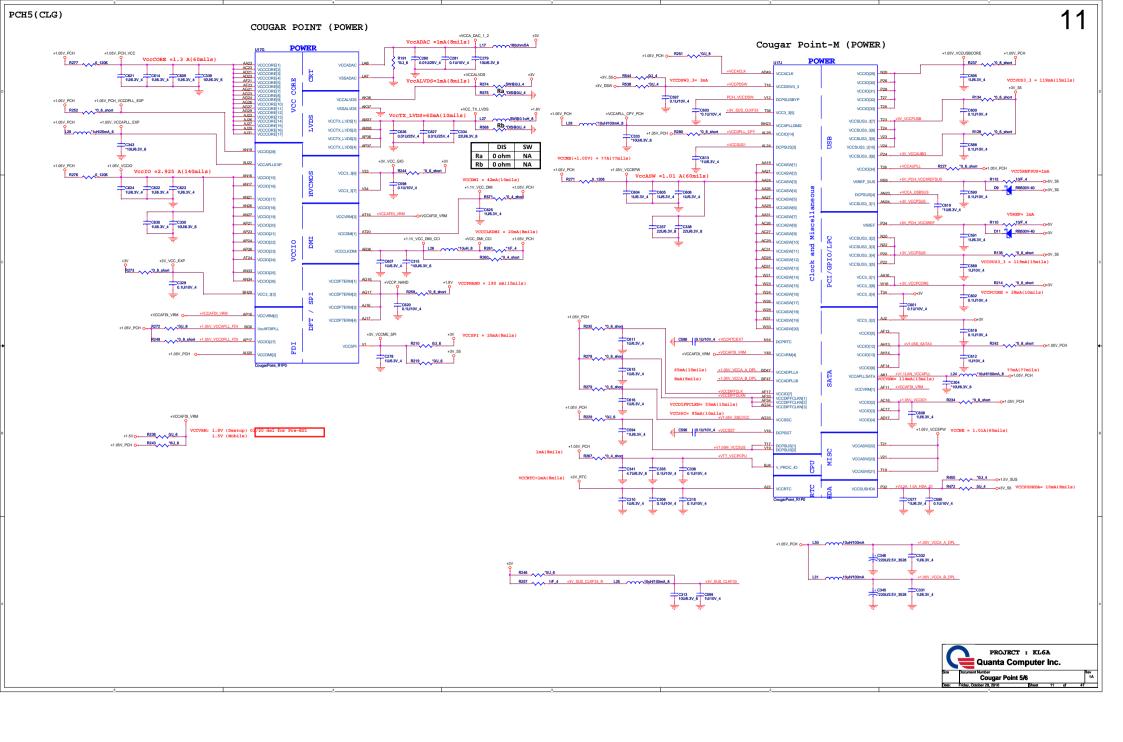


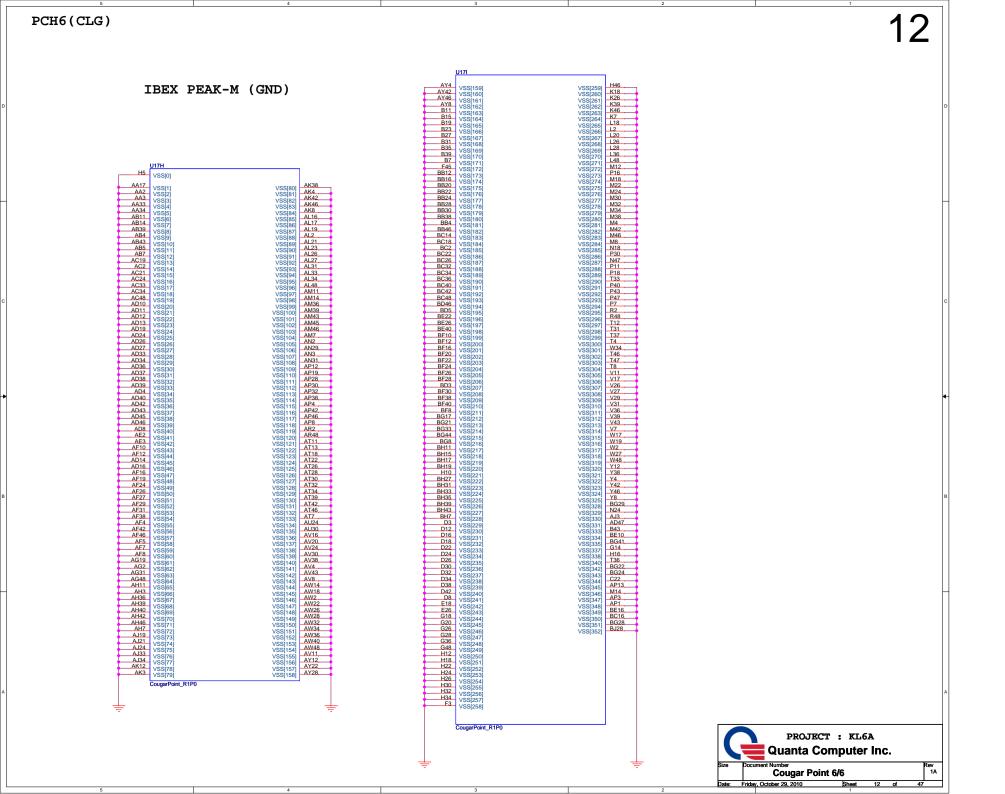


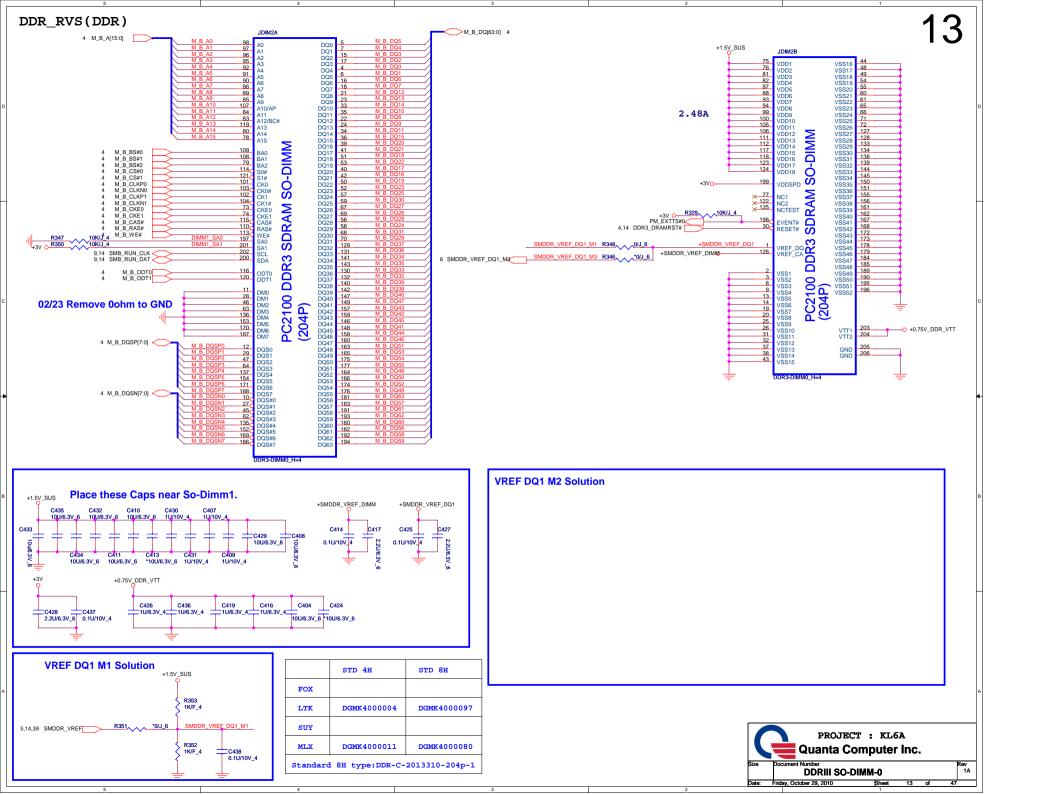


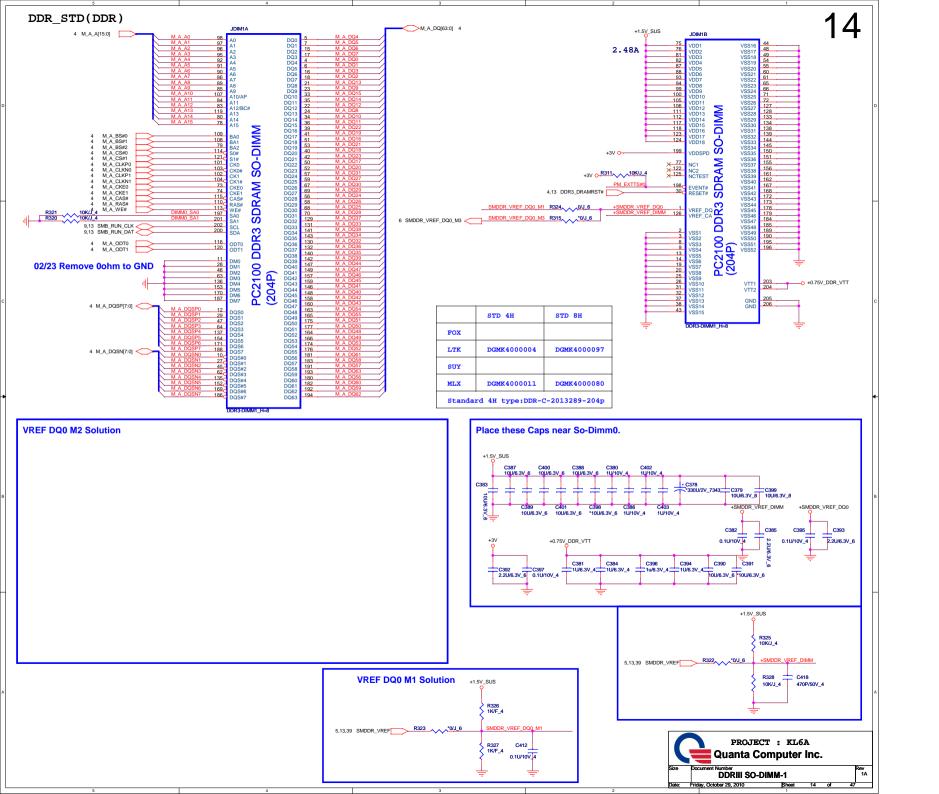


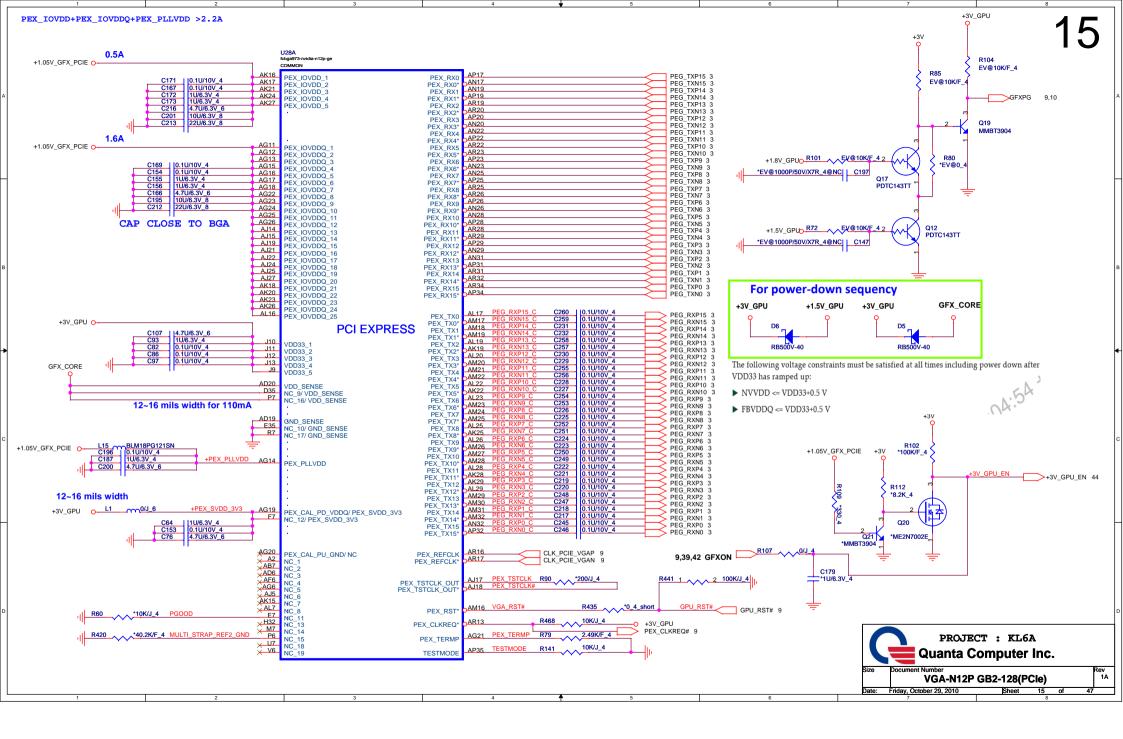


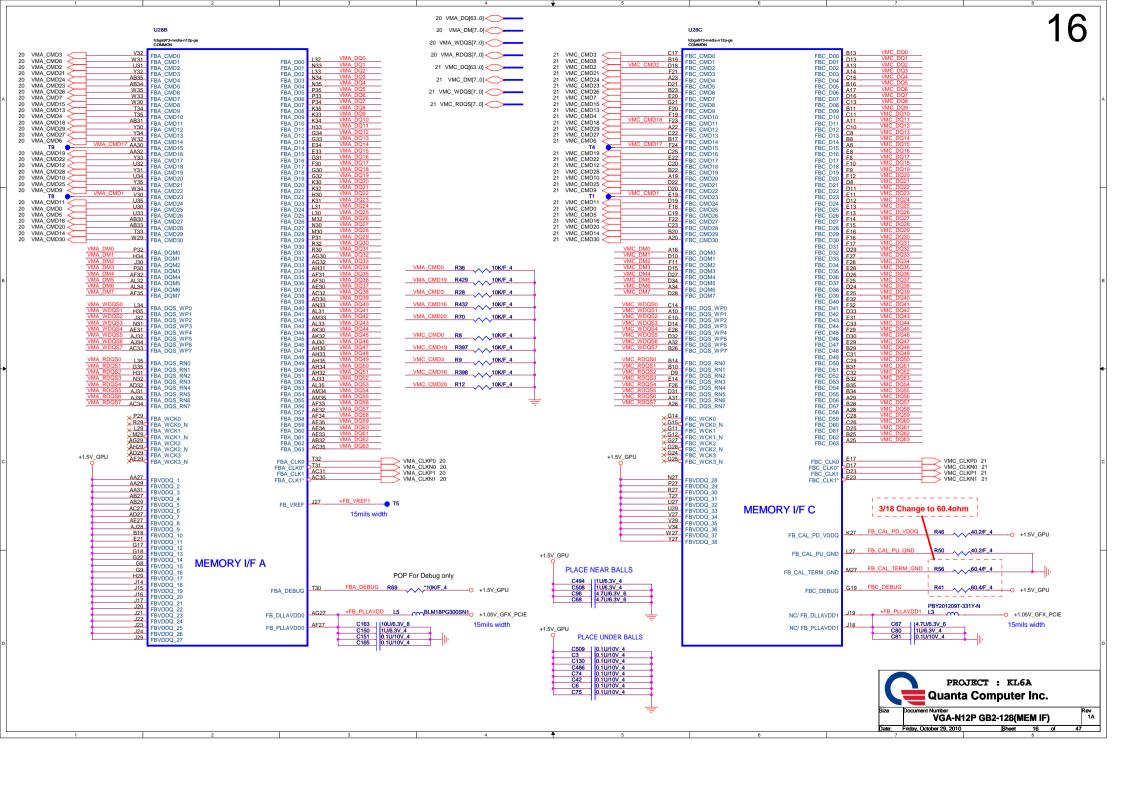


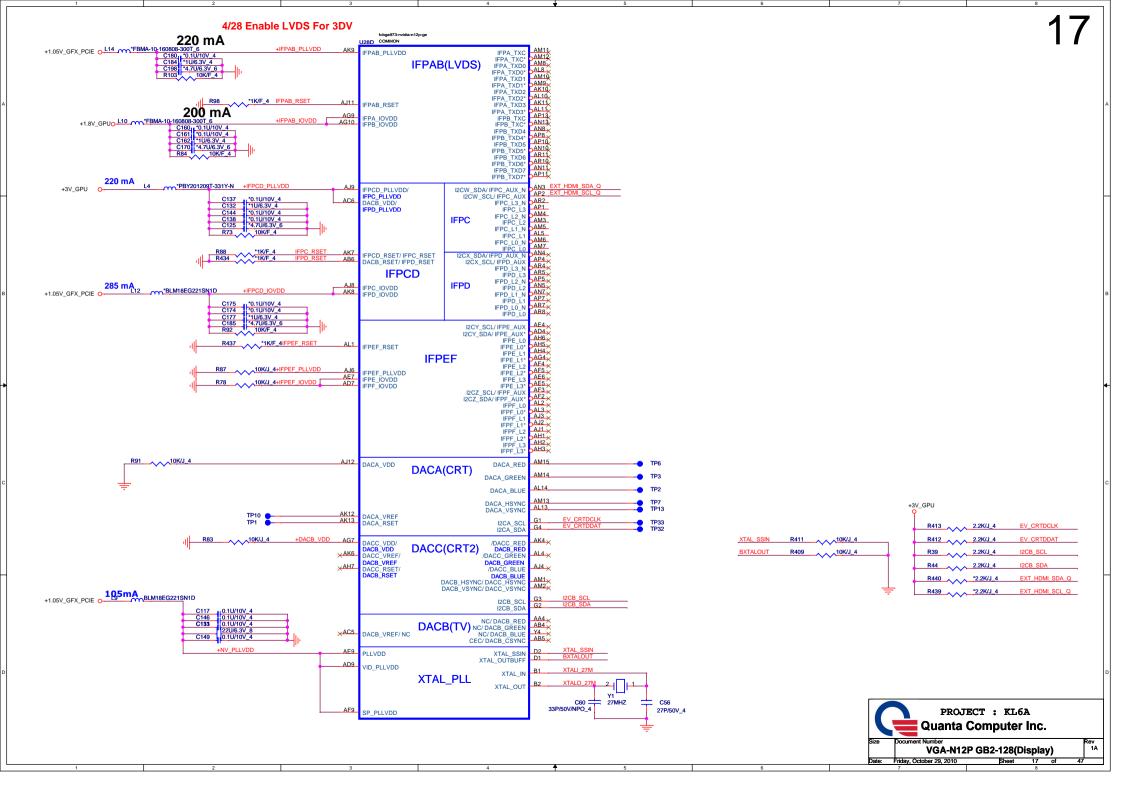


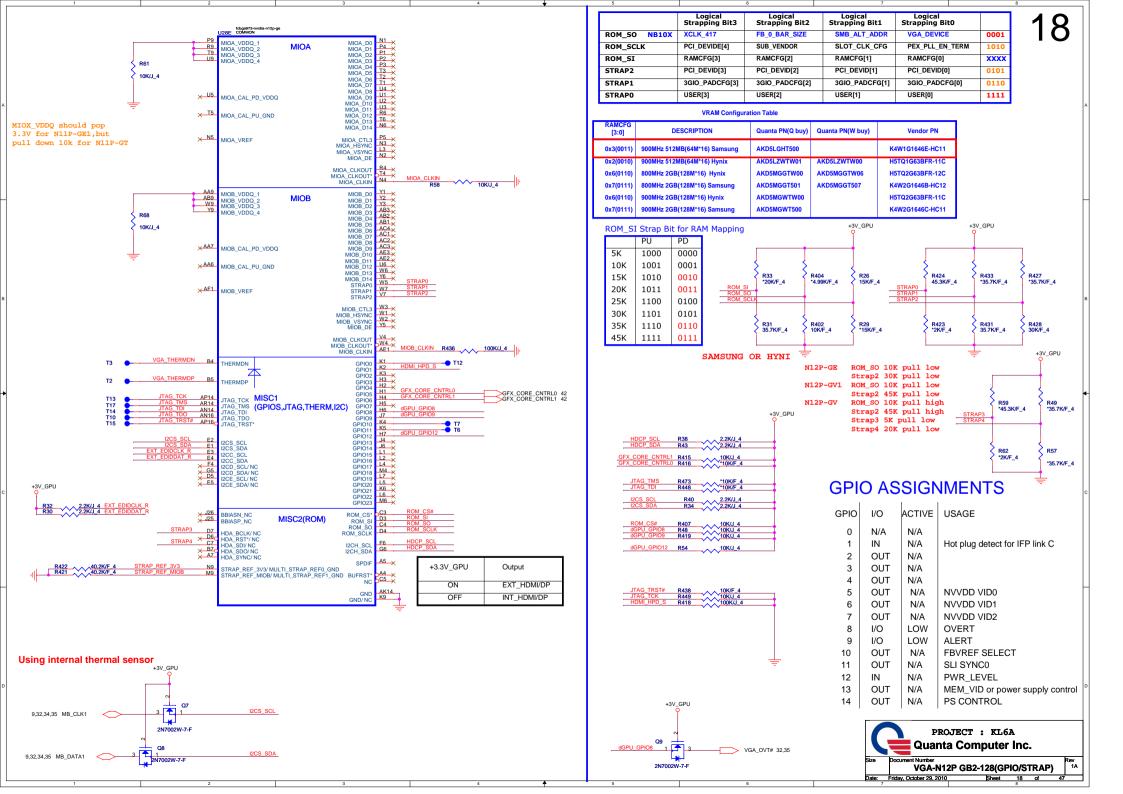




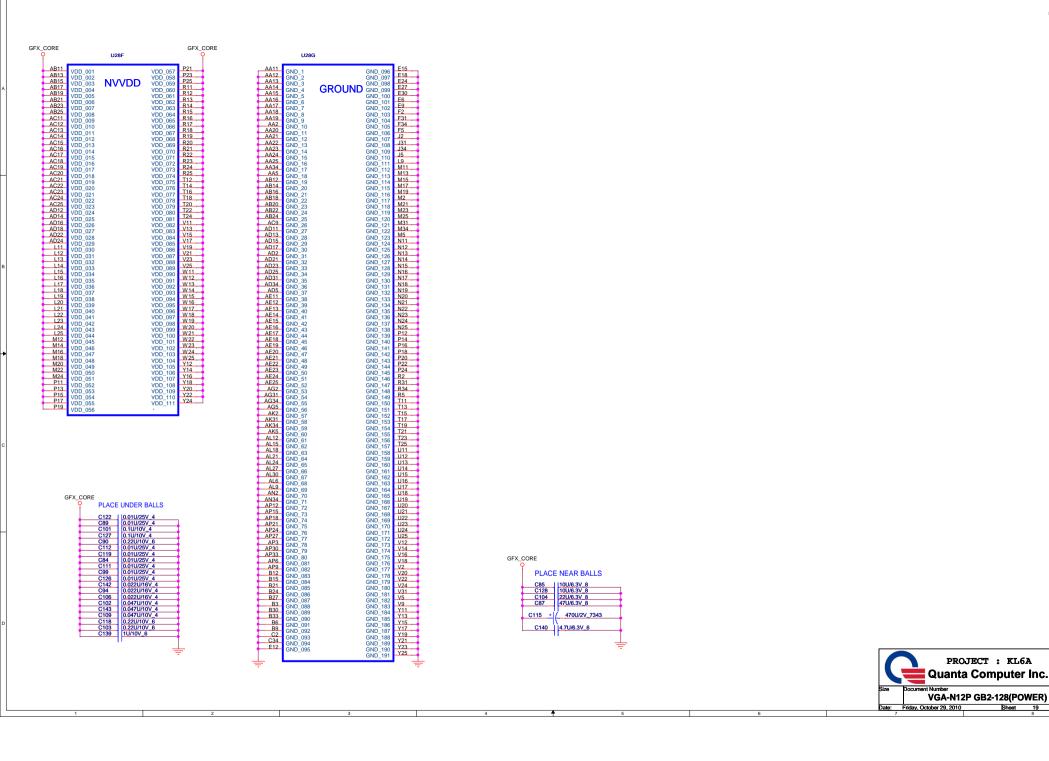


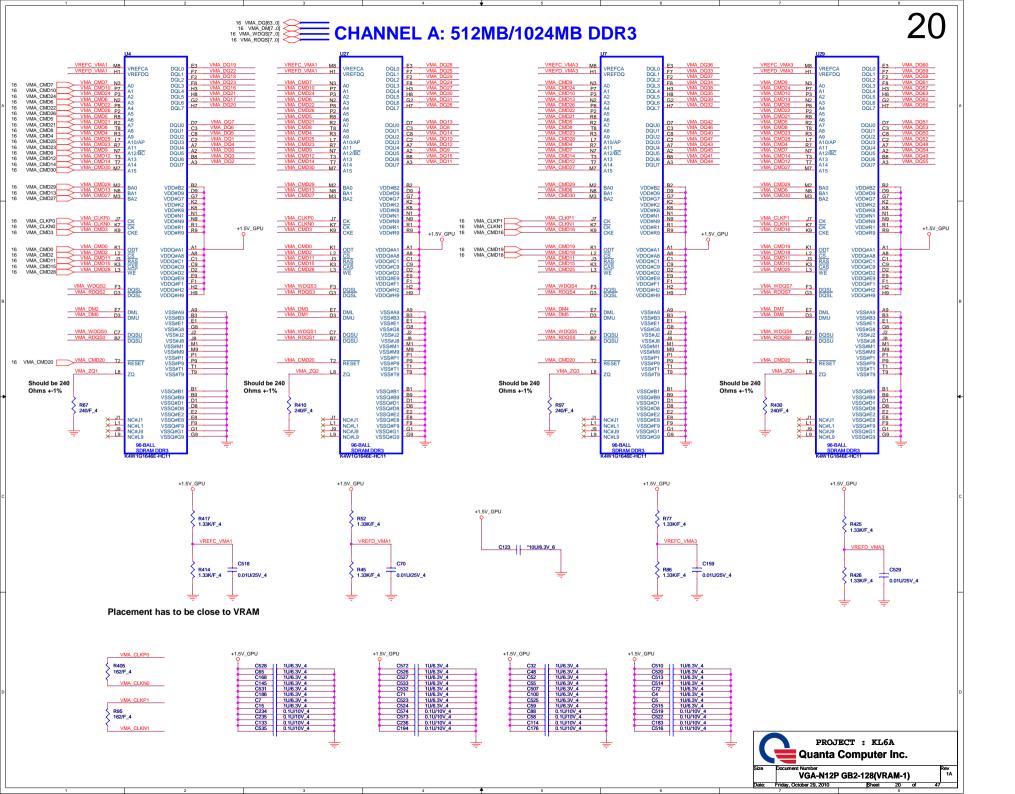


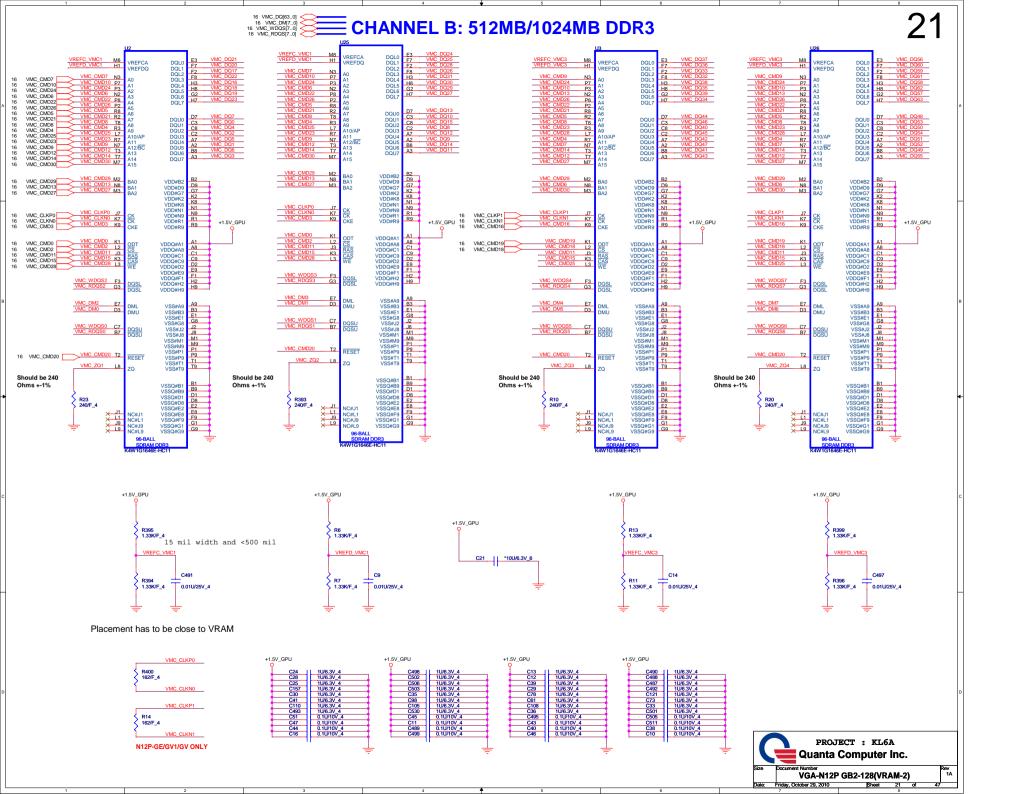


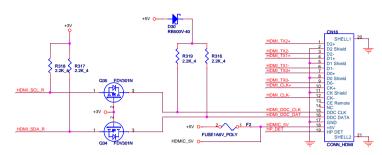


Rev 1A

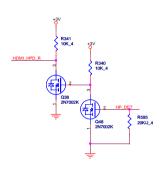




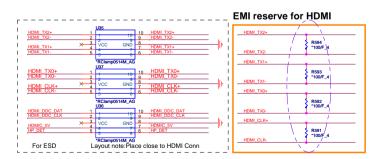




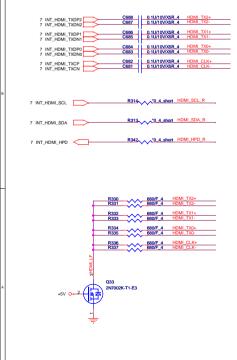
HDMI Hot-PLUG to EC and GPU

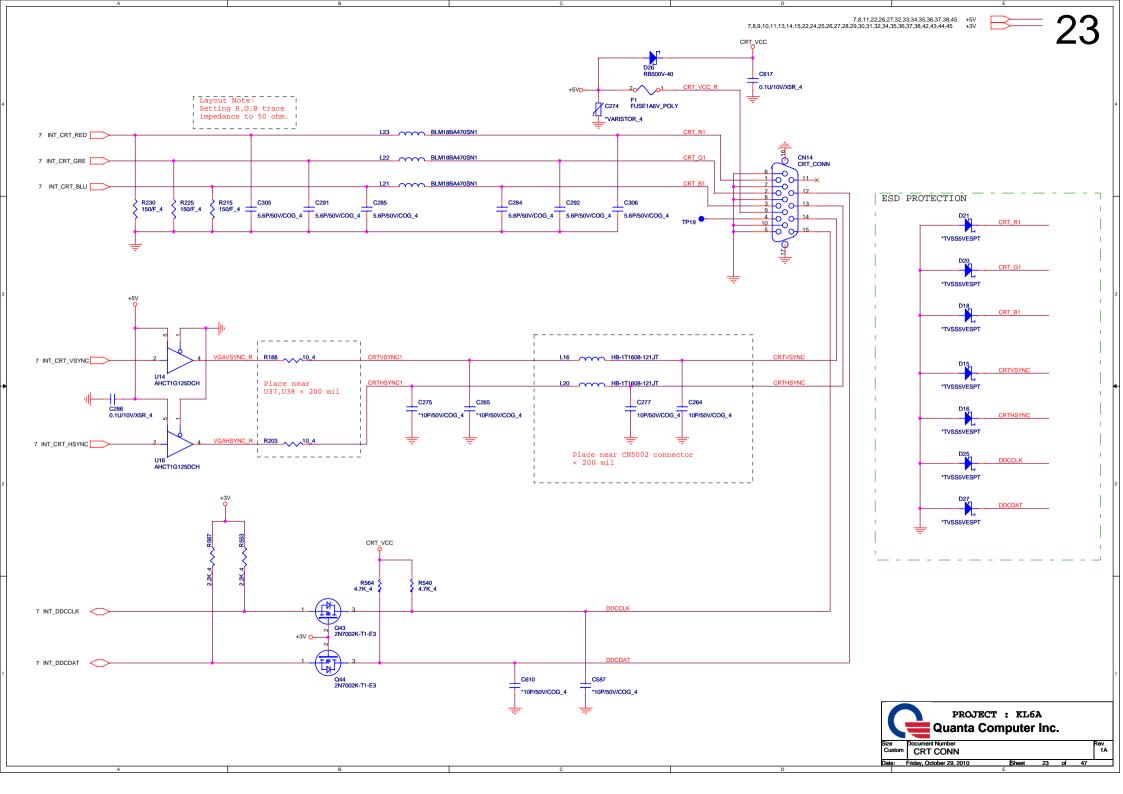


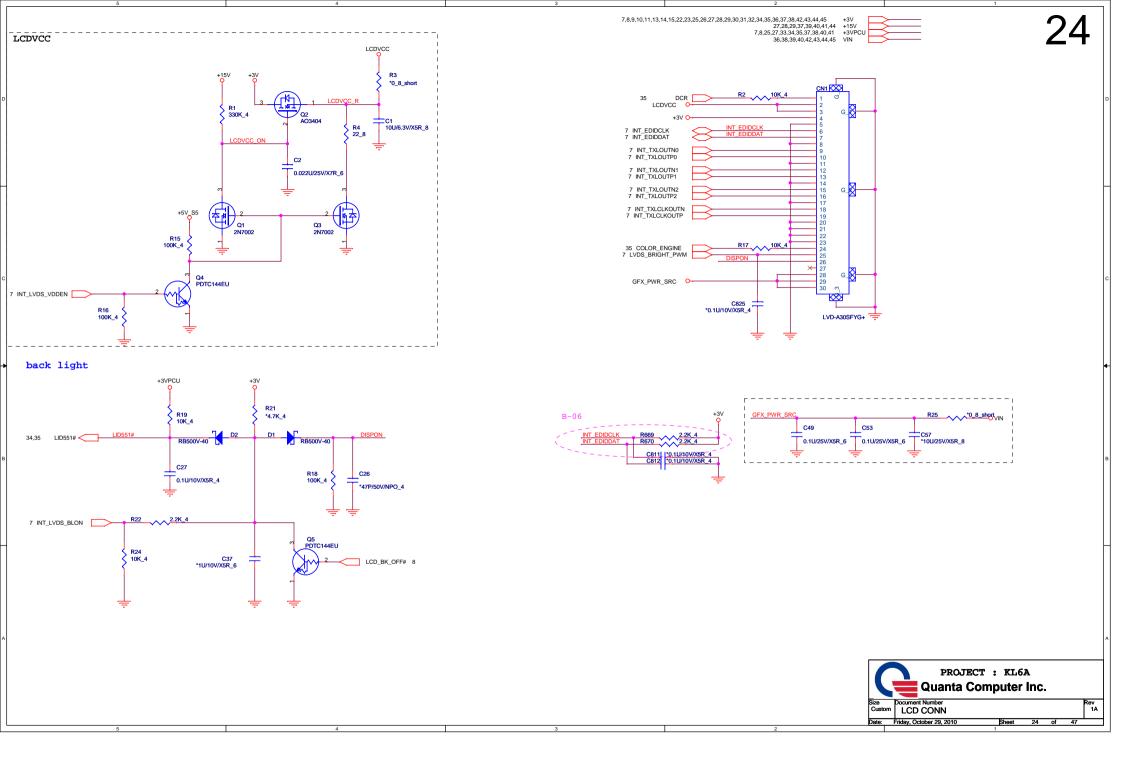
7,8,11,23,26,27,32,33,34,35,36,37,38,45 +5V 7,8,9,10,11,13,14,15,23,24,25,26,27,28,29,30,31,32,34,35,36,37,38,42,43,44,45 +3V

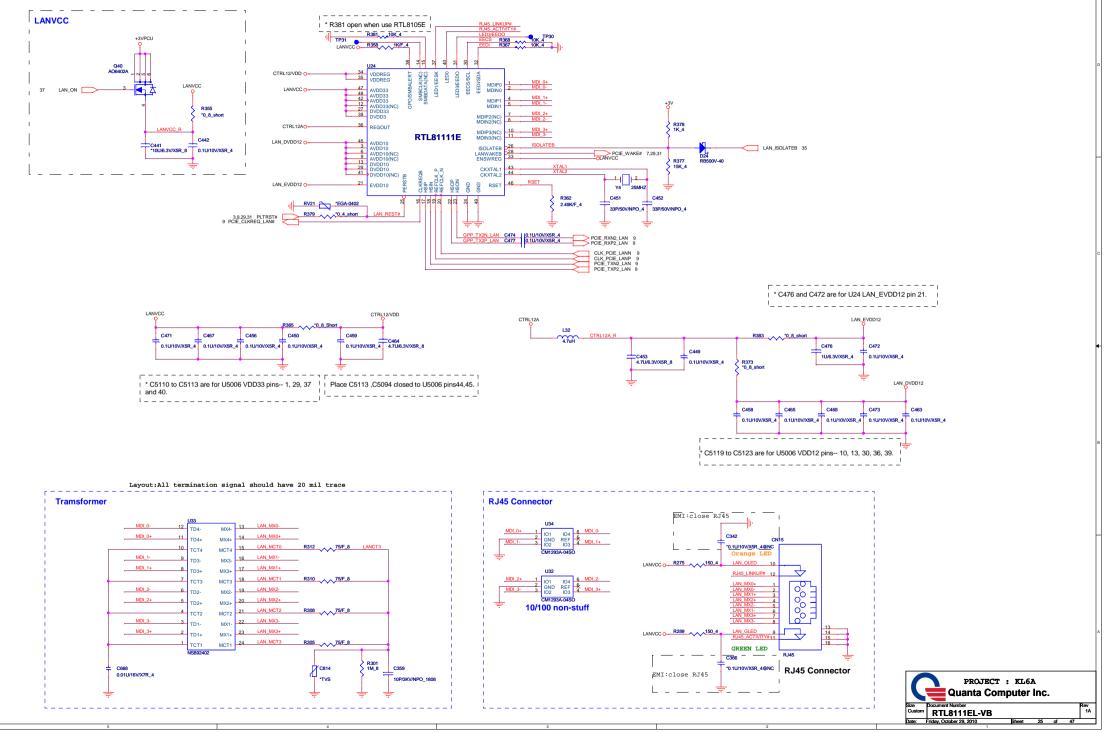


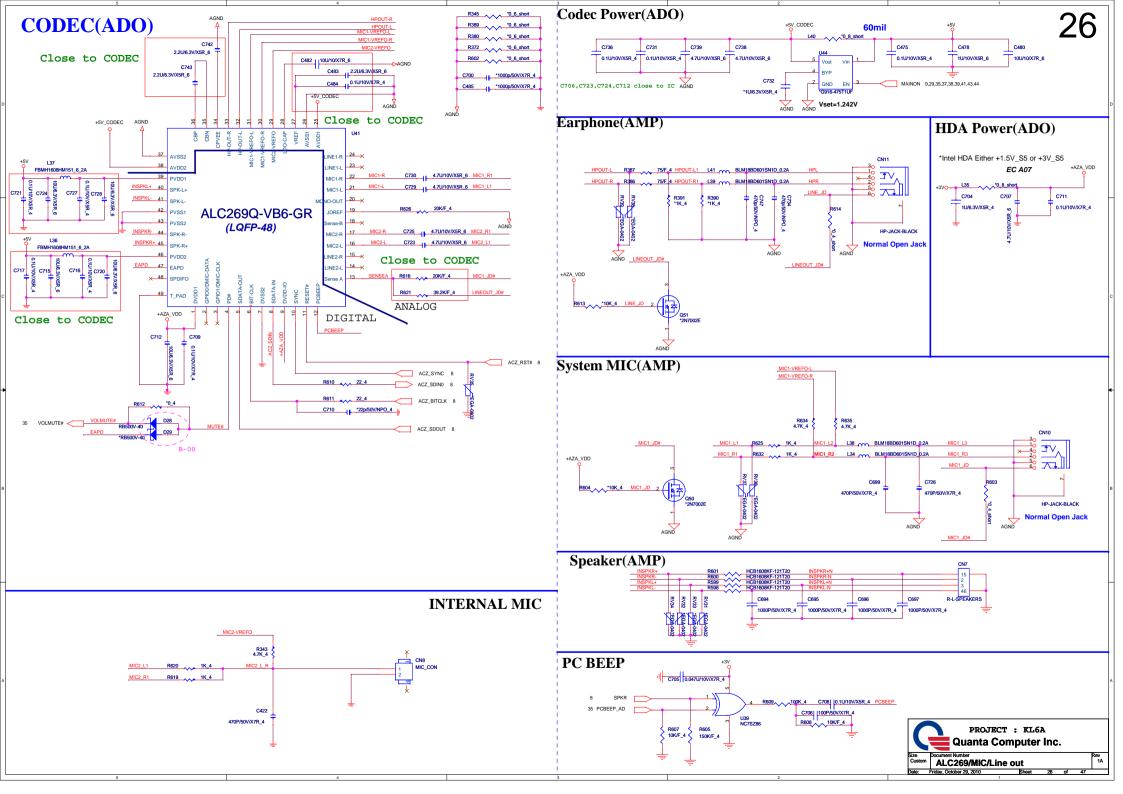


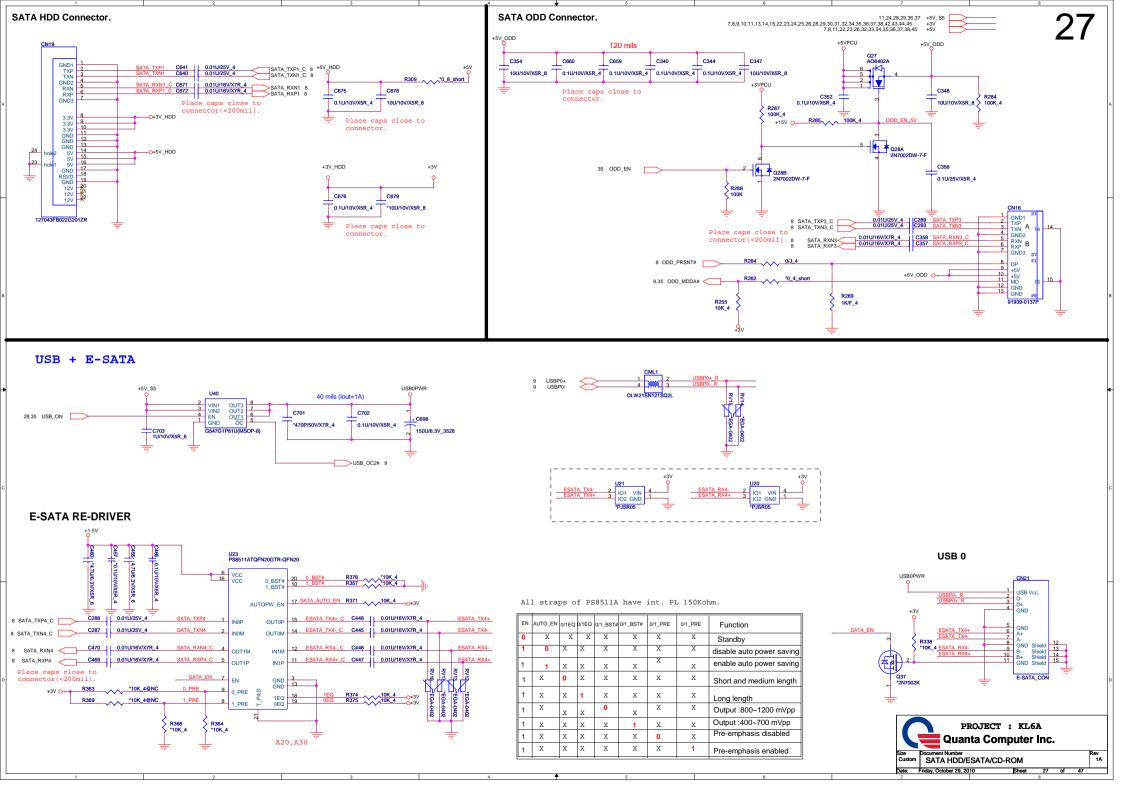




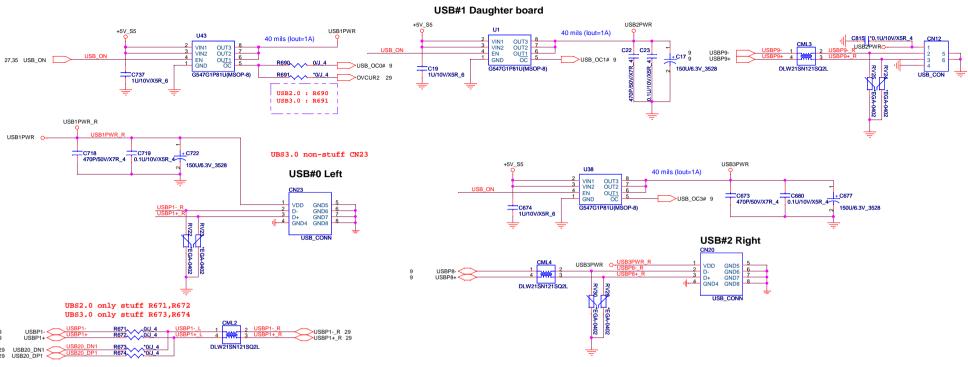




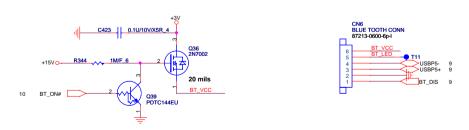




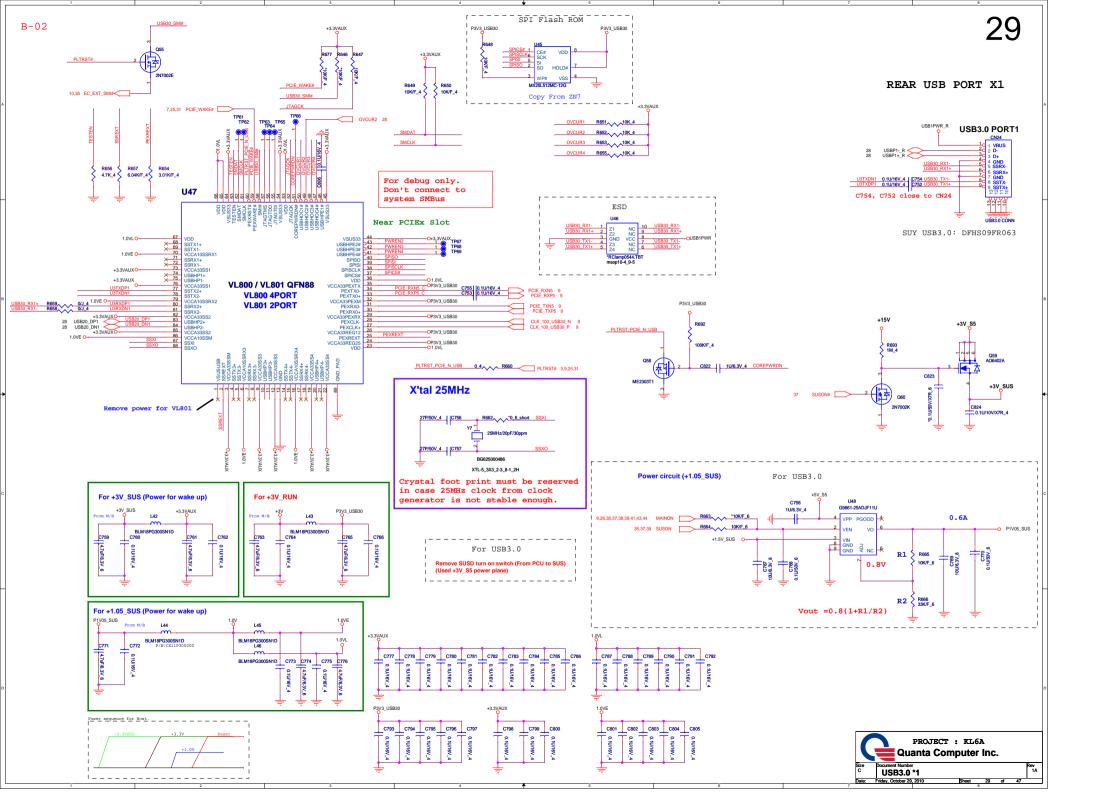
USB2.0*3

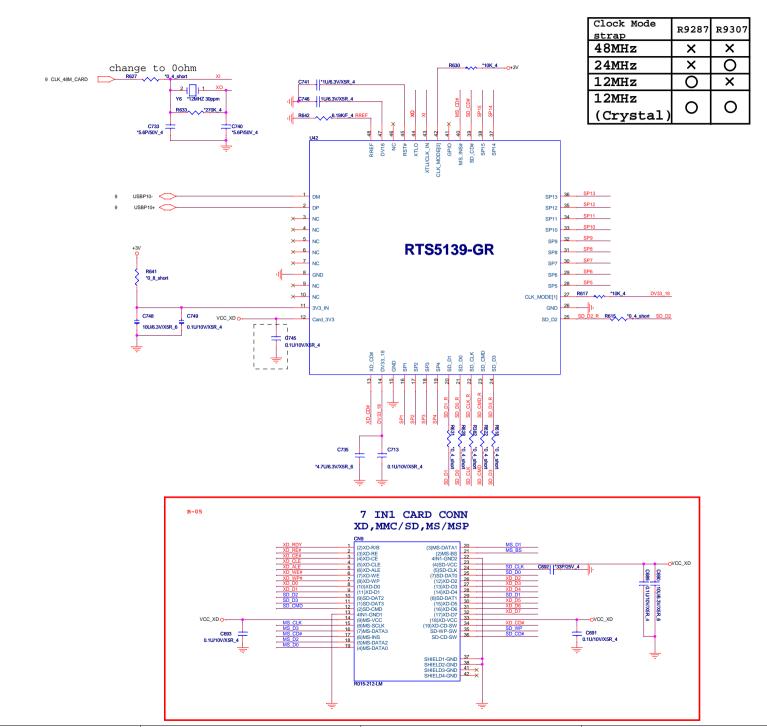


BLUETOOTH

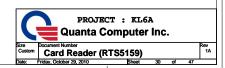


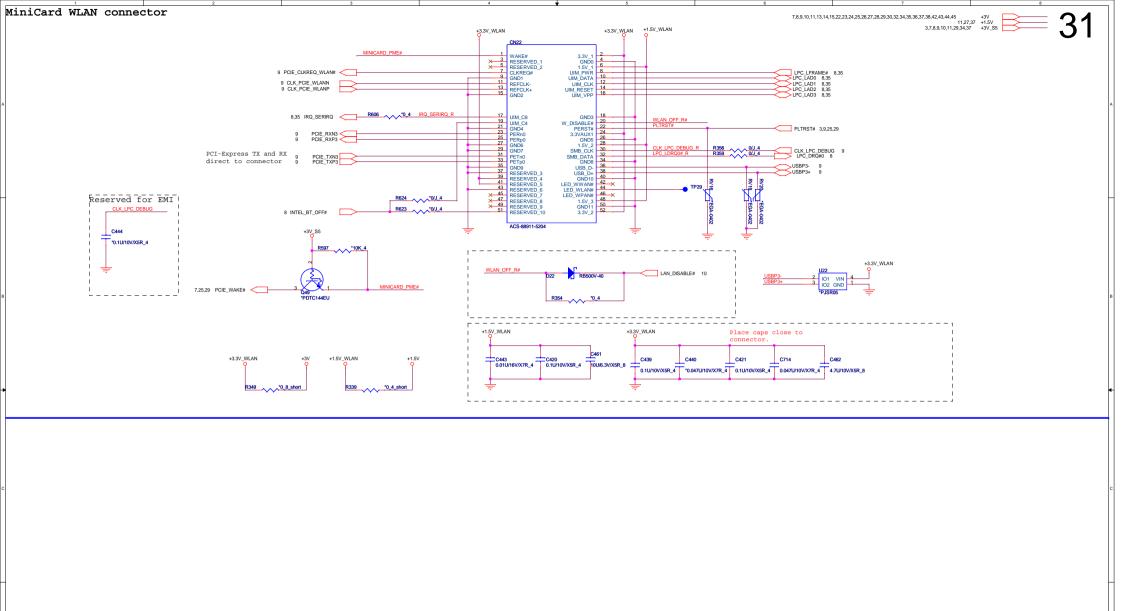


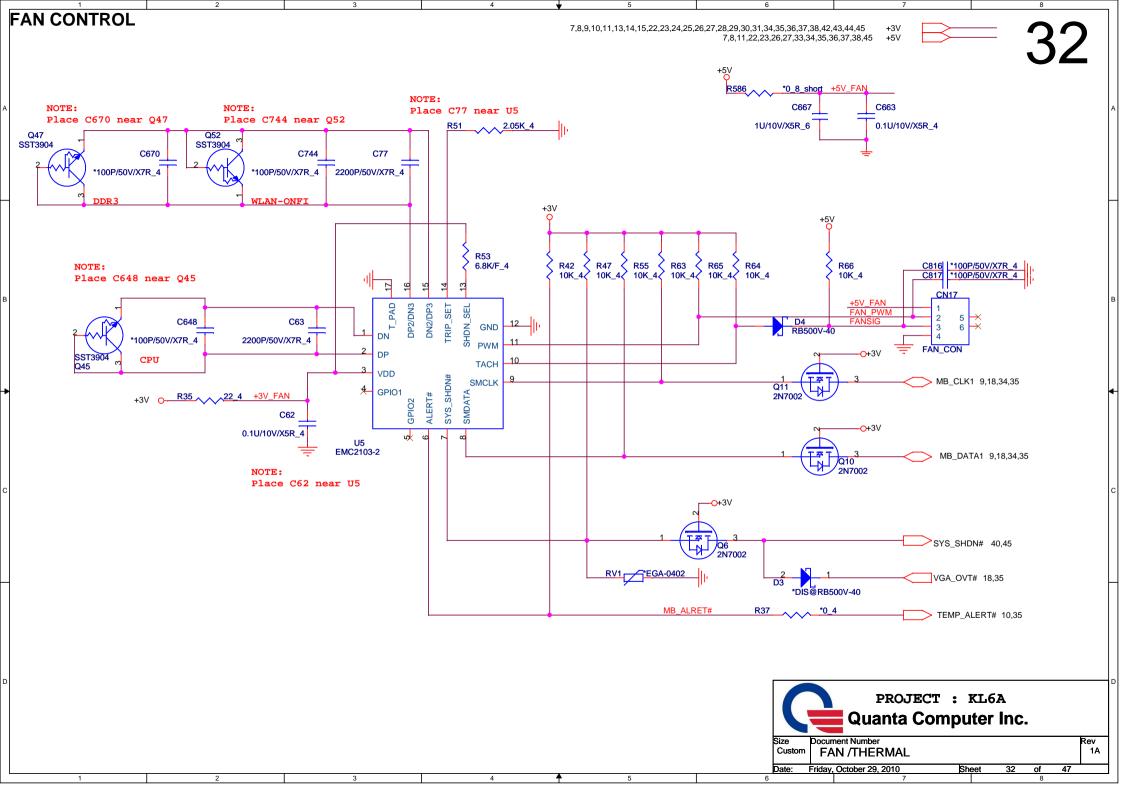


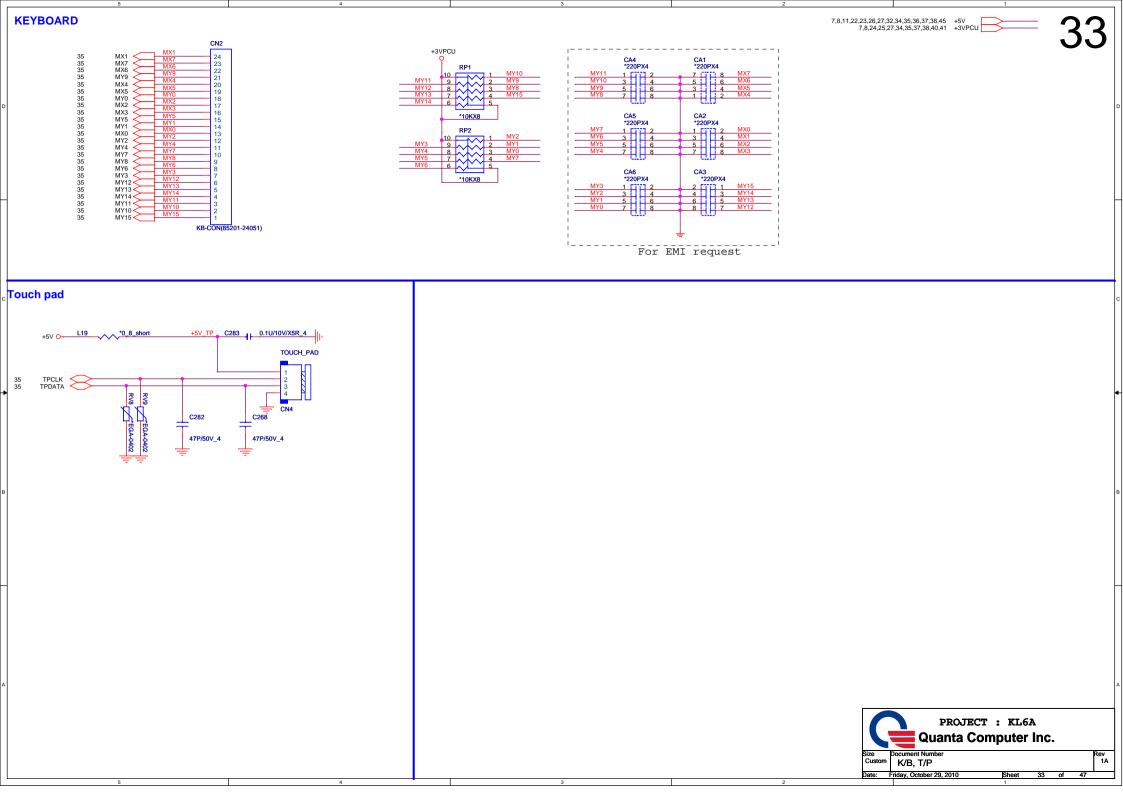


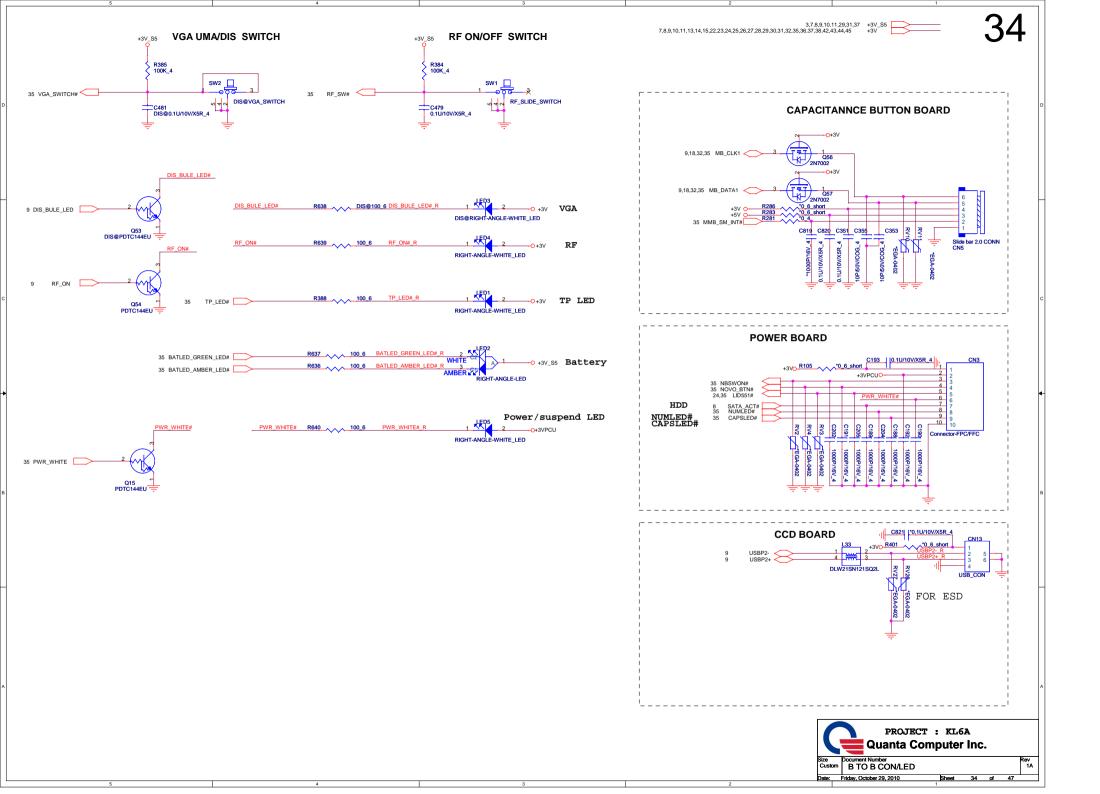


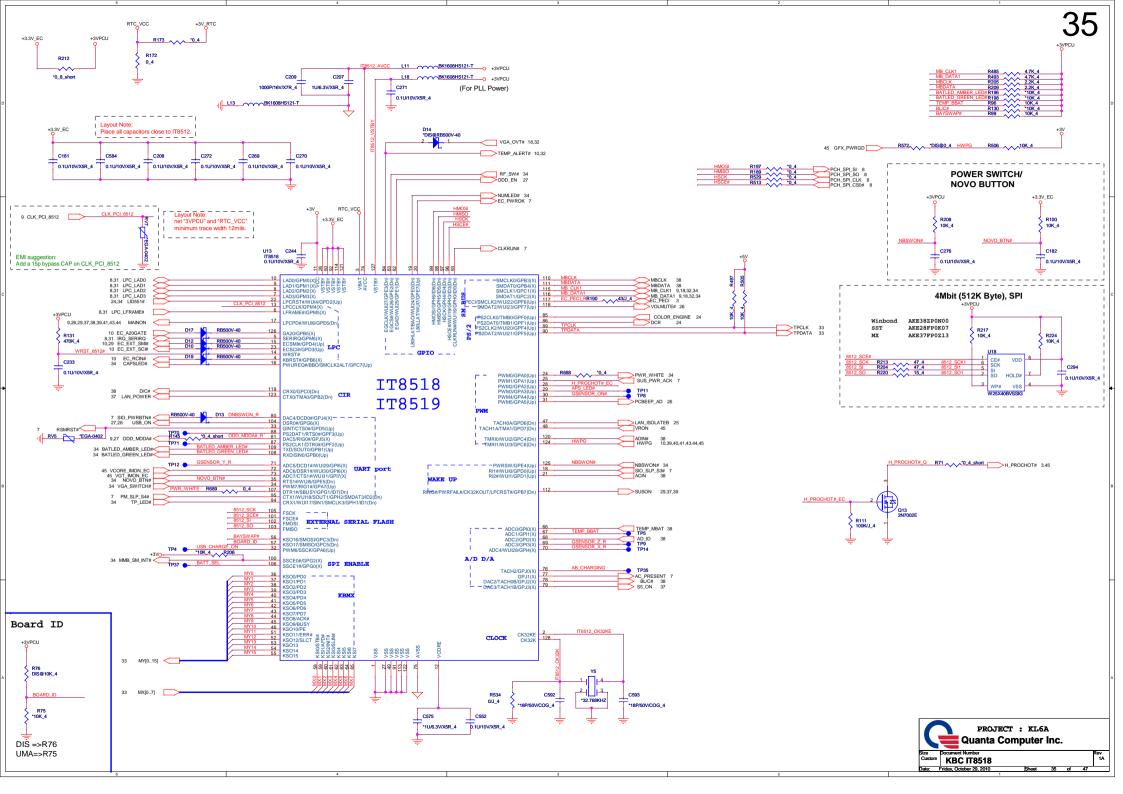


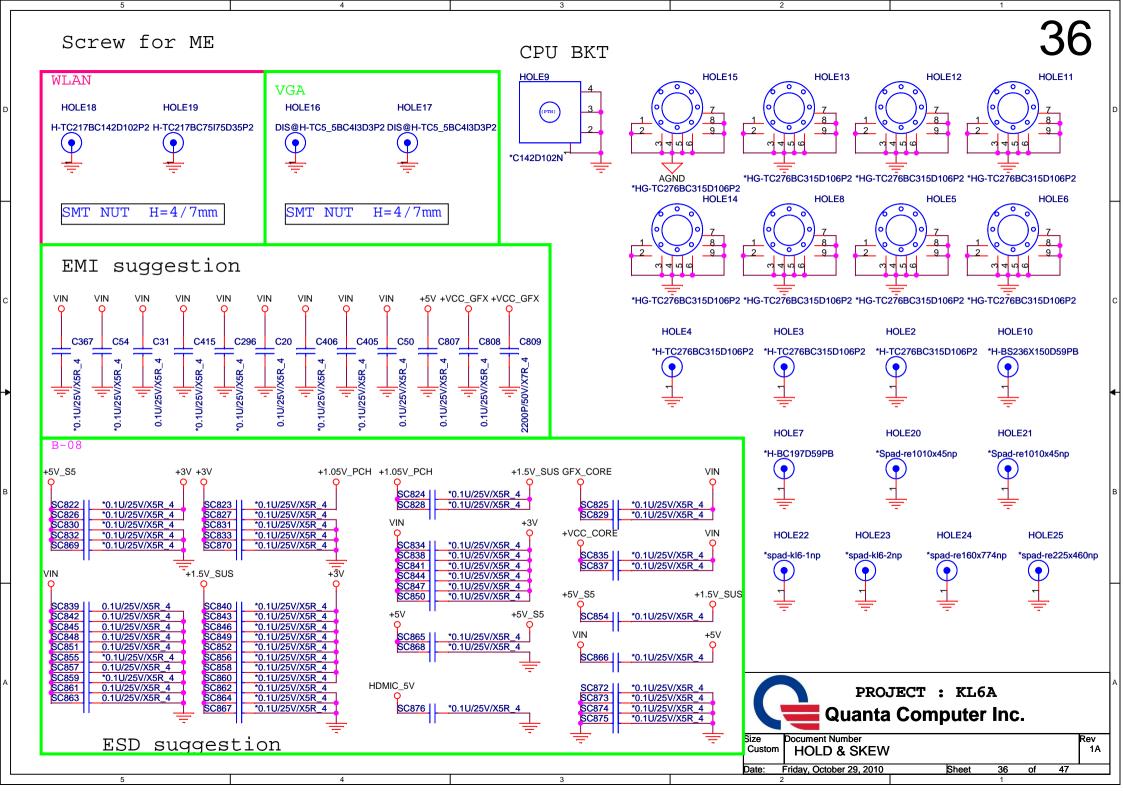




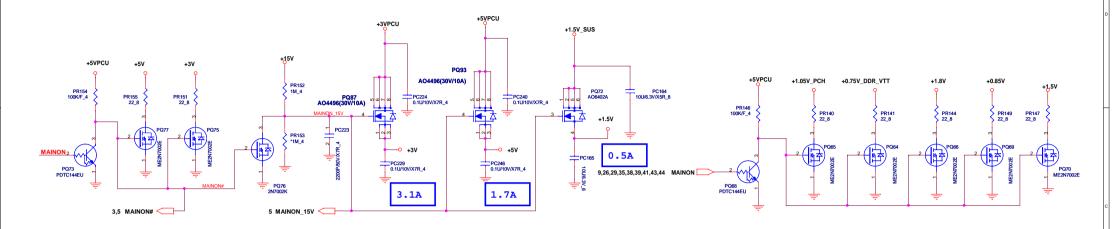




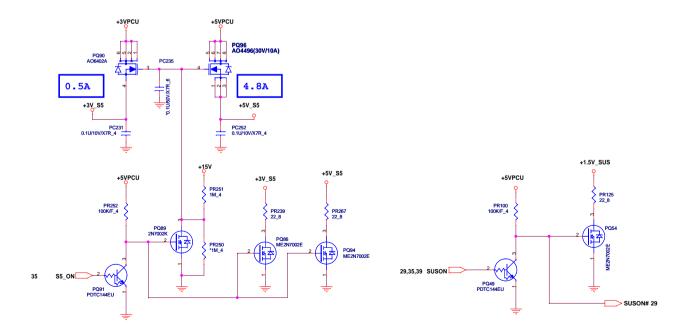




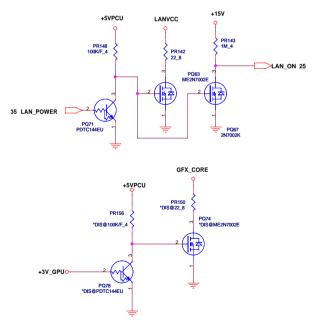
+3V, +5V,+1.5V

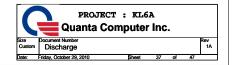


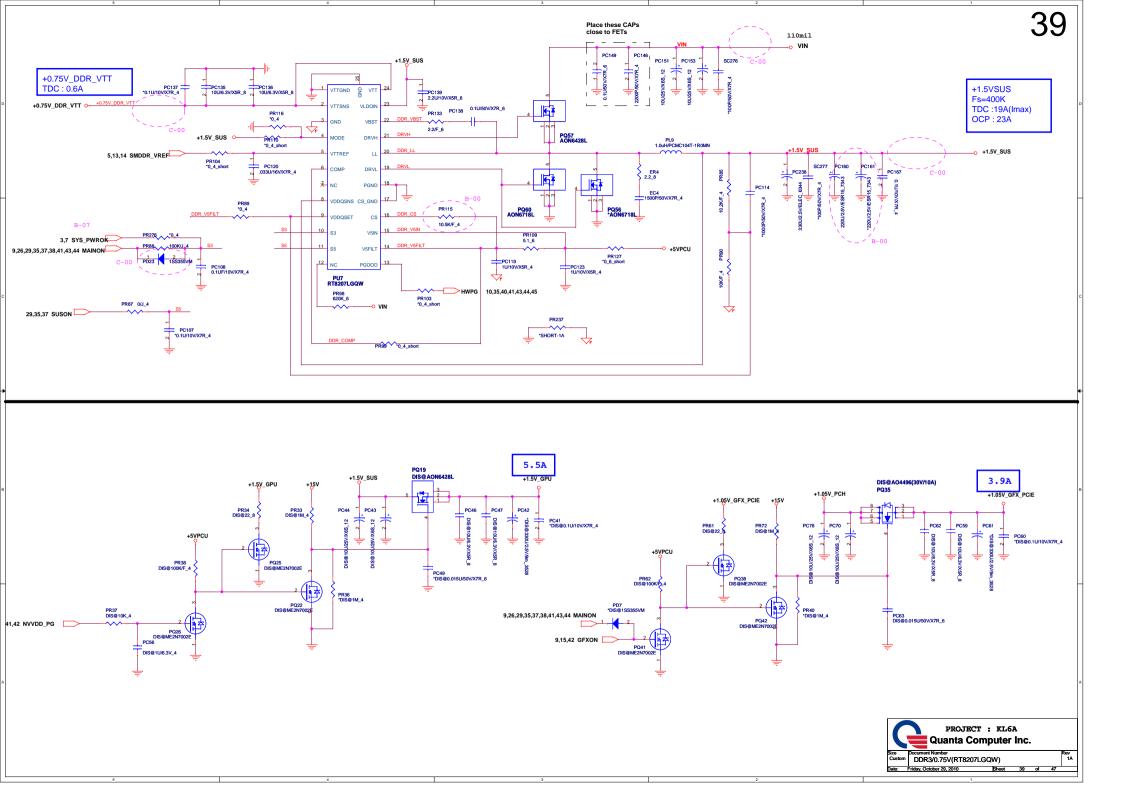
3V_S5, 5V_S5

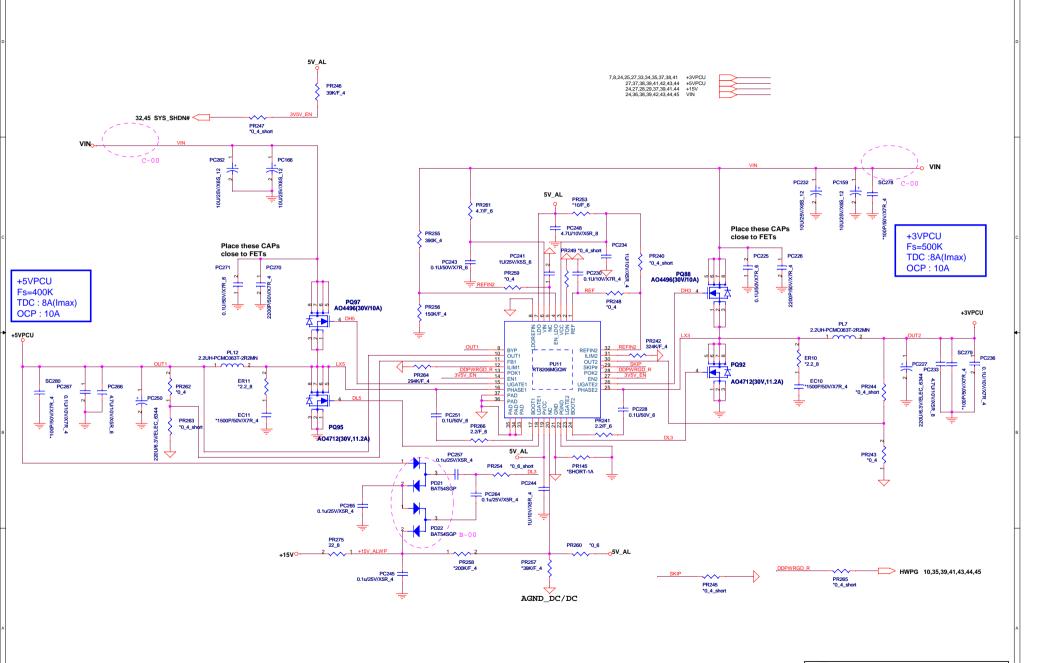


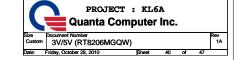
LANVCC

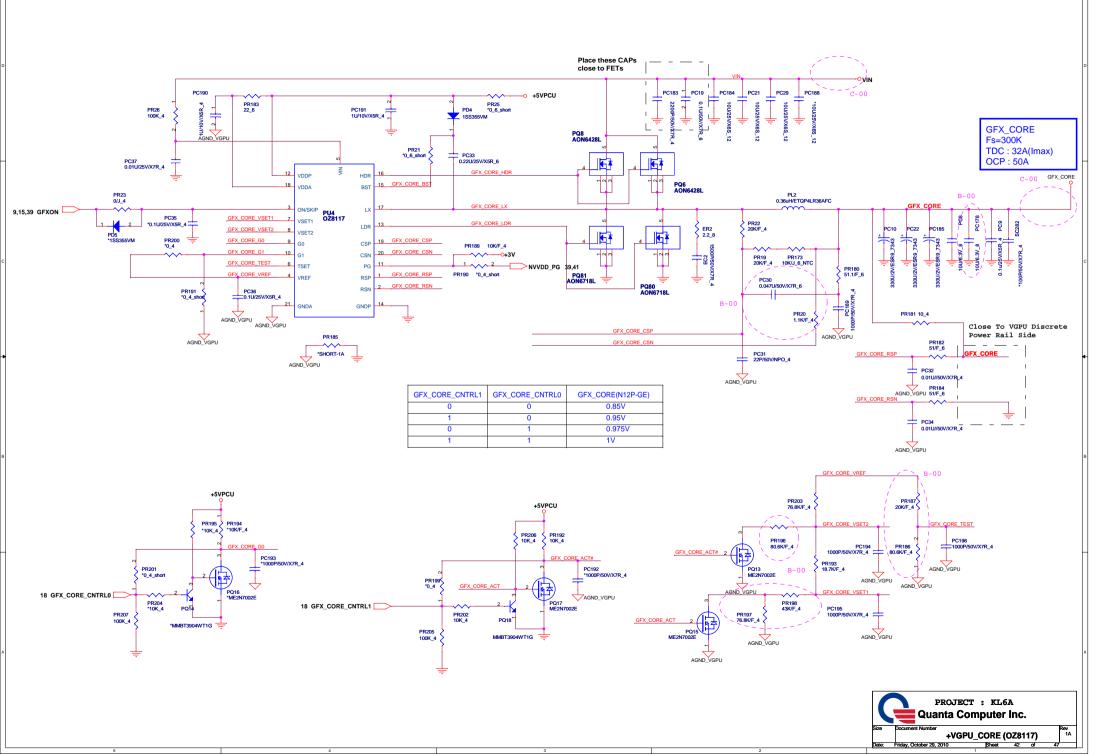


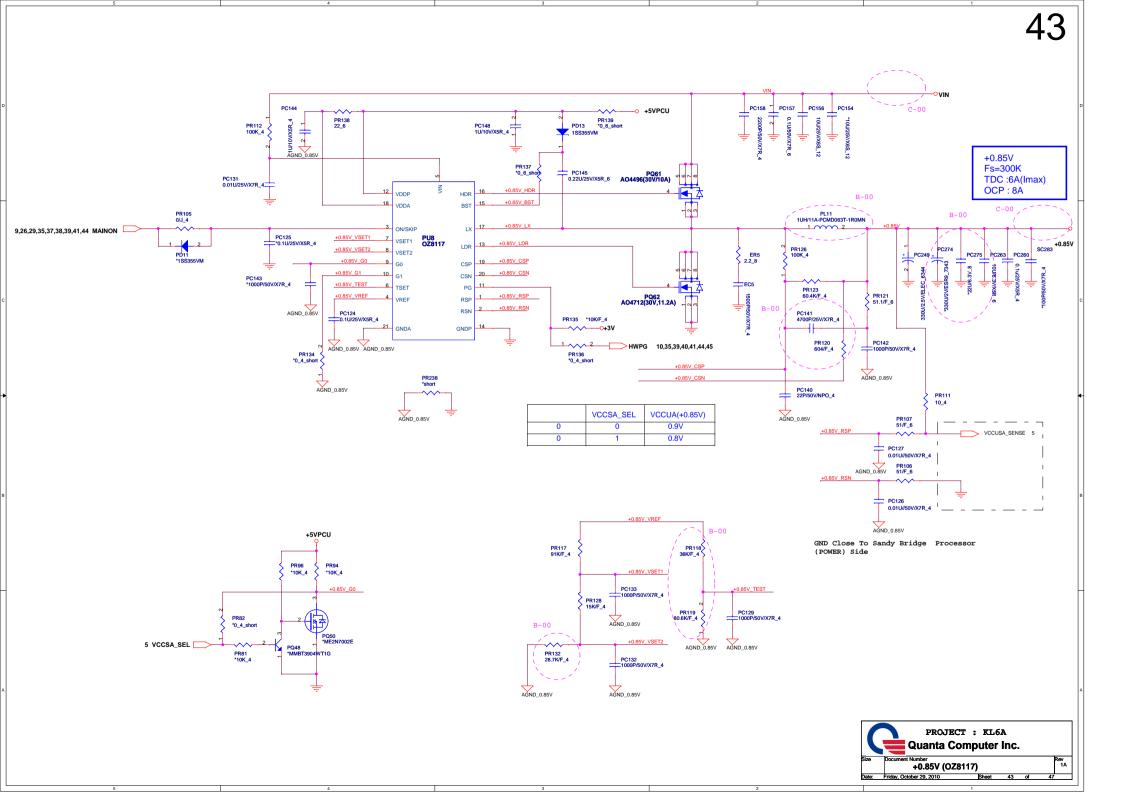


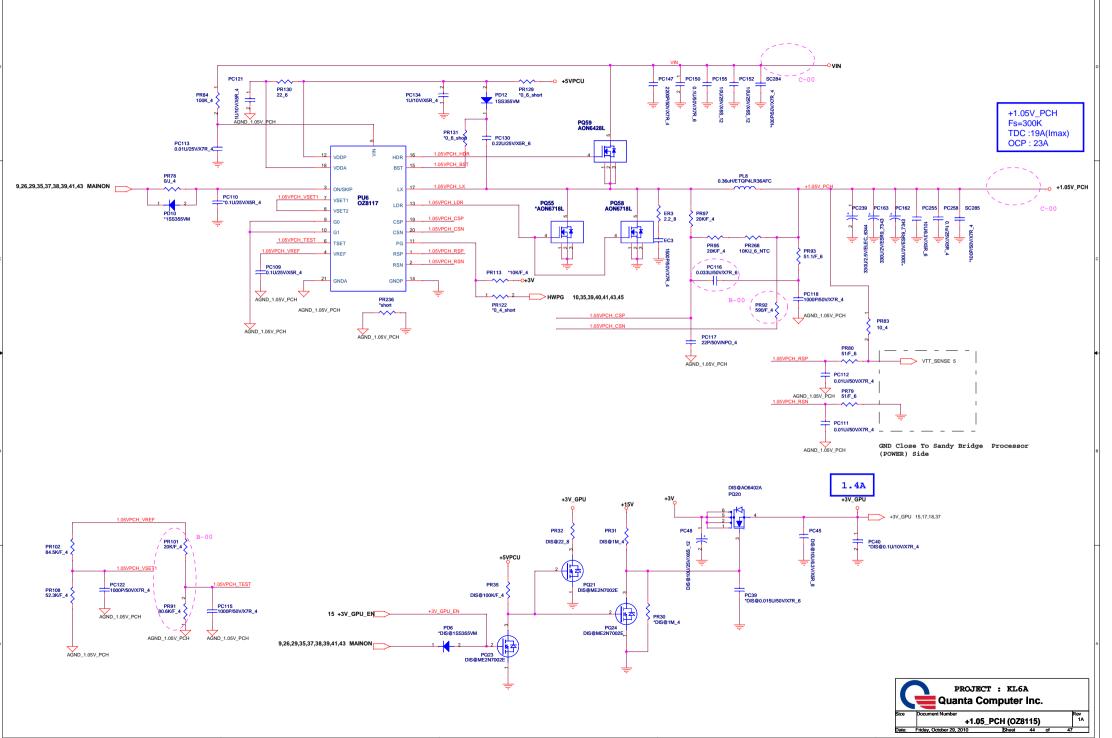


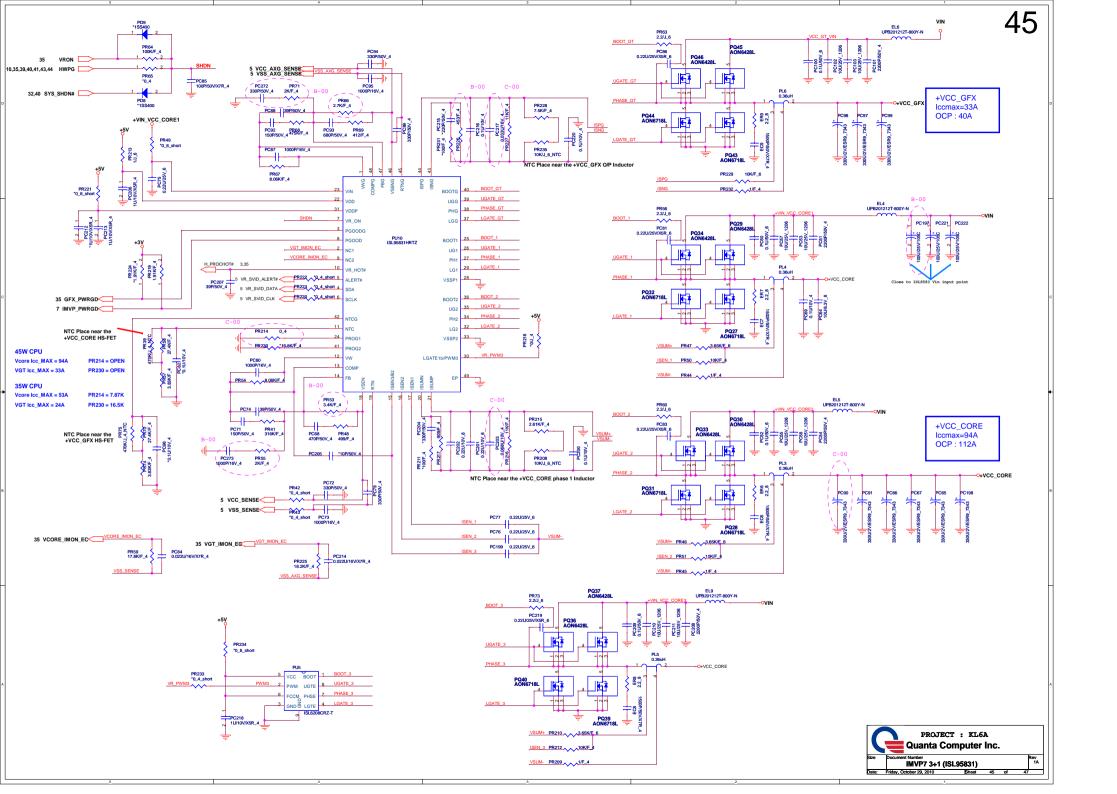


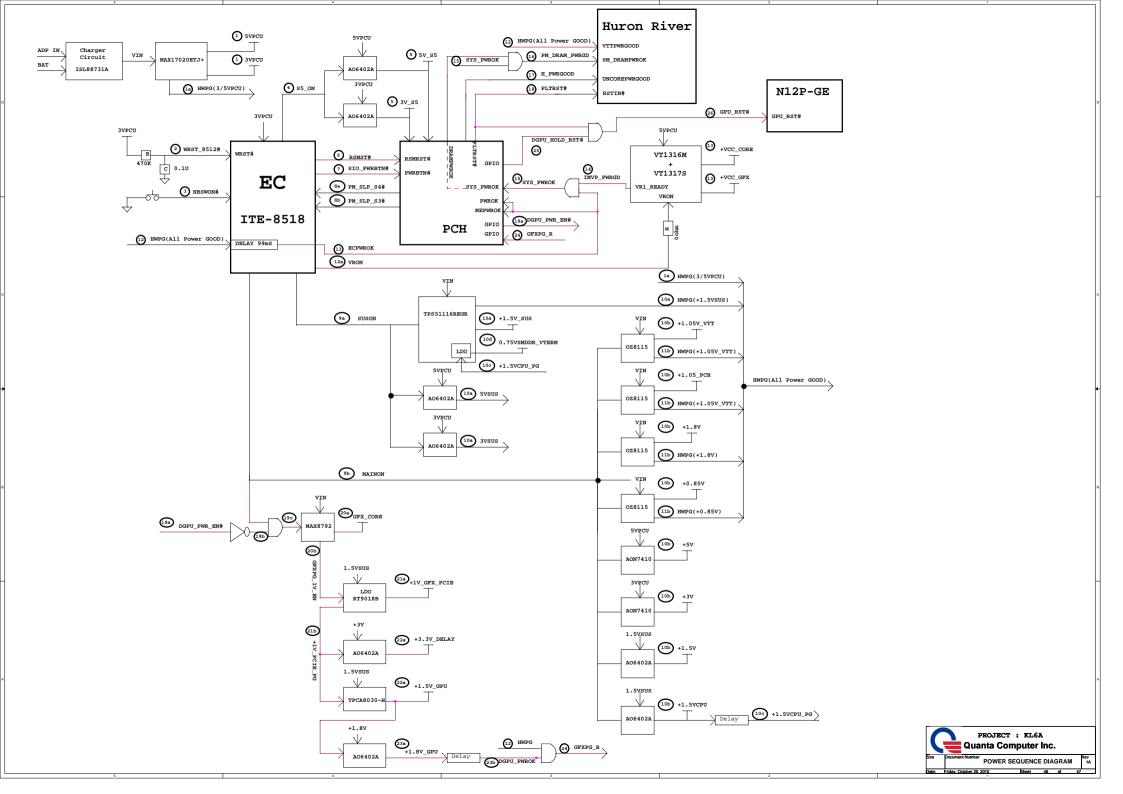












			Description	Date	Part Affecte
	1~46		Remove Oohm resistor	1018	
-01	9		Remov 27MHz from PCH	1018	
	28,32,		Add capacitor for ESD/EMI suggestion	1018	
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