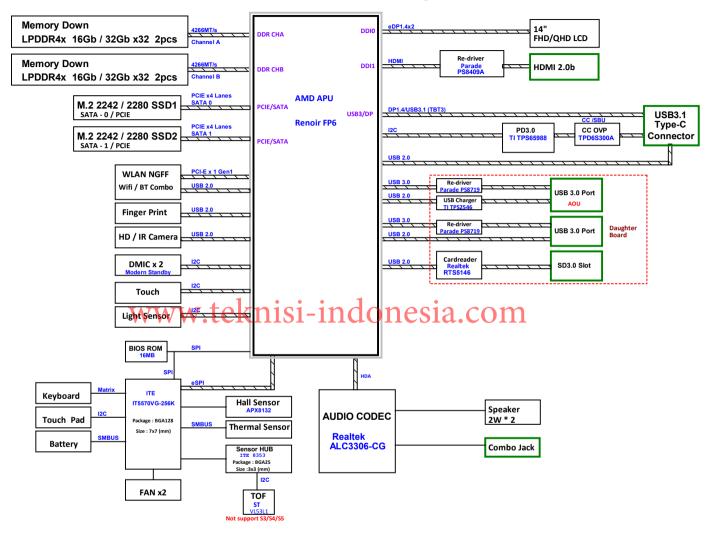
Aries 4B AMD Renoir FP6 Block Diagram



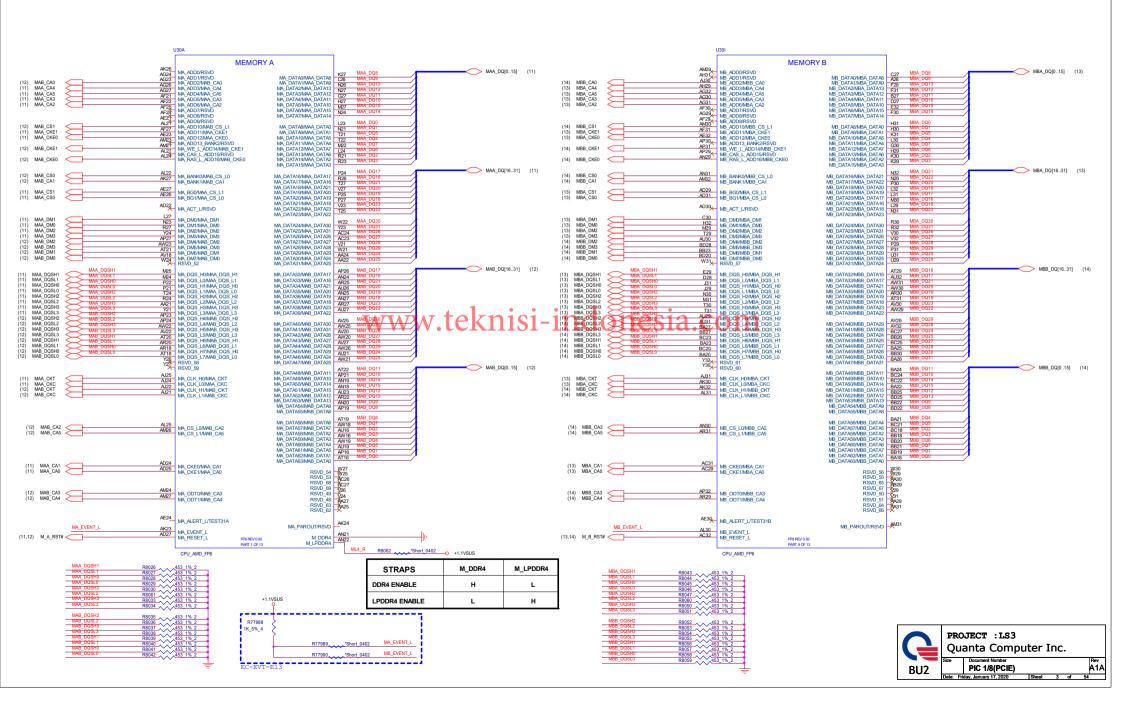
PCB 8L STACK UP

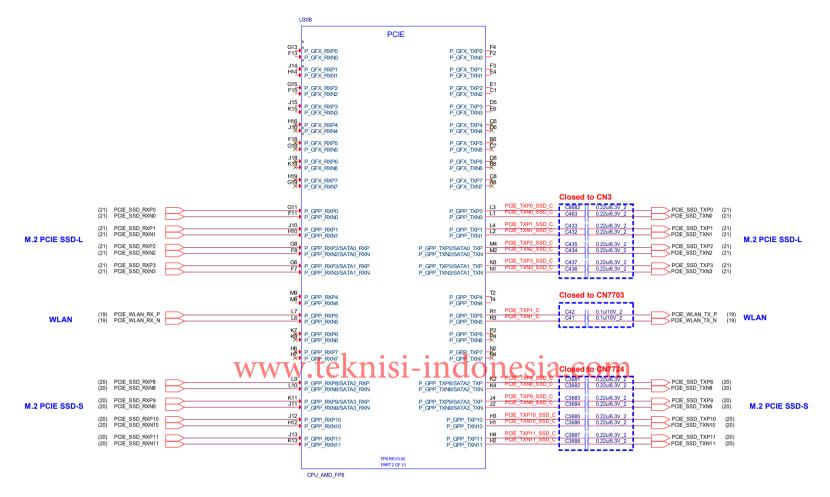
LAYER 1 : TOP
LAYER 2 : SVCC
LAYER 3 : IN1
LAYER 4 : IN2(High
LAYER 5 : SGND
LAYER 6 : IN3

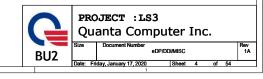
LAYER 7 : SGND LAYER 8 : BOT PROJECT :LS3
Quanta Computer Inc.

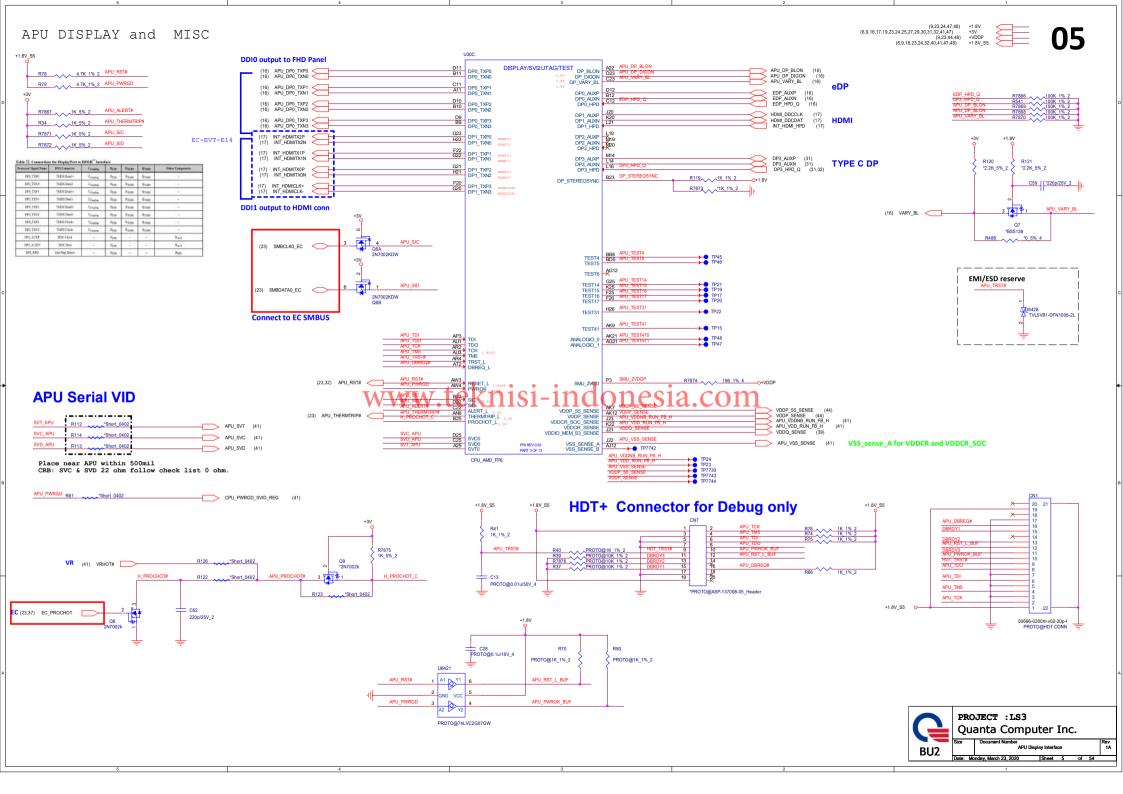
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annous 1940 Block Diagram
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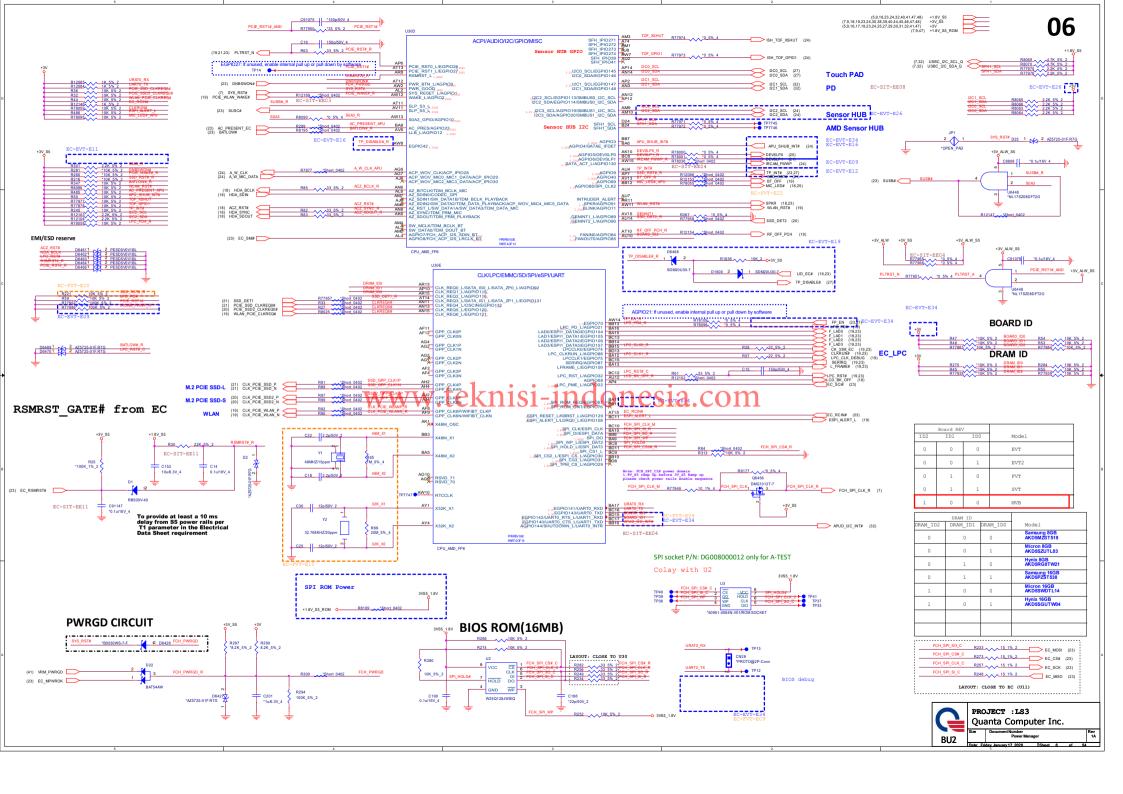


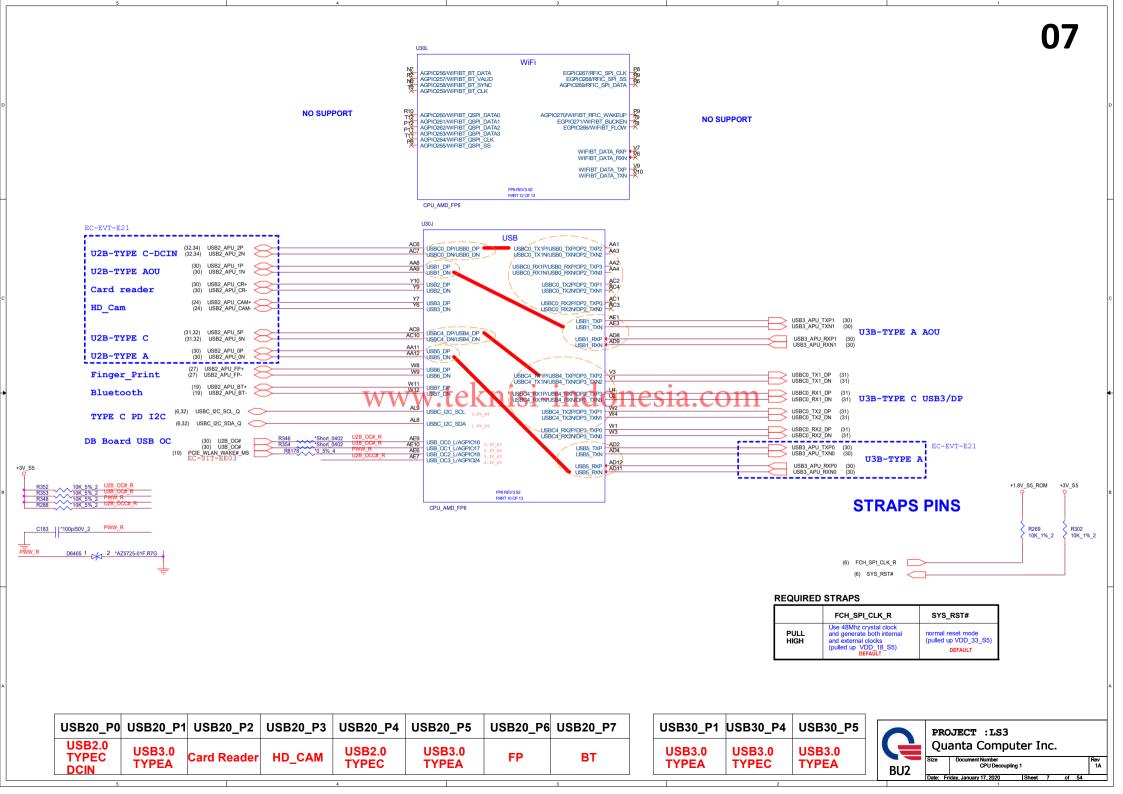


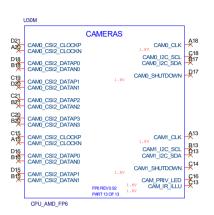


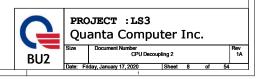


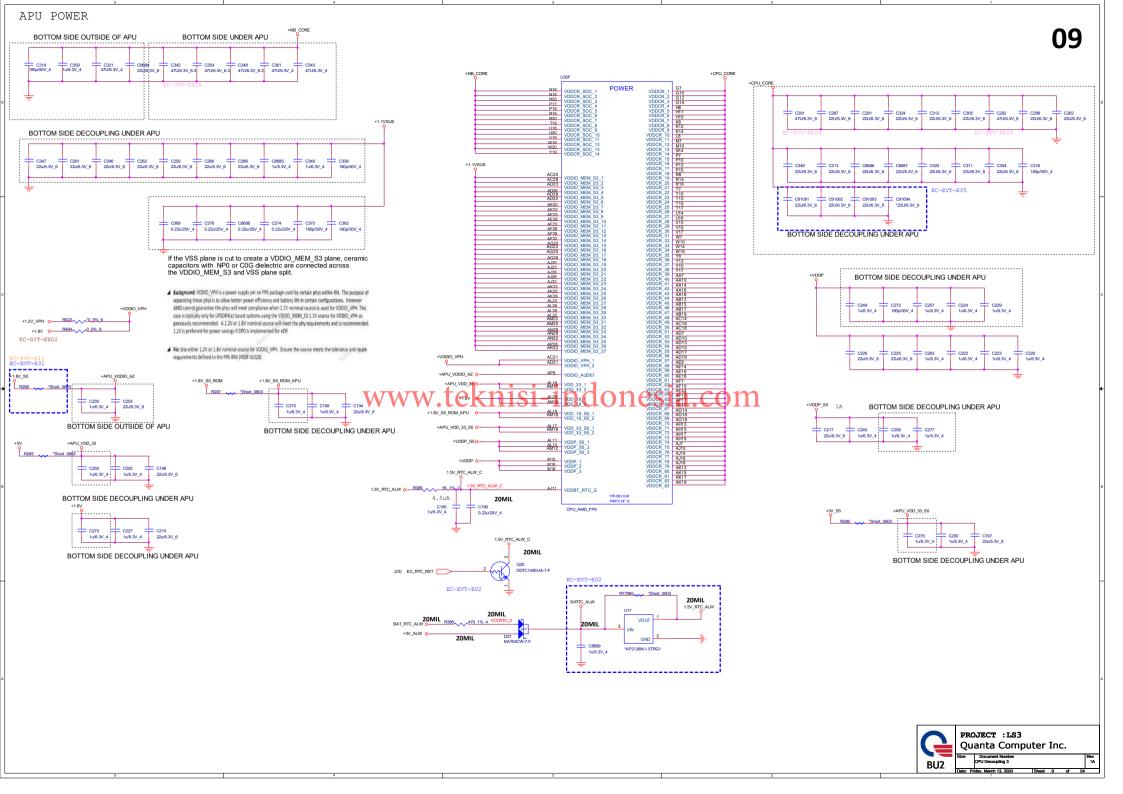


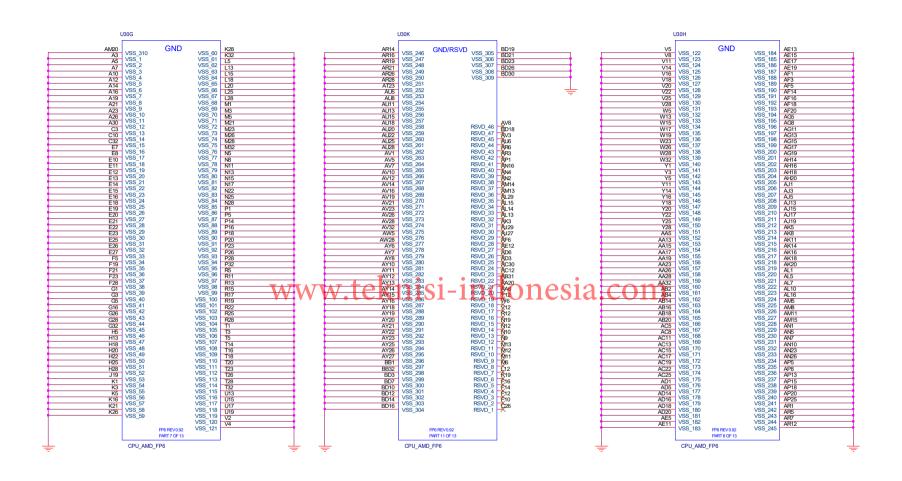






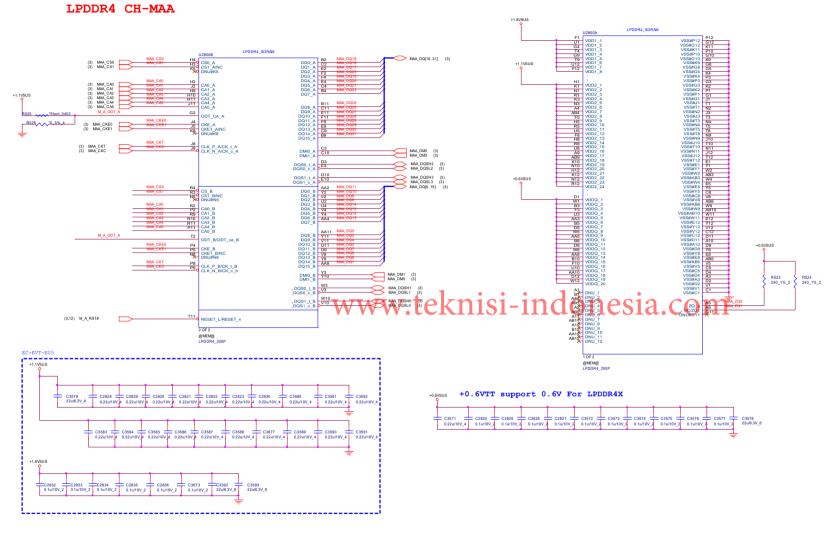








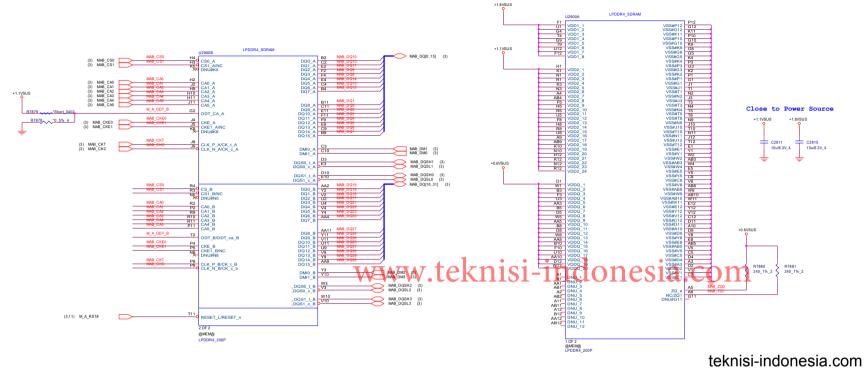
Non-NB Footprint:bga200-hynix-h9hcnnnbkmalhr-0_5s

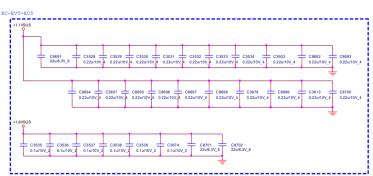




Non-NB Footprint:bga200-hynix-h9hcnnnbkmalhr-0 5s





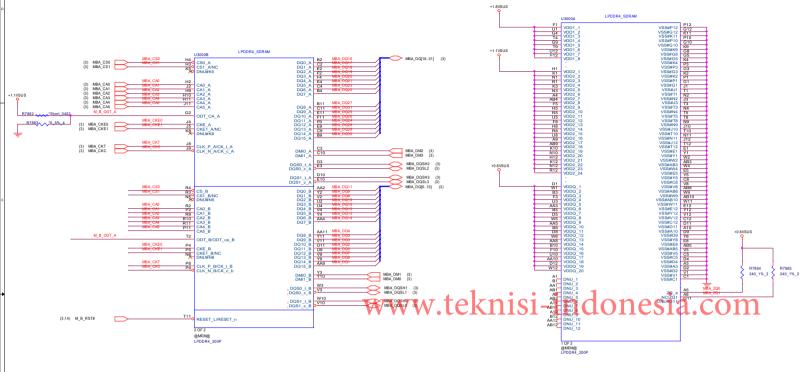


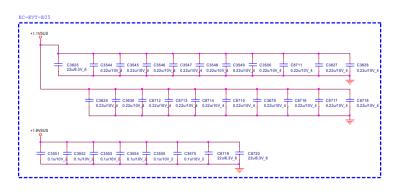




Non-NB Footprint:bga200-hynix-h9hcnnnbkmalhr-0_5s





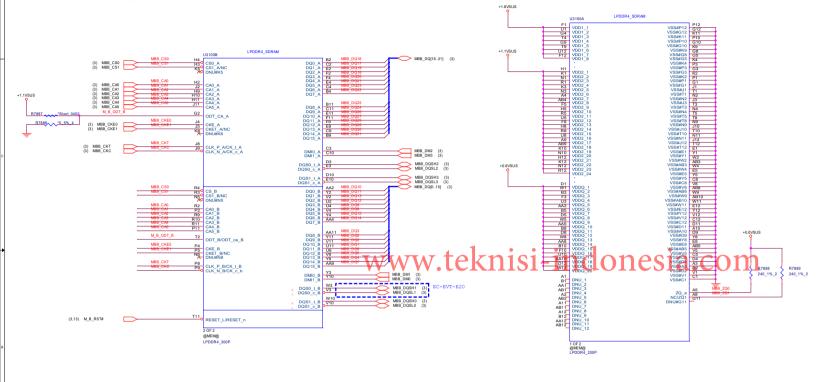


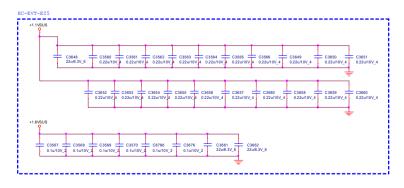


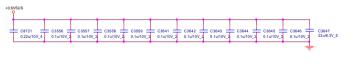


Non-NB Footprint:bga200-hynix-h9hcnnnbkmalhr-0 5s



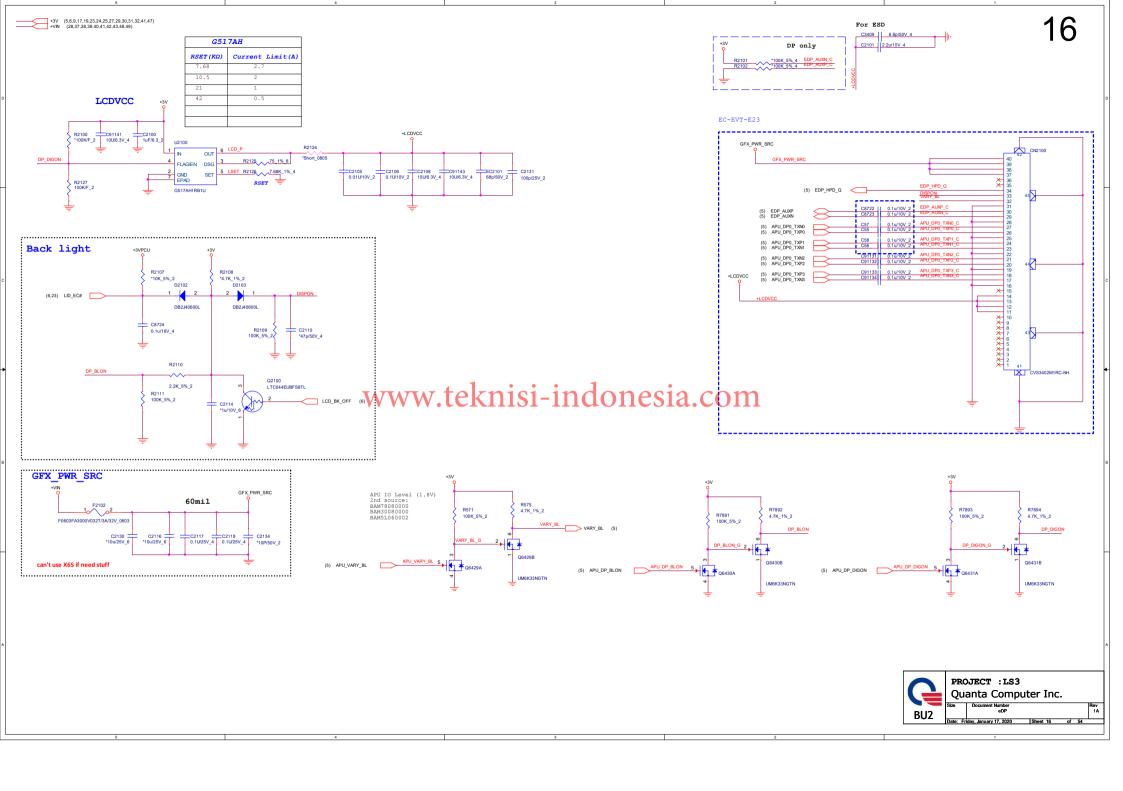


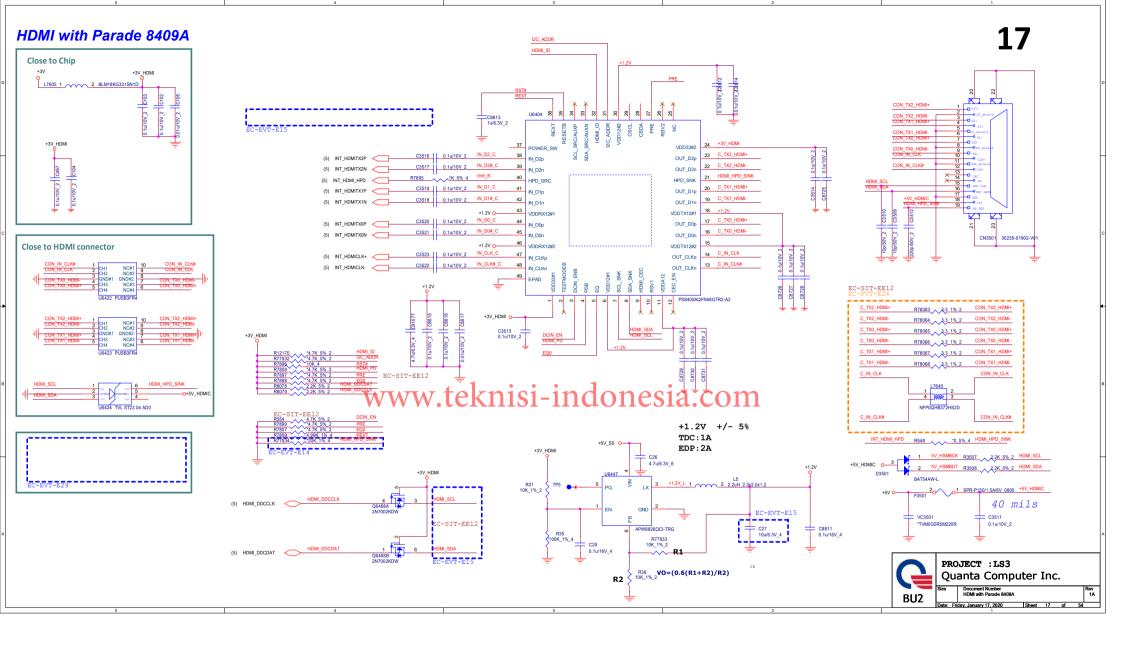


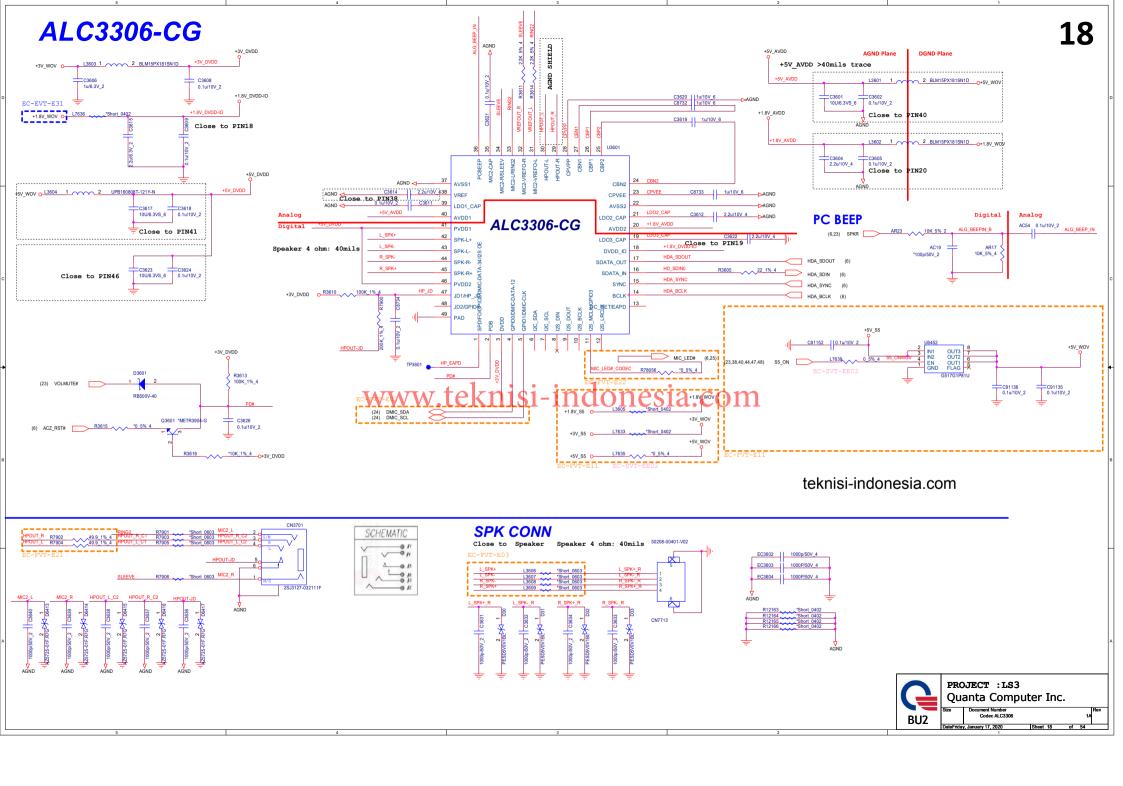


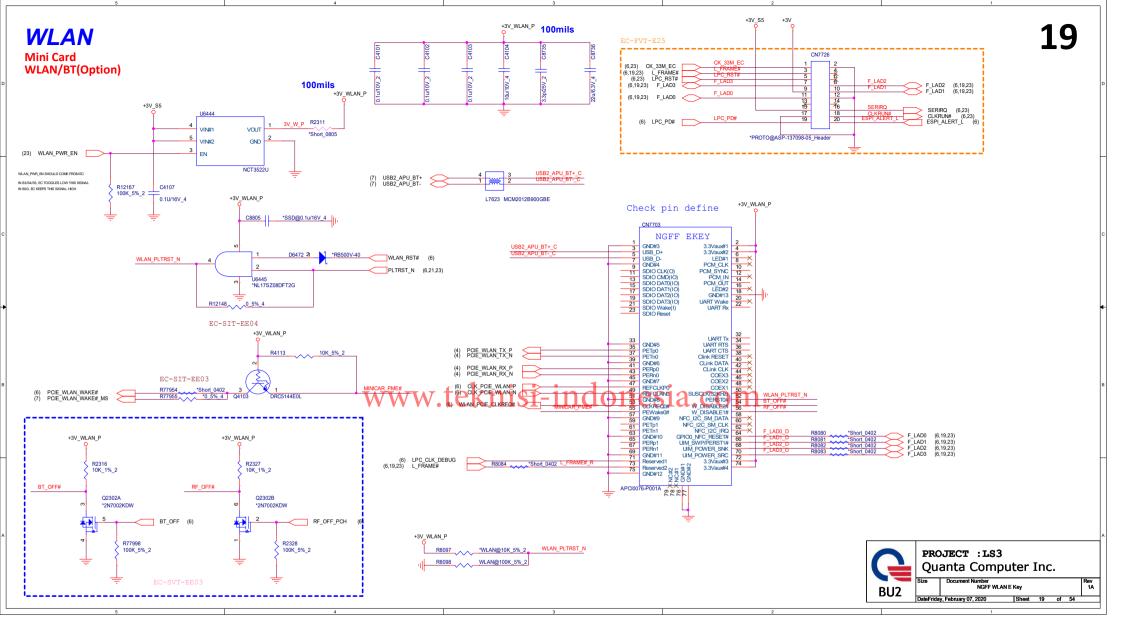


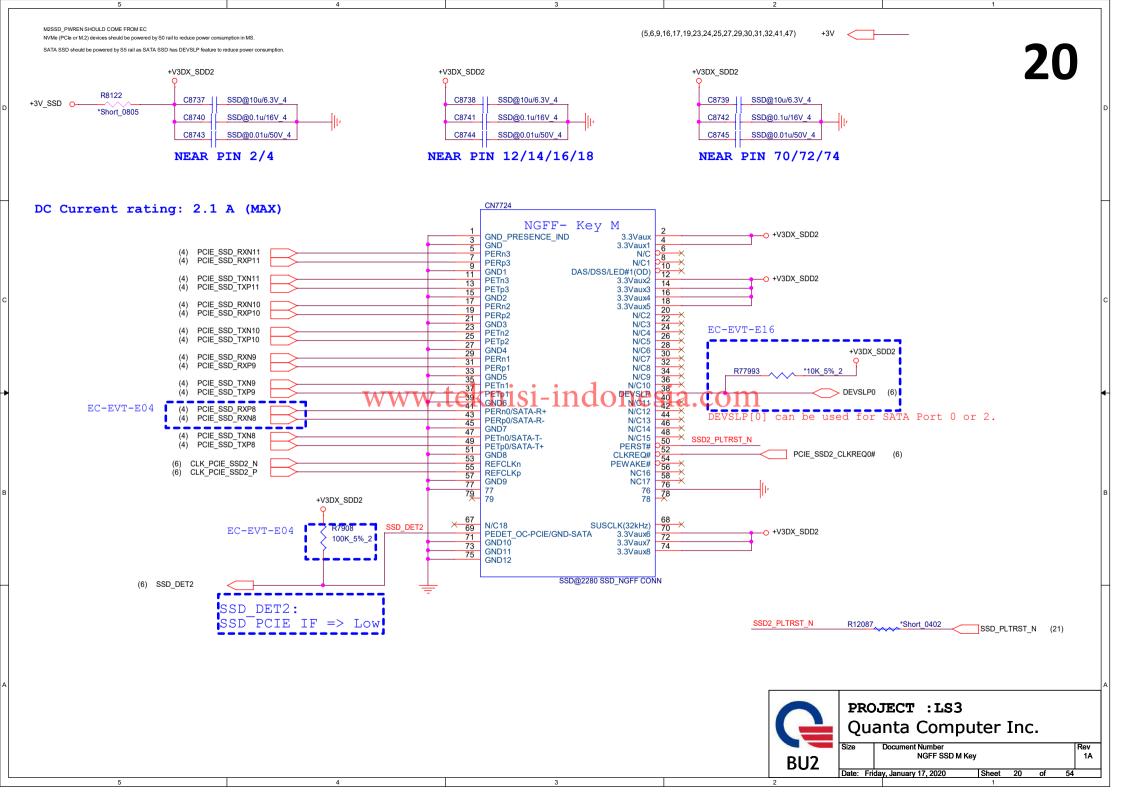


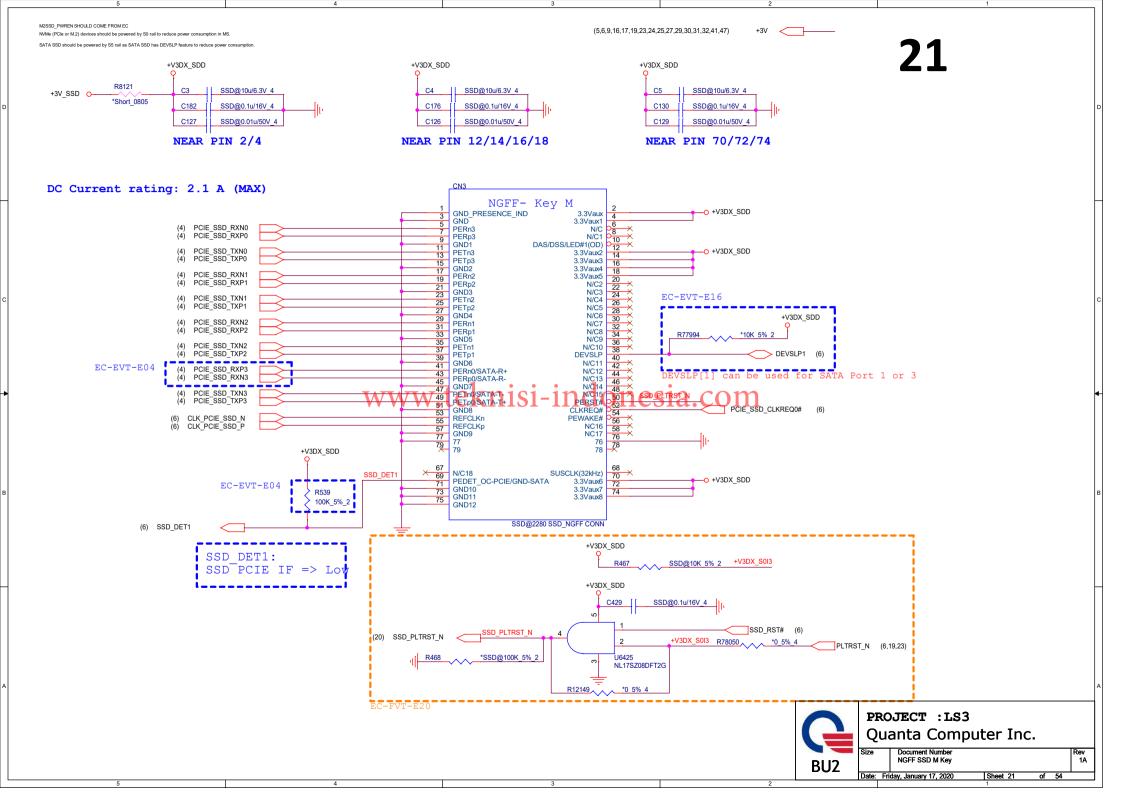


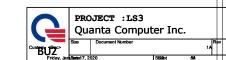


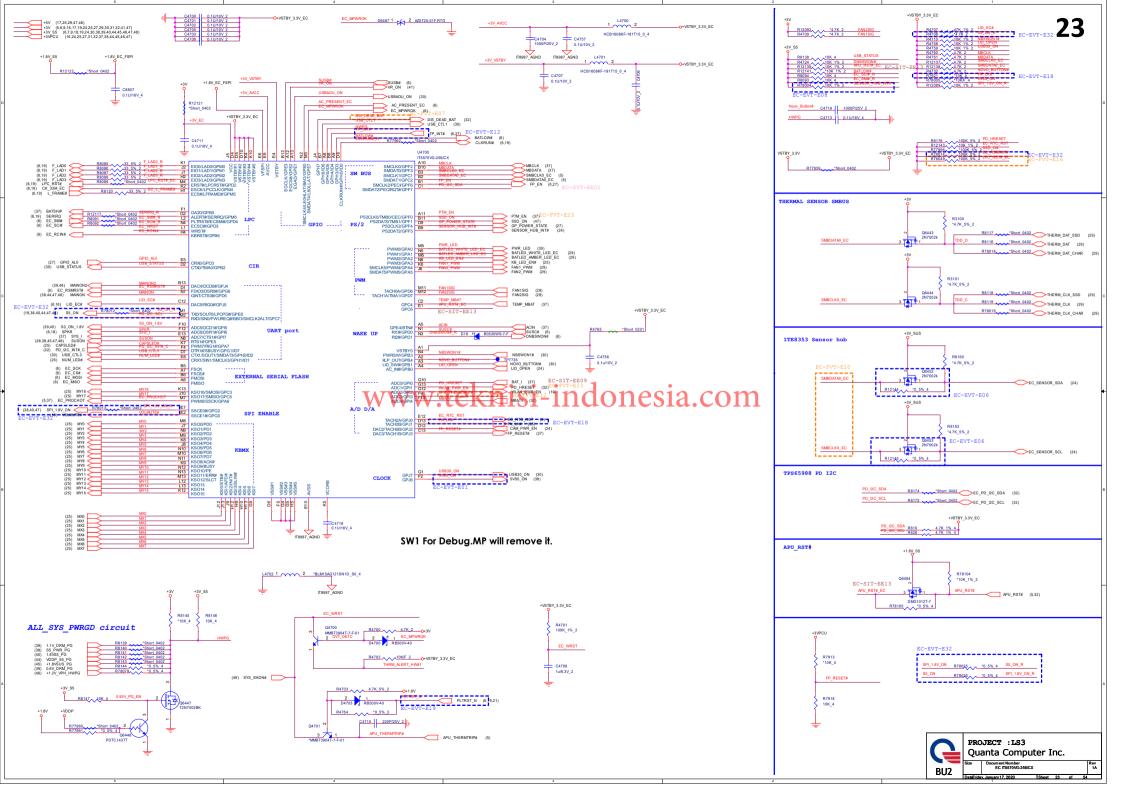


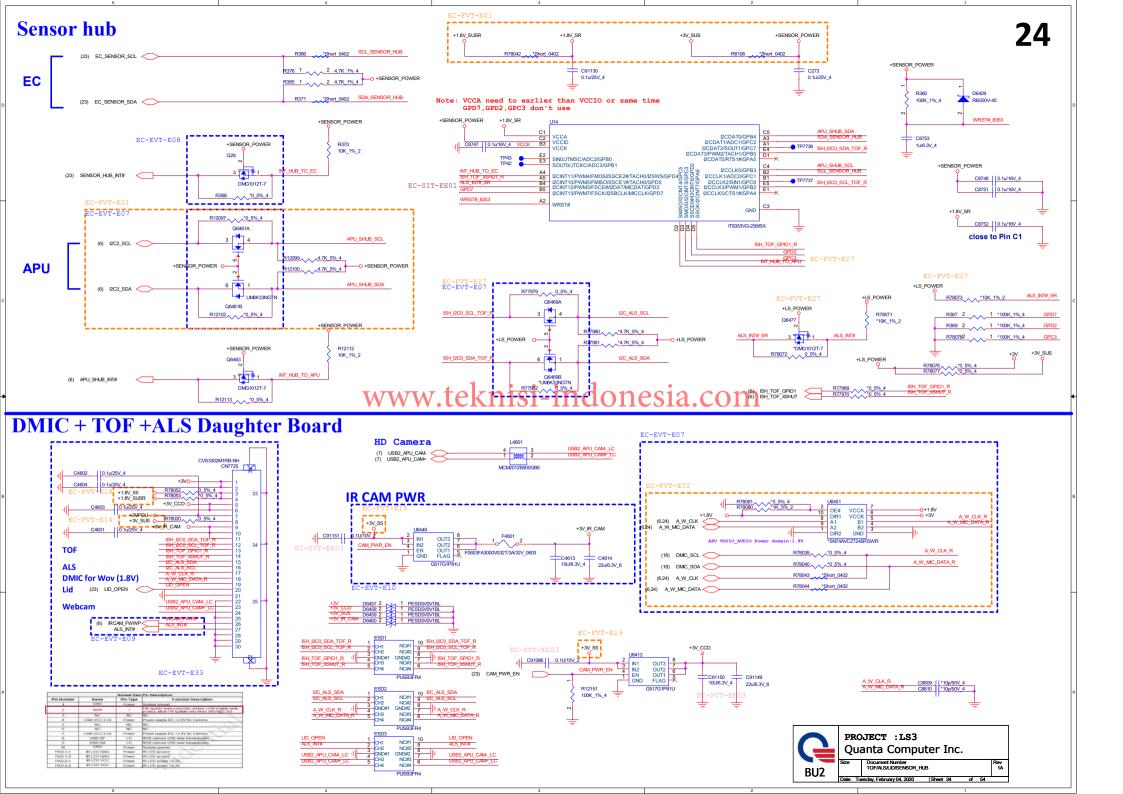


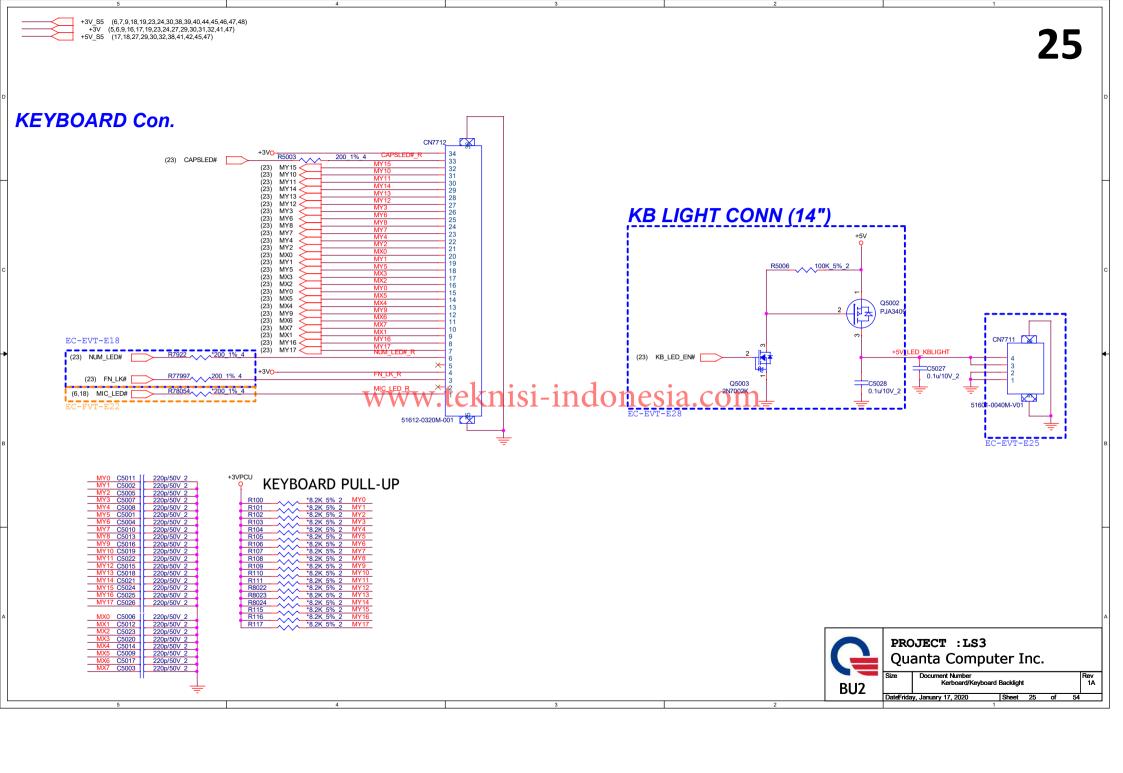


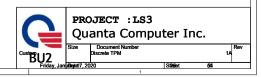


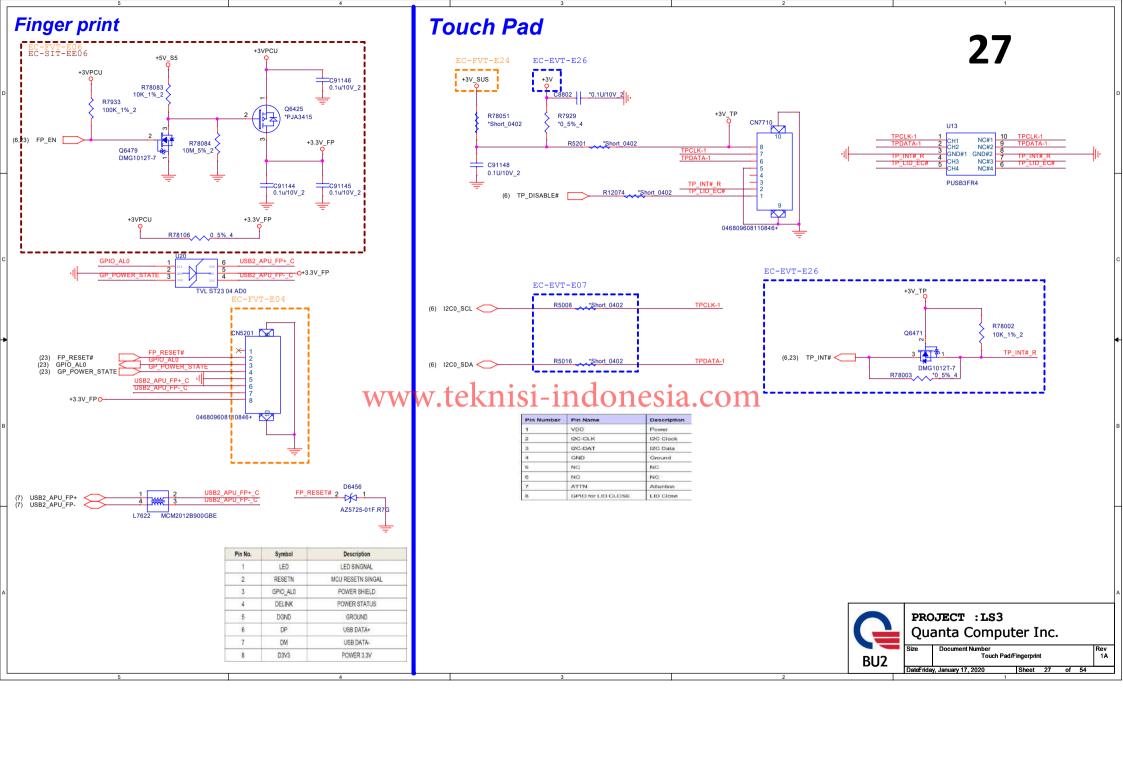


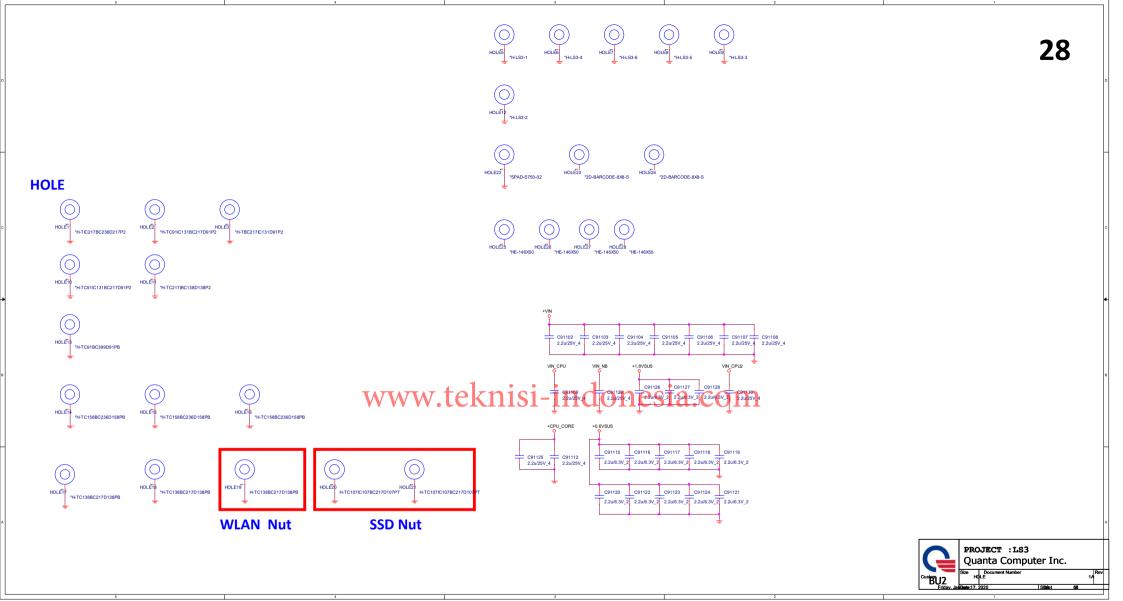


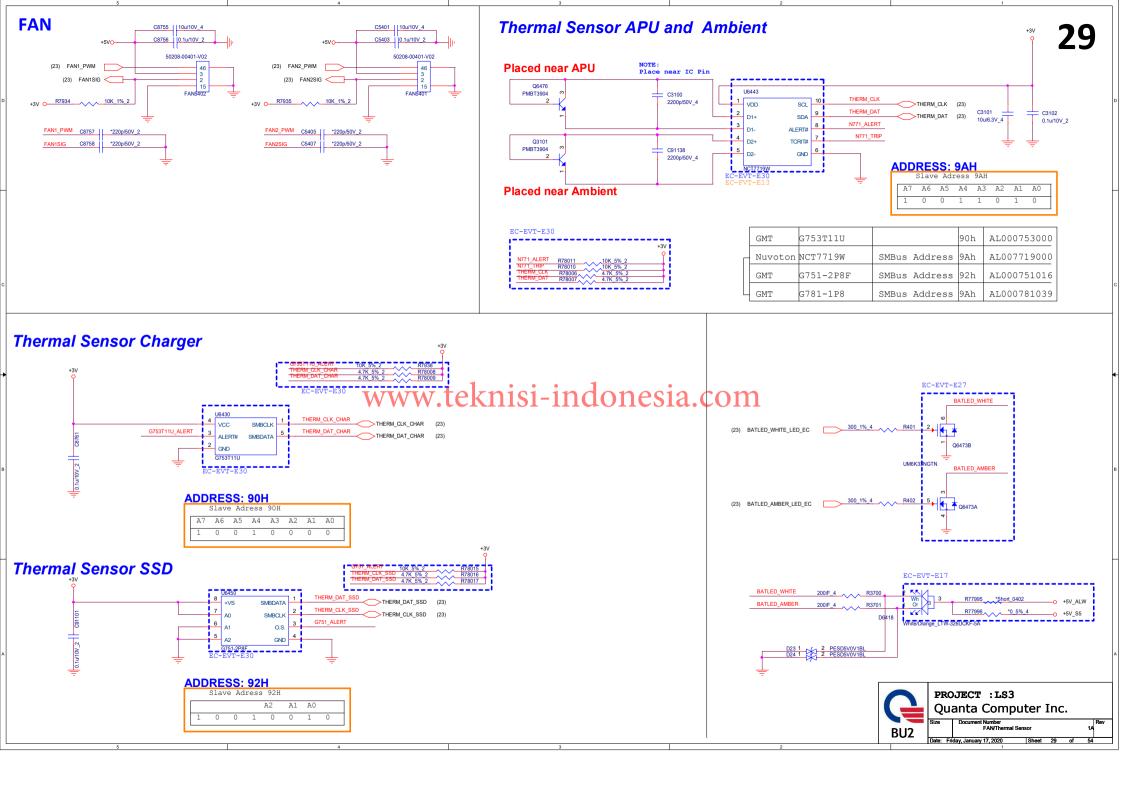






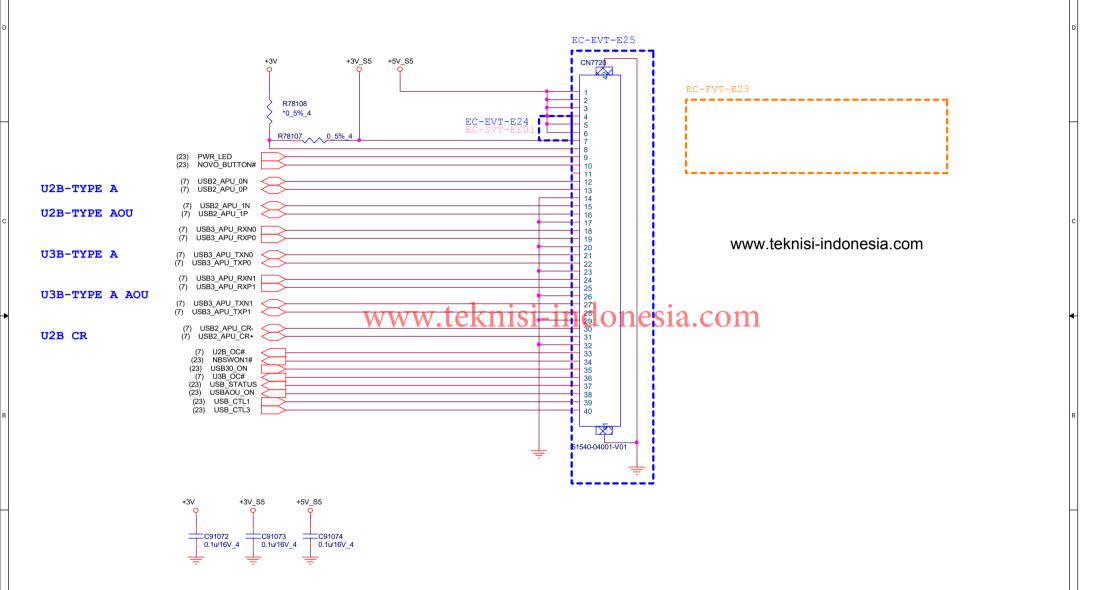






USB3+SD Daughter Board

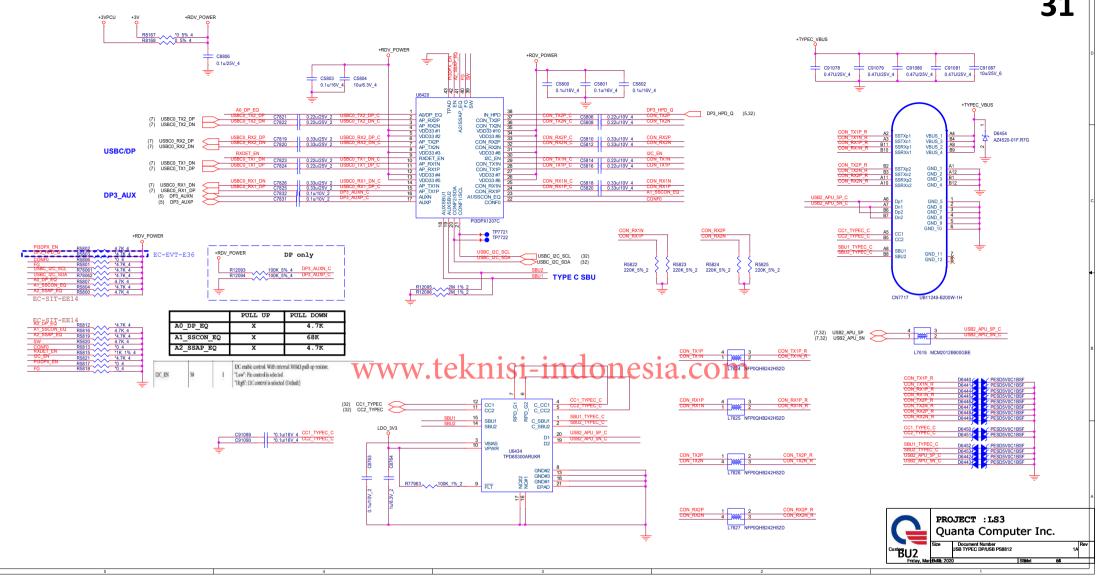


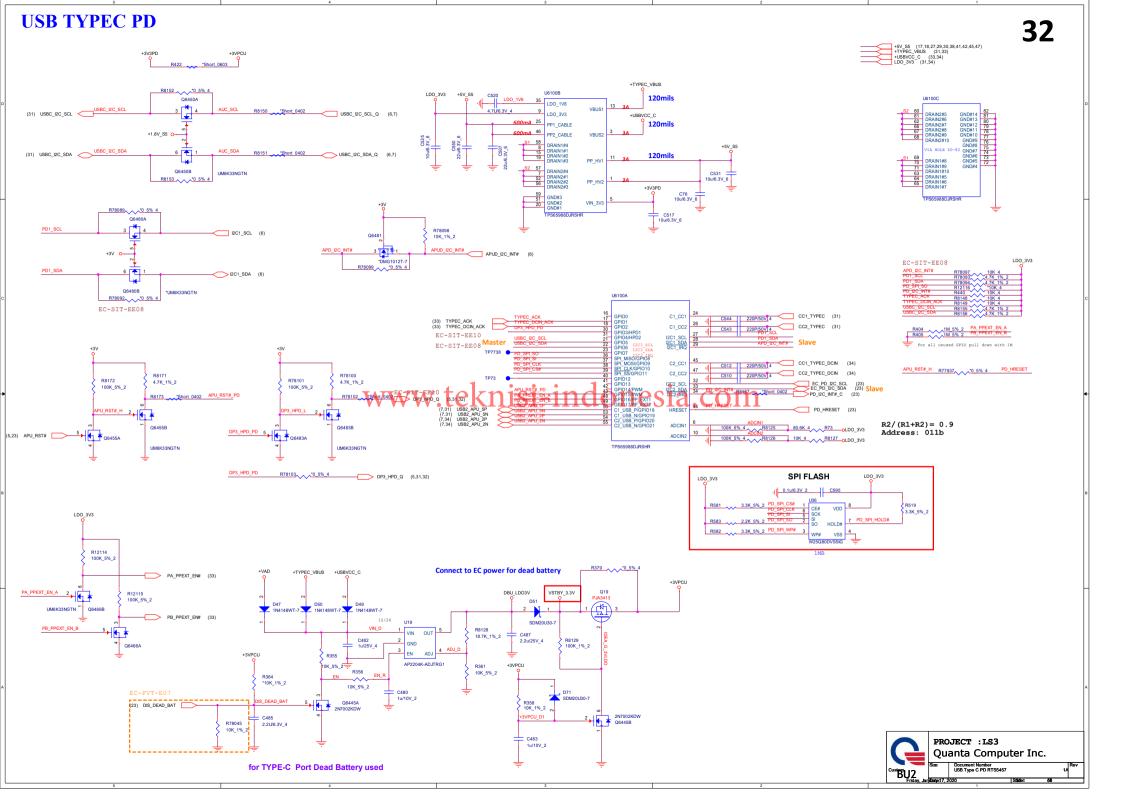


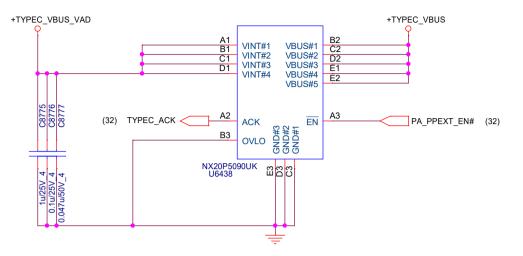


5









TYPE-C ADP Load Switch

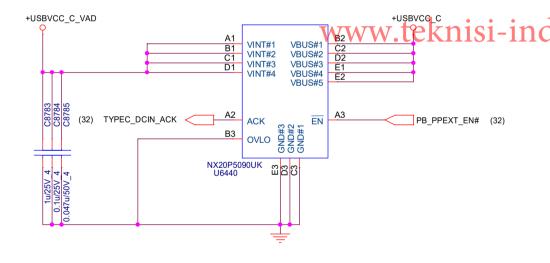


Table 4. Function table[1]

ĒN	VBUS	VINT	ACK	Operation mode		
L	<25V	Х	Z	Under-voltage lockout; switch open		
L	2.5 V < VBUS < V _{OVLO}	Х	L	Enabled; switch closed; charging mode		
L	X	Х	Z	Over-temperature protection; switch open		
L	> Vovio	Х	Z	Over-voltage lockout; switch open		
Н	X	Х	Z	Disable; switch open		
Χ	X	VINT>VBUS	Z	Reverse Current Protection; Switch open		

[1] H = HIGH voltage level; L = LOW voltage level; Z = high-impedance OFF-state.

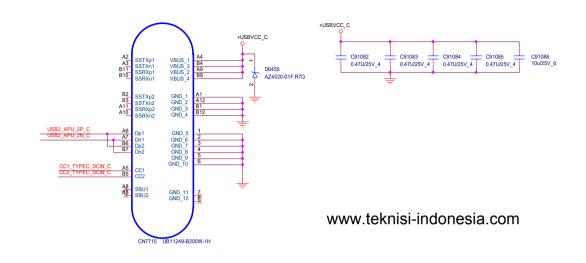
8.5 ACK output

The ACK output is an open-drain output that requires an external pull-up resistor. ACK pin indicates the state of the power switch, when no fault is detected and power switch is conducting, ACK will output low, otherwise it will stay at high impedance. The pull up resistor value is recommend to be $10K\Omega$ to $200K\Omega$.

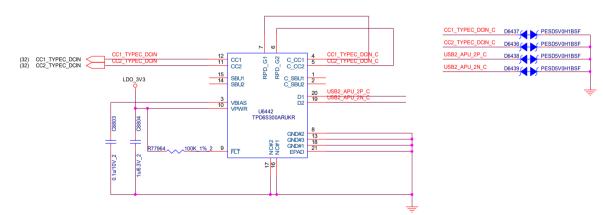


PROJECT :LS3 Quanta Computer Inc.

Size		Document Number Load Switch for Power Delivery 1A							Rev
Date:	Fri	riday, January 17, 2020			Sheet	33	of	54	

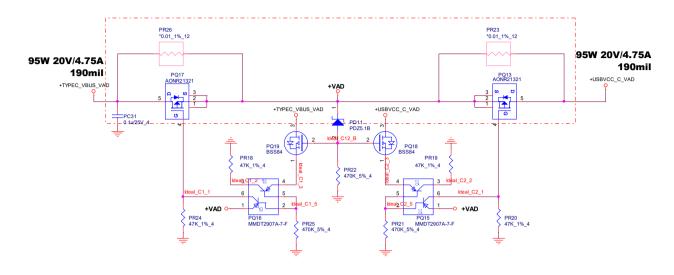


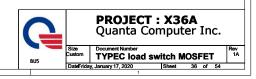


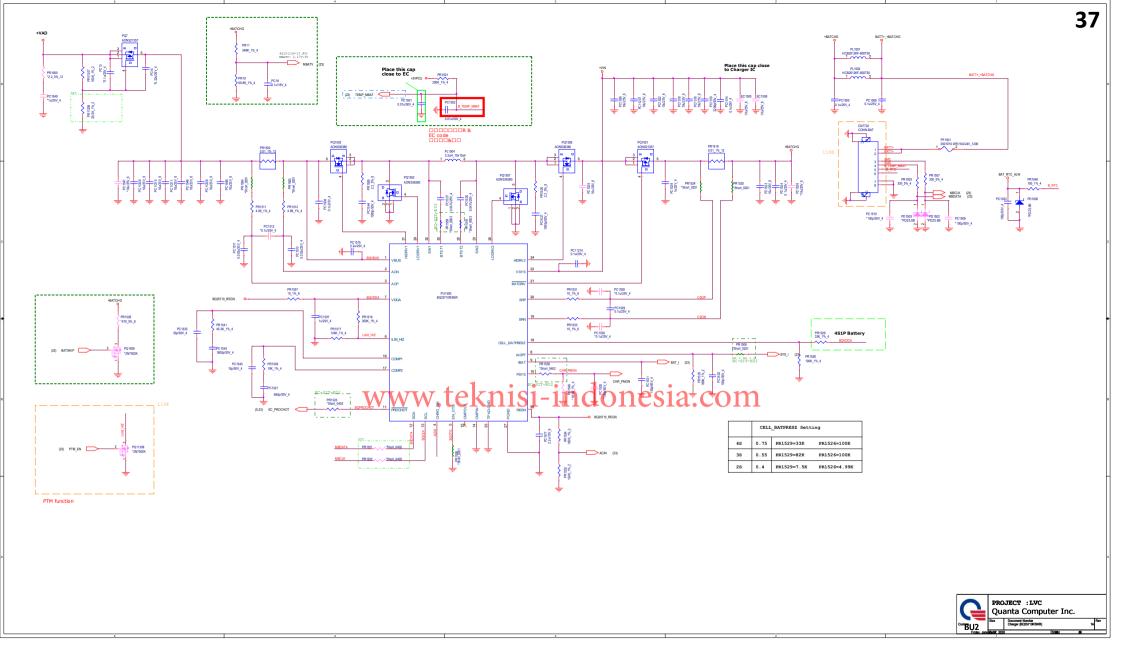


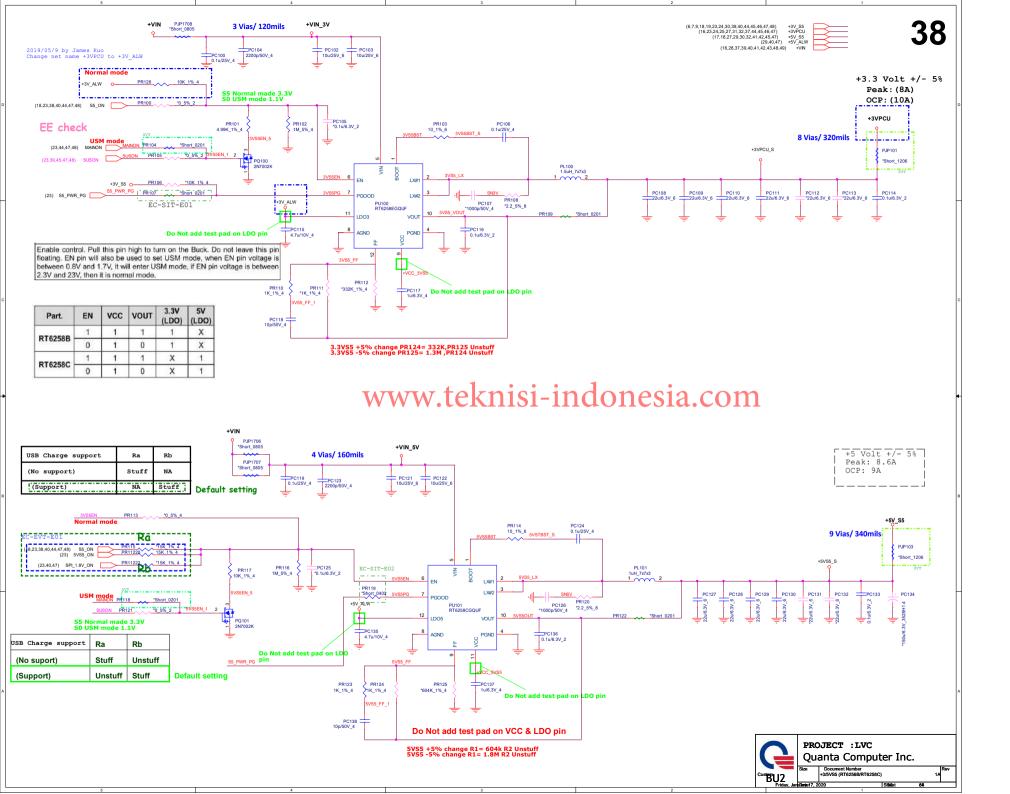


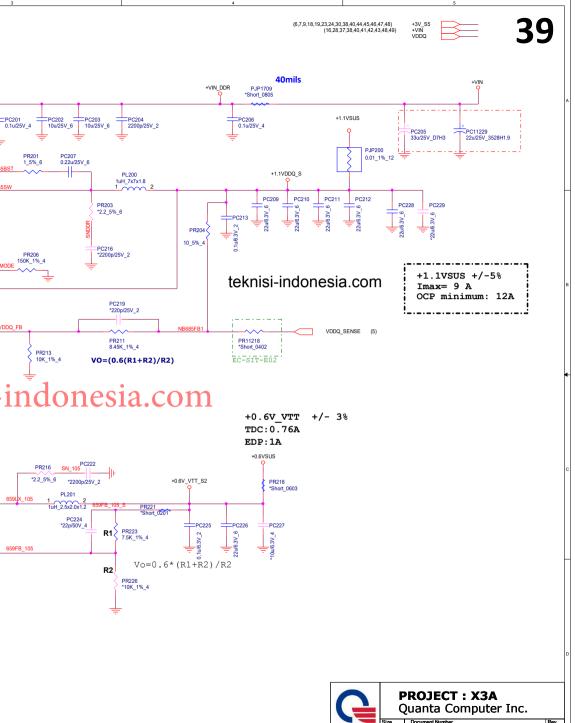












LPDDR4X (NB685A)



EC-SIT-E02

DDR VTT

PC200 1u/6.3V_4

*10u/6.3V_4

PR200

NB685AGQ-Z

AGND

VITREE

PGND

oīw ⊢1¹

10 NB685BST

Table 1-EN1/EN2 control EN1 EN2 VDDQ VTTREF VTT

ON

OFF

(23,48) MAINON2

(23,38,45,47,48) SUSON

OFF(High-Z)

DDR VTTREF O

PR202 100_1%_4

PC215 0.033u/16V 4

PC214 0.1u/6.3V 2

OFF

OFF

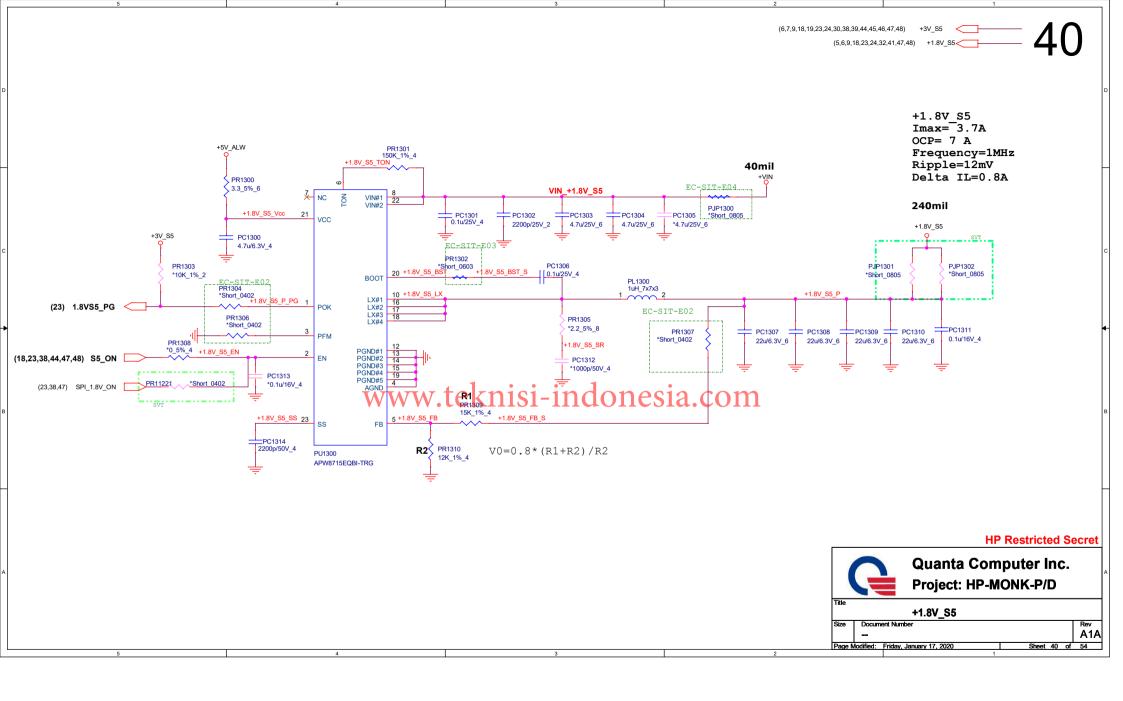
High High ON

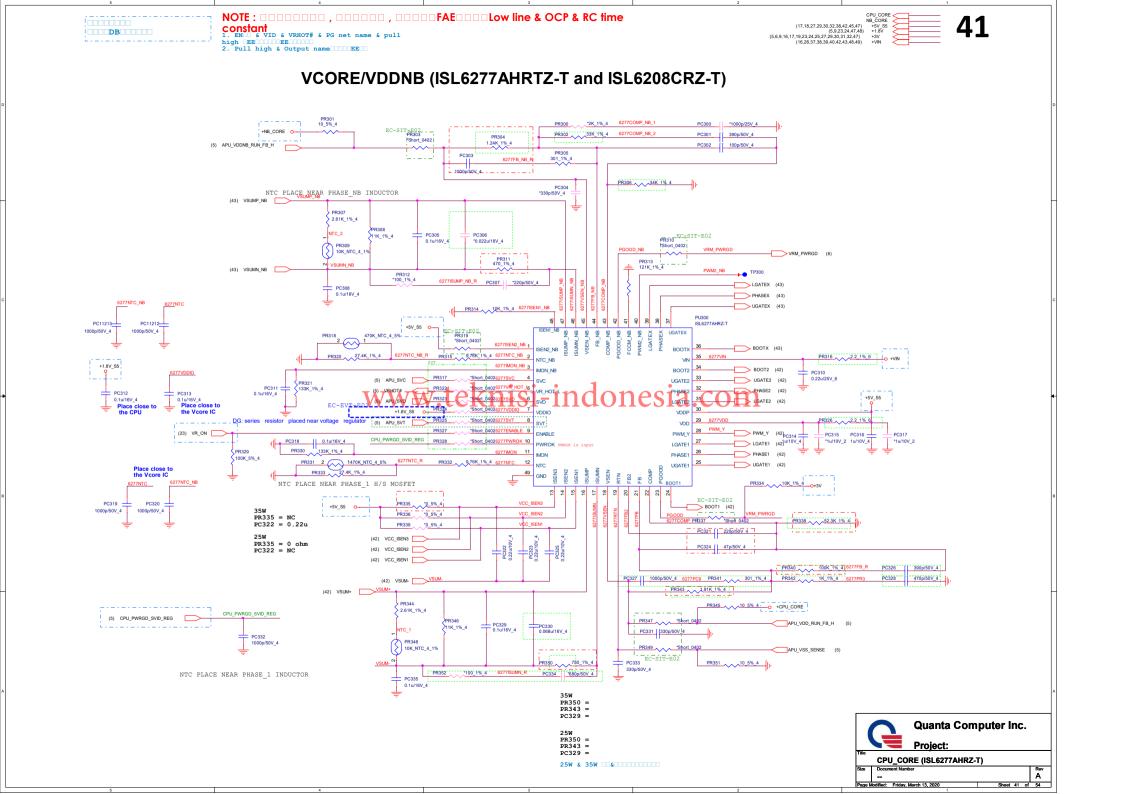
Low High ON

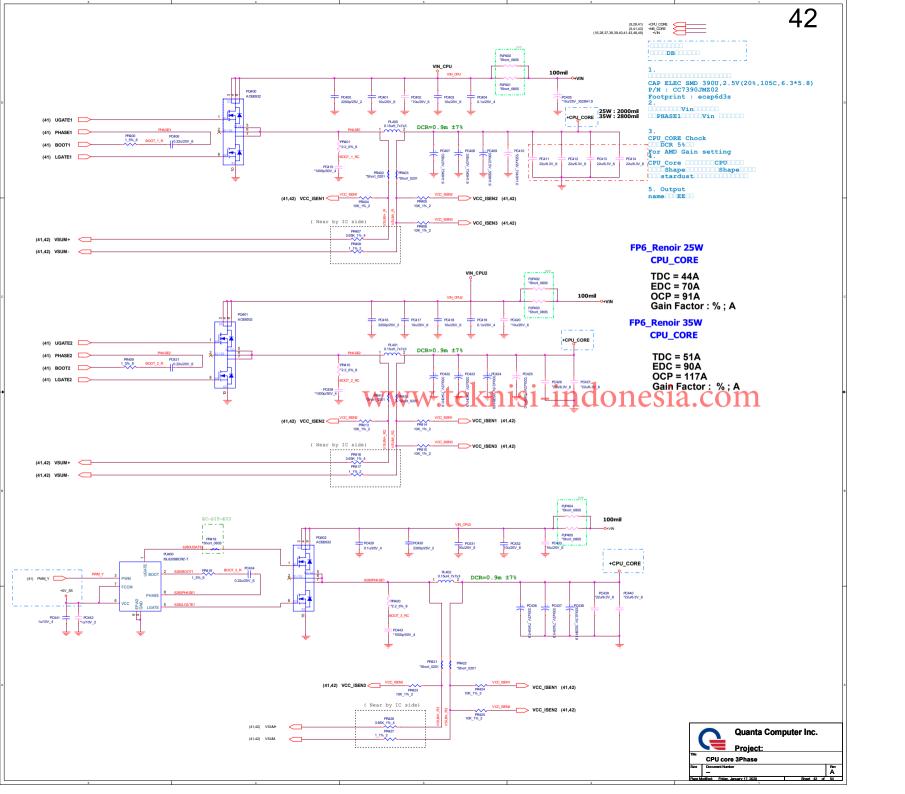
Others High Low OFF OFF

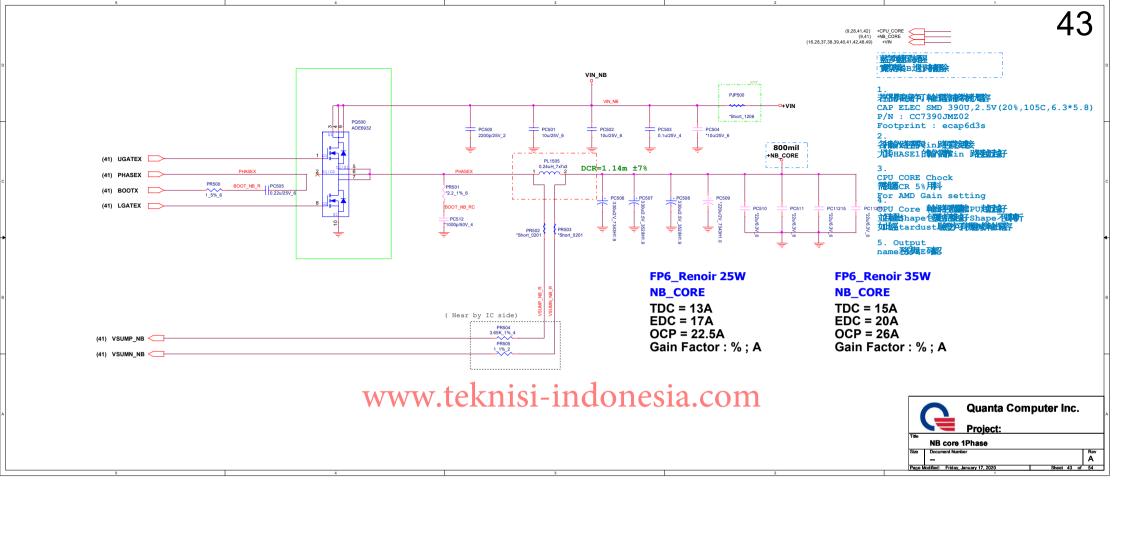
S4/S5 Low Low OFF

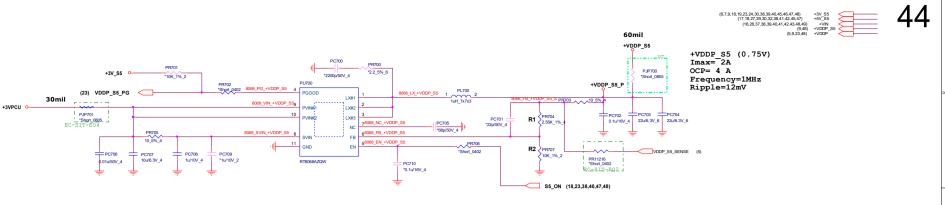
S3



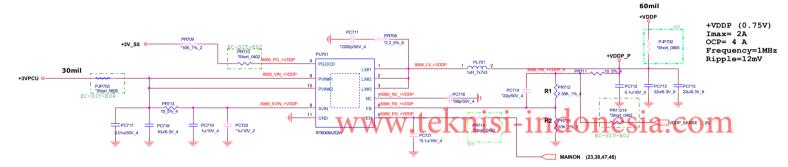






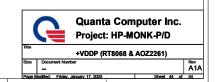


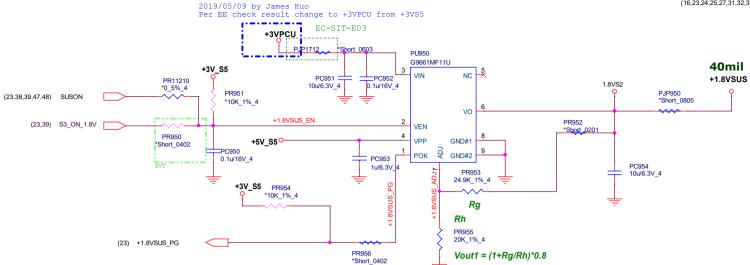
V0=0.6*(R1+R2)/R2



V0=0.6*(R1+R2)/R2

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+1.8VSUS Peak: 0.56A OCP: 3A

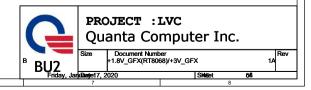
6.1. Recommended DC Operating Conditions

Parameter	Symbol	Min	Тур	Max	Unit	Note
Core Power 1	VDD1	1.70	1.80	1.95	V	1,2
Core Power 2 & CA Power	VDD2	1.06	1.10	1/17	TEX	1,2,3
I/O Buffer Power	VDDQ	0.57	0.60	0.65	٧	2,3

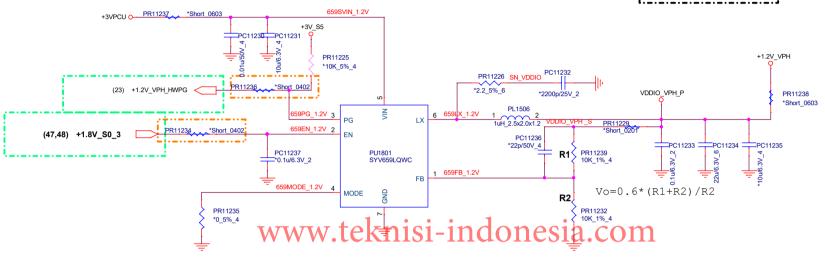
 While applying power (after Ta), RESET_n is recommended to be LOW (≤0.2 x VDD2) and all other inputs must be between VILmin and VIHmax. The device outputs remain at High-Z while RESET_n is held LOW. Power supply voltage ramp requirements are provided in Table "Voltage Ramp Conditions", VDD1 must ramp at the same time or earlier than VDD2. VDD2 must ramp at the same time or earlier than VDDQ.

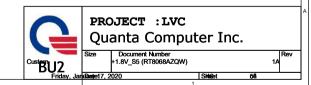
Table - Voltage Ramp Conditions

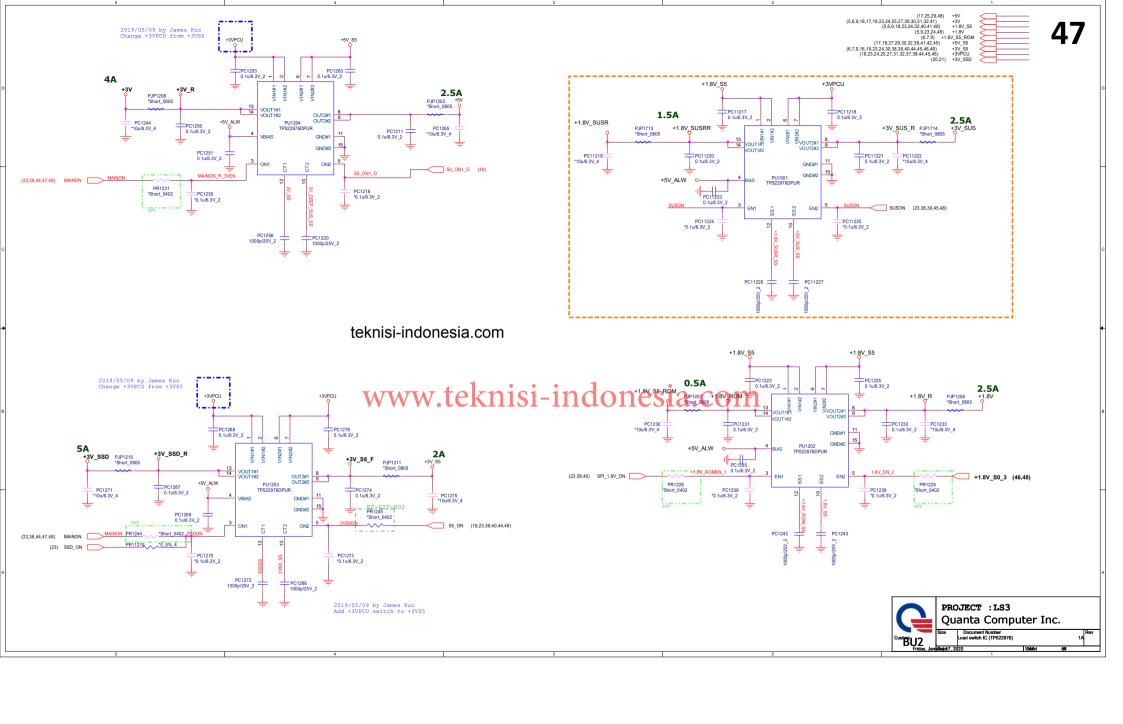
After	Applicable Conditions	
Ta is reached	VDD1 must be greater than VDD2	
Ta is reactied	VDD2 must be greater than VDDQ - 200mV	

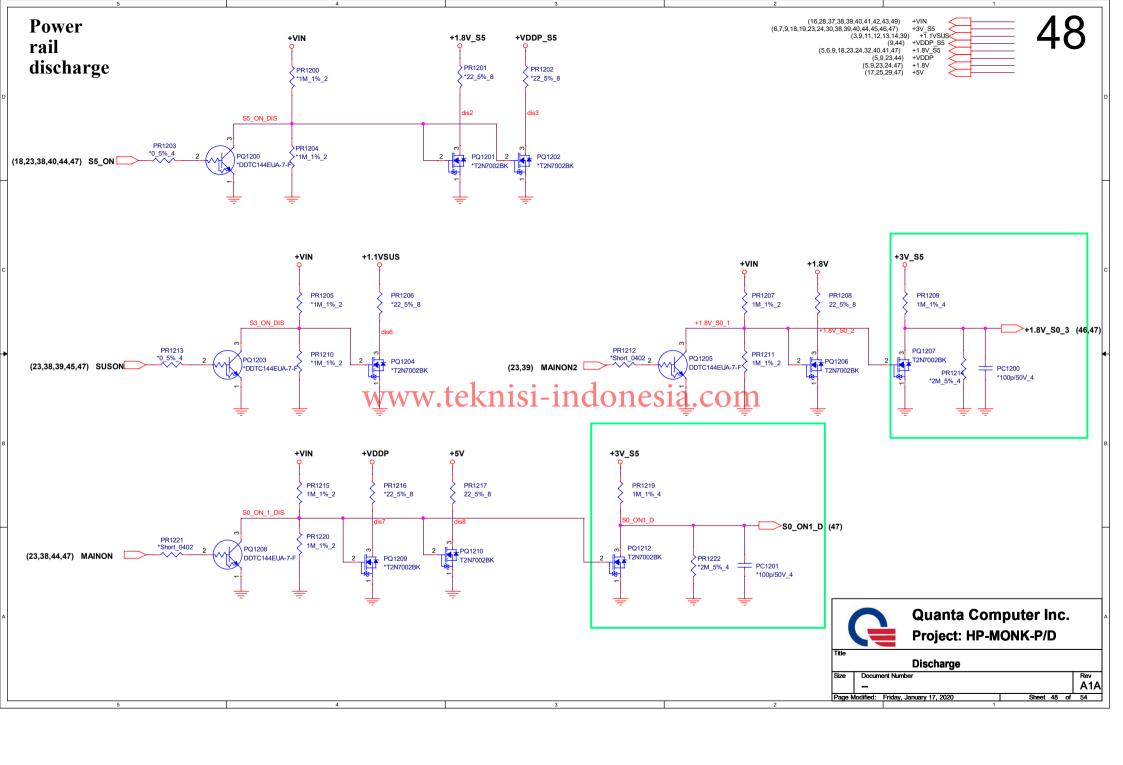


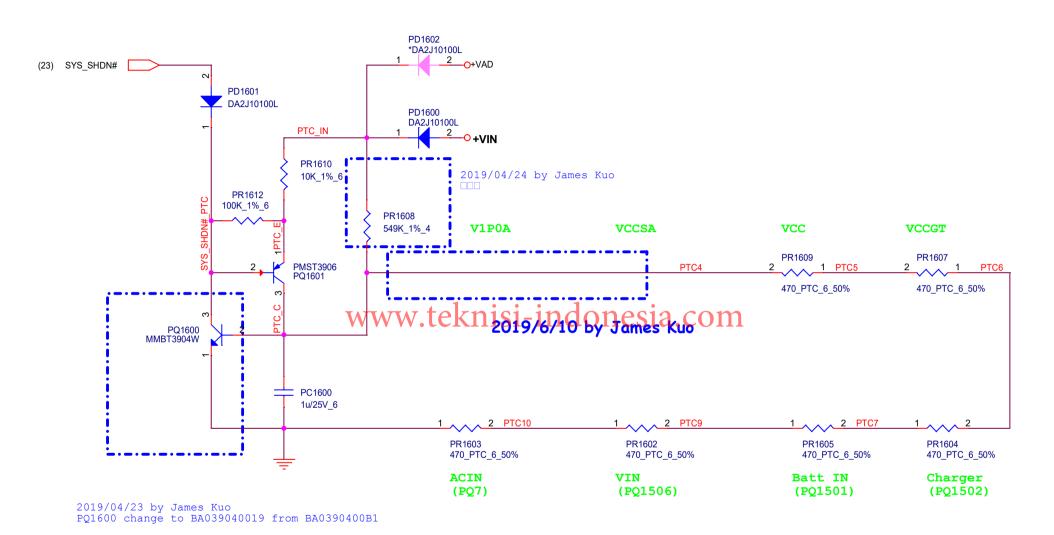
+1.2V_VDDIO_VPH Peak:1A OCP: 3A











PROJECT : LVC
Quanta Computer Inc.

Size Document Number PTC Circuit

1A Rev
1A

Friday, Jan Dayet 7, 2020
5 4 3 2

American companyAmerican companyAmer	F w.	I amenda	F	L franchisco	50
SecuritySecurity of the control of contro	No.	Change details Change SV 25 power valls enable to 25_00 and SV25 OR	Location/Description	Page Remark	
Section Sect					
SCHOOLSEDMINERALIZATION DESCRIPTION OF THE PROPERTY O					
SCHOOLSEDMINERALIZATION DESCRIPTION OF THE PROPERTY O	EC-EVT-E04	Change pintl pin 42 pin define for support RATA			
Section Sect	EC-EVT-E05	Change LFCCR4 CAP part number to CH4221E9804 0402 also		11,12,13,14	
Security of the control of the contr	EC-EVT-EGS		06452,06453		
March Marc		Change dual mos polar for oursest leakage		24,27	
	EC-EVT-EGS				
Control Cont			877986	6,24	
Company Comp	EC-EVT-E10	Add D6449 for IRCAN power control	06449	24	
Control Cont	EC-EVT-E11		R260	06	
	EC-EVT-E12	Add TF_INT# for Lemovo request of EM light off		23	
		And pull high MA, MR EVERT L	277080 277002	0.3	
			K	05	
		Change OFIC pin for AMD request and mate and	K11991, K11992		
Section Control Cont	EC-EVT-E17		877996		
Section Sect		change PN LED netrame and add 200 chm			
Control		Add Sinde to prevent leakage current	06468	6,23	
Control	EC-EVT-E20	change MMM DQRMI, il order for layouthouse sump modify		14	
Control Cont	EC-897-871			7	
SCHESTERN March State Common account 15 15 15 15 15 15 15 1					
SCORPEGE March M	EC-EVT-E23	change CM2100 pin define for follow common design	CN2100	16	
SCORPEGN Company Com					
C-077-032 American processes and an internal of any processes and any processes		change CM7720,CM7711 footprint	CM7720,CM7711	25,30	
C-077-032 American processes and an internal of any processes and any processes	EC-EVT-E26	change IICO, IICI power domain from 1.8V to 3.3V and remove level shifter		6,27	
E-COT-C-12 Compare the Column Control Control Column	EC-EVT-E27		<u> </u>		
Control Cont			1	29	
E-CPT-01 Comparation of Management Property Comparation Property Comparation Comparat	EC-EVT-E28	change FM light control	25003, 25003	25	
E-CPT-01 Comparation of Management Property Comparation Property Comparation Comparat	EC-EVT-E29	change NIMI NMI resister	R3501,R3502,R73503,R3504	17	
Section					
Compared	EC-EVT-E30	and pull up realater for MMRUS	R78006, R78007, R78008, R78009	29	
Section	EC-EVT-E31	change Audio DVDD-TD to 1.8Y		10	
Section	EC-202 231		<u> </u>		
E-C97-43		to avoid Ec lead code fail			
SC-077-322 Control of the contro					
E-077-032 Section 1000 Section 2000 Section	EC-EVT-E34			6,19	
EC-177-121 Company and the last of the present state PESC MESC	EC-EVT-E35	Add CPU CAF for stable CPU power		9	
EC-177-121 Company and the last of the present state PESC MESC		marter width for westings were in control to the		1	
C-177-252	_			31	
E-CPT-433	EC-FVT-E01	Change sensor bub to EDE power rails to support wake on TOP	R78042,R8108,Q6461	24	
E-CPT-433					
EC-177-121	EC-FVT-E02	Reserve Aufic PCM level shifter for Muv feature		24	
EC-177-415 Ones or species which is desired to expect tills Control	EC-FVT-E03	Change Speaker head to 0 ohn		10	
EC-177-415 Ones or species which is desired to expect tills Control	EC-207-204				
		Change PP costs pin deline	CN3201	27	
SC-077-232	EC-FVT-E05				
SC-777-433	EC-FVT-E06	Change PP power rails to SYPCU to support SED		27	
EC-197-121	EC-FVT-E07	Add EC pin to control dead battery function		32	
E-CP7-213	EC-FVT-EGS				
E-PF-21 Comment of an ext of parameters 18 18 18 18 18 18 18 1					
E-PF-21 Comment of an ext of parameters 18 18 18 18 18 18 18 1	EC-FVT-E09	Memove OFID67,76 for HW strip pin		6	
E-077-412				6	
E-777-13		change measur hub ISC interface location from EC		23	
E-777-13	EC-FVT-E10	change measur hub ISC interface location from EC			
Compared	EC-FVT-E10 EC-FVT-E11	change sensor hub ISC interface location from EC Reserve ES and E3 power value for support New Senters		18	
E-C-97-222 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-224 Assert to a strong control of the	EC-FVT-E11 EC-FVT-E11 EC-FVT-E12	change sensor hub ISC interface location from EC Reserve ES and E3 power value for support New Senters		18	
E-C-97-222 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-223 Assert to a strong control of the time E-C-97-224 Assert to a strong control of the	EC-FVT-E11 EC-FVT-E11 EC-FVT-E12	charge sensor hub IZC interface location from EC Because IS and ES power value for expect Not feature And AND_TORRESTRIPS to prevent restart issue		23	
EC-197-121	EC-FVT-E10 EC-FVT-E11 EC-FVT-E12 EC-FVT-E13	charge sense had IIC interface inoution from NC Necessery St and SI power ratio for expect Not feature Add AND_THEORYLIFF to present sentant incom- Charge thermal sensor SCT/TIME for AND NTIA.C		18 23 29	
EC-077-012	EC-FVT-E10 EC-FVT-E11 EC-FVT-E12 EC-FVT-E13 EC-FVT-E14	Change sensor had ID inverface location from ED MARKETS & SLEED FOR CONTROL OF THE PROPERTY OF CONTROL OF THE AND ANY THEORY TO PAPER AND ANY THE CHANGE SENSOR STYLES FOR STYLES Change Statement power calls have an ensure had		18 23 29 24	
EC-177-121 Common Performance and Common	EC-FVT-E10 EC-FVT-E11 EC-FVT-E12 EC-FVT-E13 EC-FVT-E14 EC-FVT-E15	Change sensor had IC interface limitine from EC Monter of the 22 peace calls for support more present and and interface Change themas sensor mitting for more than 2 Change themas sensor mitting for more than 2 Change themas sensor mitting for more state. Change themas sensor mitting for more states had Change TO reserve power calls came as memory had Change TO 7 reserve power calls came as memory had.		23 29 24 6	
Section Sect	EC-FVT-E10 EC-FVT-E11 EC-FVT-E12 EC-FVT-E13 EC-FVT-E14 EC-FVT-E15	Change sensor had IC interface limiting from EC Monter of the 22 peace calls for support more present and and income Change themas sensor mitting for more than 2 Change themas sensor mitting for more than 2 Change themas sensor mitting for more states had Change themas report and a monter had Change TO reserve power all is now as memory had Change TO reserve power all is now as memory had Change TO 700 which for EX best		23 29 24 6	
Section Sect	EC-FVT-E10 EC-FVT-E11 EC-FVT-E12 EC-FVT-E13 EC-FVT-E14 EC-FVT-E15 EC-FVT-E16	Change Senson box 100 Linearine Continue form 50 Senson Se		23 29 24 6	
E-CPT-022	EC-FVT-E10 EC-FVT-E11 EC-FVT-E12 EC-FVT-E13 EC-FVT-E14 EC-FVT-E15 EC-FVT-E16	Change desire has 12 interface traction from 52 Manager 25 and 25 pages 4011 5 and 25		23 29 24 6	
	EC-FVT-E10 EC-FVT-E11 EC-FVT-E12 EC-FVT-E13 EC-FVT-E16 EC-FVT-E16 EC-FVT-E17 EC-FVT-E17	Change desire has 12 interface traction from 52 Manager 25 and 25 pages 4011 5 and 25		18 22 29 24 6 6 23 24 24 24	
E-C-17-222	EC-FVT-E10 EC-FVT-E11 EC-FVT-E12 EC-FVT-E13 EC-FVT-E16 EC-FVT-E16 EC-FVT-E16 EC-FVT-E16 EC-FVT-E17	Change desire has 12 interface traction from 62 magnets and 12 mars of passes chairs of company that report of the company that r		23 29 24 6 6 22 24 24 24 24	
E-077-423	EC-FVT-E10 EC-FVT-E11 EC-FVT-E12 EC-FVT-E13 EC-FVT-E16 EC-FVT-E16 EC-FVT-E16 EC-FVT-E17 EC-FVT-E19 EC-FVT-E19 EC-FVT-E19	Company or the control of the control of the Company of the Compan		23 29 24 6 6 23 24 24 24 24 24 24 24 24 24 24 24 24 24	
E-077-224	EC-FV7-E11 EC-FV7-E12 EC-FV7-E13 EC-FV7-E13 EC-FV7-E14 EC-FV7-E15 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16	Change Sensor both TC interface traction from SC Margaret And SC goods and in Sensor SC and SC goods and in Sensor SC and SC goods and in		23 29 24 4 24 24 24 24 24 24 24 24 24 24 24 2	
E-077-224	EC-FV7-E11 EC-FV7-E12 EC-FV7-E13 EC-FV7-E13 EC-FV7-E14 EC-FV7-E15 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16 EC-FV7-E16	Change Sensor both TC interface traction from SC Margaret And SC goods and in Sensor SC and SC goods and in Sensor SC and SC goods and in		23 29 24 4 24 24 24 24 24 24 24 24 24 24 24 2	
E-797-221	EC-PV7-E10 EC-PV7-E11 EC-PV7-E13	Change desire but TE interface traction from ET Manager 25 and 25 pages 4014 Manager 25 pa		23 24 6 22 22 23 24 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	
10 10 10 10 10 10 10 10	EC-PVY-E10 EC-PVY-E11 EC-PVY-E13 EC-PVY-E13 EC-PVY-E13 EC-PVY-E14 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15	Change desire has the interface traction from the Manager of the Act of passed child in the company one. The passed child is a company one. The passed child is a company one. The passed child is a company of the comp		23 24 24 22 23 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	
E-077-021	EC-PVY-E10 EC-PVY-E11 EC-PVY-E13 EC-PVY-E13 EC-PVY-E13 EC-PVY-E14 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15 EC-PVY-E15	Manage season box 100 interface toutiles from 60 interface and 60 possess while a control of the first season of the first sea		23 24 24 22 23 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	
E-077-027	EC-PYT-E10 EC-PYT-E11 EC-PYT-E13 EC-PYT-E13 EC-PYT-E16 EC-PYT-E16 EC-PYT-E16 EC-PYT-E16 EC-PYT-E16 EC-PYT-E16 EC-PYT-E17	Manage season box 100 interface toutiles from 60 interface and 60 possess while a control of the first season of the first sea		23 24 6 6 22 24 24 24 24 25 25 25 25 25 25 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
10	EC-PYT-E19 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13 EC-PYT-E16 EC-PYT-E16 EC-PYT-E16 EC-PYT-E16 EC-PYT-E16 EC-PYT-E16 EC-PYT-E16 EC-PYT-E16 EC-PYT-E26 EC-PYT-E26 EC-PYT-E26 EC-PYT-E27	Manage season box 100 interface toutiles from 60 interface and 60 possess while a control of the first season of the first sea		23 24 6 6 22 24 24 24 24 25 25 25 25 25 25 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
E-017-0222	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E12 EC-PYT-E13 EC-PYT-E18	Manage season box 100 interface toutiles from 60 interface and 60 possess while a control of the first season of the first sea		23 24 6 6 22 24 24 24 24 25 25 25 25 25 25 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
20-11-023 Section was not be to compact function	EC-PYT-E24	Change Sensor has DE Interface Location From EE Sensor Annual Control of the Cont		23 24 6 6 22 24 24 24 24 25 25 25 25 25 25 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
E-015-202 Store Make Notices (Annual Annual Annu	DO-PYT-E10 DO-PYT-E11 DO-PYT-E12 DO-PYT-E13 DO-PYT-E14 DO-PYT-E15 DO-PYT-E16 DO-PYT	Change season but TC interface traction from EC Managers of a field of papers of the water of a field of papers of the Managers of the Managers of the Managers of		23 24 6 24 25 25 25 25 25 25 25 25 25 25 25 25 25	
E-017-020 Once #* power content for the region 27	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13 EC-PYT-E14 EC-PYT-E14 EC-PYT-E14 EC-PYT-E15	Change State of the Control of the State of		23 24 6 6 22 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	
EC-17-4200 Chapp TO LIZ Interior for expect PUTS spaces EC-17-4200 AND TO SEAS John DE EC-17-4200 AND TO SEAS SEAS JOHN DE EC-17-4200 AND TO SEAS SEAS AND TO SEASON DE EC-17-4200 AND TO SEAS SEAS AND TO SEASON DE EC-17-4200 AND TO SEAS SEAS AND TO SEASON DE EC-17-4200 AND TO SEAS SEAS AND TO SEASON DE EC-17-4200 AND TO SEAS SEAS AND TO SEASON DE EC-17-4200 AND TO SEAS SEAS AND TO SEASON DE EC-17-4200 AND TO SEAS SEAS SEAS SEAS SEAS SEAS SEAS SEA	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E12 EC-PYT-E13 EC-PYT-E13 EC-PYT-E14 EC-PYT-E15	Change season but the interface traction from the Manager and Annual Papers, and the Season and Sea		23 24 24 24 24 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
C-017-0212 Min or the latest to a depth of latest late	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13 EC-PYT-E13 EC-PYT-E13 EC-PYT-E14 EC-PYT-E16 EC-PYT-E16 EC-PYT-E17	SHARES SHARES AND THE ADMINISTRATION STATES OF THE SECONDARY AND T		23 24 4 24 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
20-017-0212 Ann was the incident from interest times 22 20-017-0212 Ann was the incident from interest times 5 27 28-017-0212 Ann was the incident from interest times 5 27 28-017-0212 Ann was the incident from interest times 5 27 28-017-0212 Ann was the incident from interest times 5 27 28-017-0212 Ann was the incident from interest times 5 29 29 20-017-0212 Ann was the incident from interest times 5 20 20 20 20 20 20 20 20 20 20 20 20 20	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13	Change Sensor both TOT Lotterform Continue From ST STREET, A. S.		18 23 29 29 24 24 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
E-0.17-EED on on one incidence on instance on the contract of	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13	Change Sensor both TOT Lotterform Continue From ST STREET, A. S.		18 23 29 29 24 24 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
EC-507-8211 ADD Cap for XERRITY E makes 6 EC-507-8212 Change MINI ICL, MA and dauging resistor 17	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13 EC-PYT-E14 EC-PYT-E15	Change Sensor both TC interface traction from EC Sensor and EC Sensor Se		23 24 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	
EC-217-EE12 Change HERI MILUHA and damping resister 17	EC-PYT-E10 EC-PYT-E12 EC-PYT-E13	Change State Same State Control Contro		23 24 4 24 23 23 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	
20-217-2113 All the first the first to the south 23	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13	Change State Same Same Same Same Same Same Same Sam		23 24 24 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13	Change Season both DE Interface Location From EE Season Se		23 24 4 24 23 23 23 24 4 24 25 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13	Change Season both DE Interface Location From EE Season Se		23 24 24 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13	Change Season both DE Interface Location From EE Season Se		23 24 24 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13	Change Season both DE Interface Location From EE Season Se		23 24 24 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13	Change Season both DE Interface Location From EE Season Se		23 24 24 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13	Change Season both DE Interface Location From EE Season Se		23 24 24 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13	Change Season both DE Interface Location From EE Season Se		23 24 24 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	
	EC-PYT-E10 EC-PYT-E11 EC-PYT-E12 EC-PYT-E13	Change Season both DE Interface Location From EE Season Se		23 24 24 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	



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