

OPEN EDGE BACKPLANE

FAB 2

REV: V2.00
DATE: 2018/07/12

PCB: DA0S9NTH8B0
PCBA: 37S9NPB0000

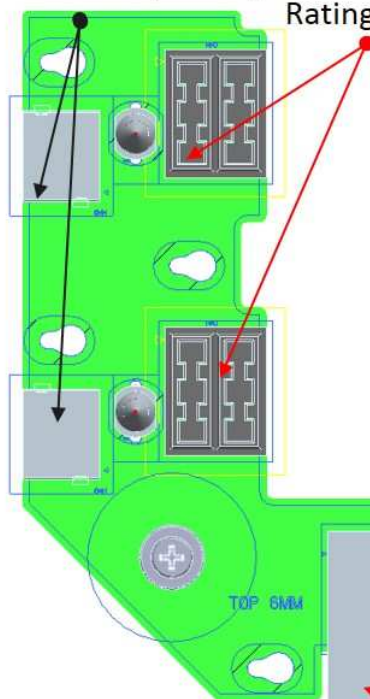
COVER

NOKIA

DEPARTMENT	DESIGNER	PROJECT	DOCUMENT NUMBER	REV
	REVIEWER	OPEN EDGE BP	N/A	2.00
SIZE C		DATE Thu Sep 20 19:45:47 2018		SHEET 1 OF 24

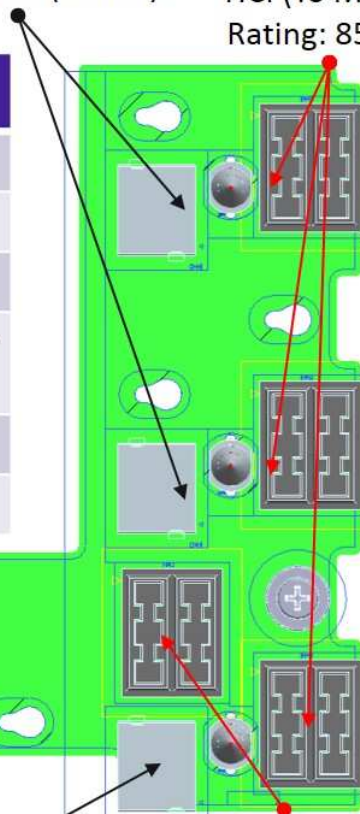
Dimension: W 257.5mm * L 115mm * T 2.3mm

AirMax VS2(To MB) HCI (To MB)
Rating: 85A



Items	To PDB	To Sled
Connector type	AirMax Power	HCI
Rating	Min 40A	85A
Quantity	5	1
PCB delivery	2 Oz 8 layers for power/GND	2 Oz 8 layers for power/GND
Risk	No	No

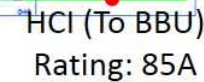
AirMax VS2 (To MB) HCI (To MB)
Rating: 85A



AirMax VS2 (To PDB)

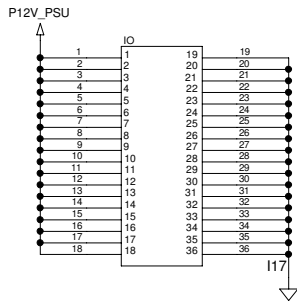
AirMax VS2 (To MB)

HCI (To BBU)
Rating: 85A



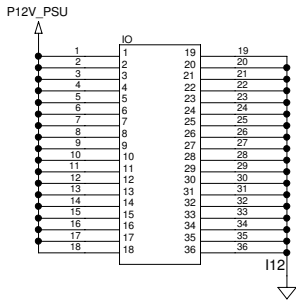
TO SLED4

THLF
CONN36_10078768-001LHLF
J6



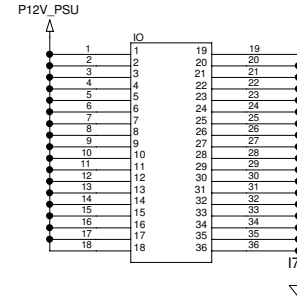
TO SLED2

THLF
CONN36_10078768-001LHLF
J4



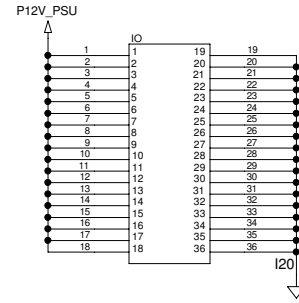
TO SLED5

THLF
CONN36_10078768-001LHLF
J1



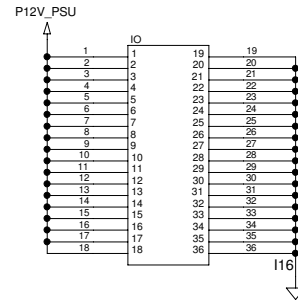
TO SLED3

THLF
CONN36_10078768-001LHLF
J5



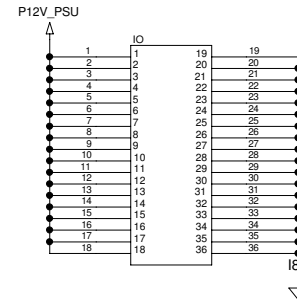
TO BBU

THLF
CONN36_10078768-001LHLF
J3



TO SLED1/BBU

THLF
CONN36_10078768-001LHLF
J2



	7	6	5	4	3	2	1
E							
D							
C							
B							
A							
BLANK							
	7	6	5	4	3	2	1

7

6

5

4

3

2

1

E

3

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1

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1

BLANK



DEPARTMENT

DESIGNER

REVIEWER

PROJCT	
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OPEN EDGE BP

SIZE	C
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C	DATE
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TE Thu Sep 20 19:58:34 2018

DOCUMENT NUMBER

	N/A
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REV

2.00

SHEET 6 OF 24

7

6

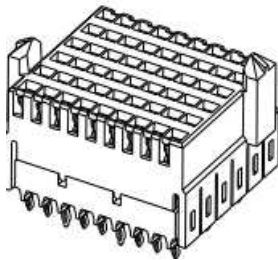
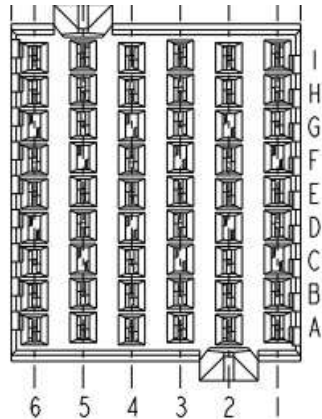
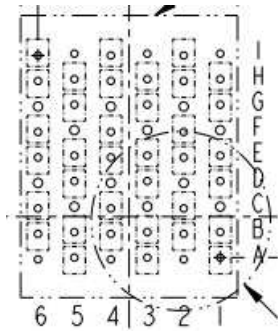
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4

3

2

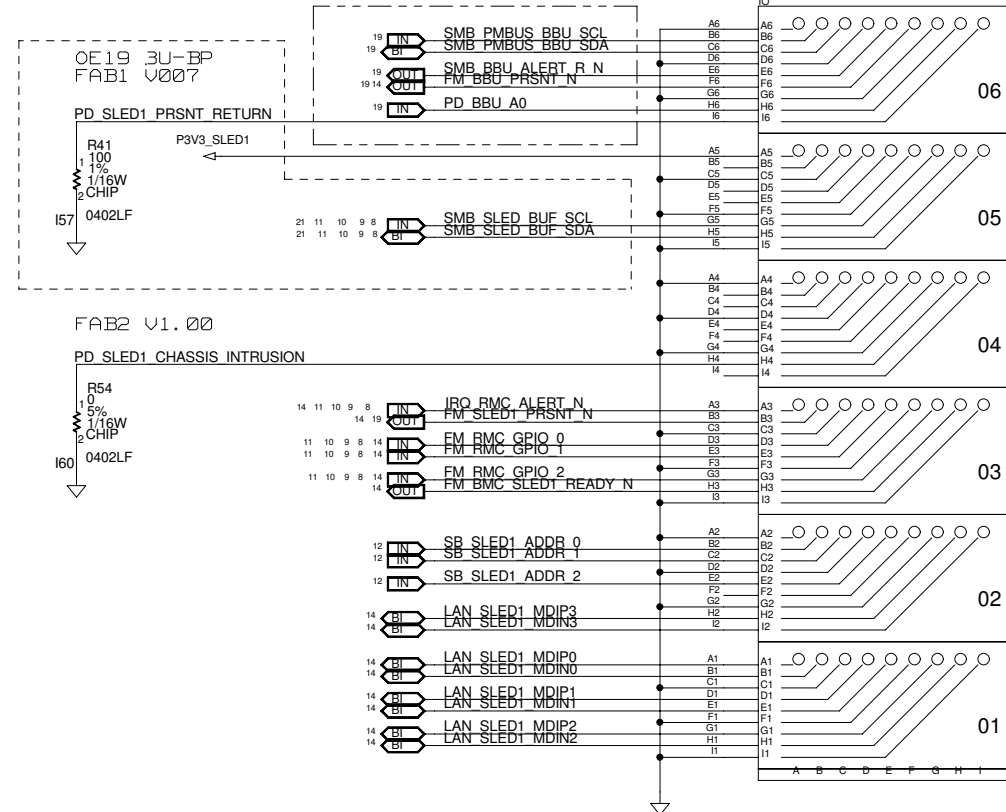
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TO SLED1 (OR BBU)

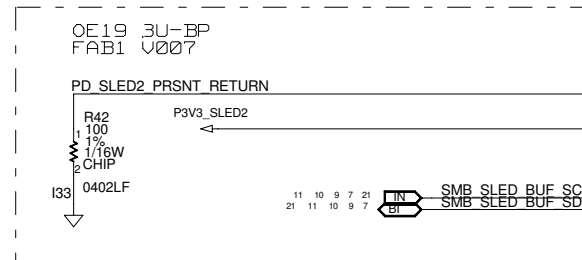
THLF
CONN54_10130665-102LF
J7

BBU SB ONLY



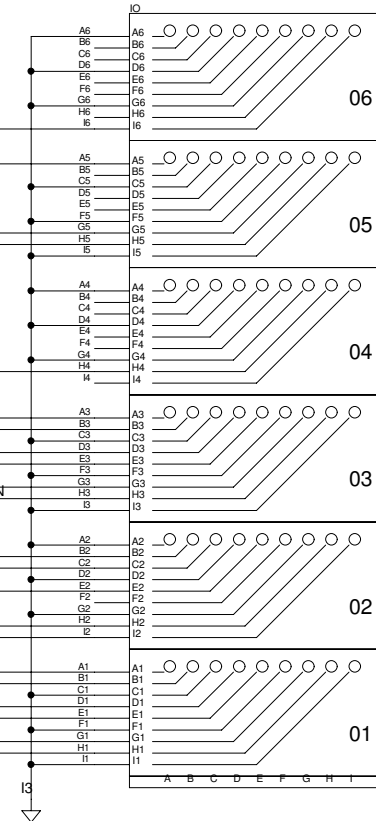
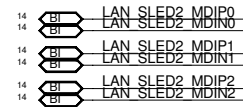
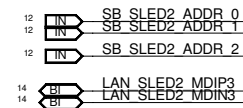
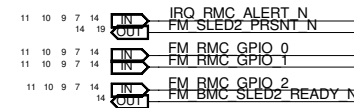
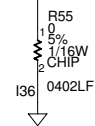
TO SLED2

THLF
CONN54_10130665-102LF
J9



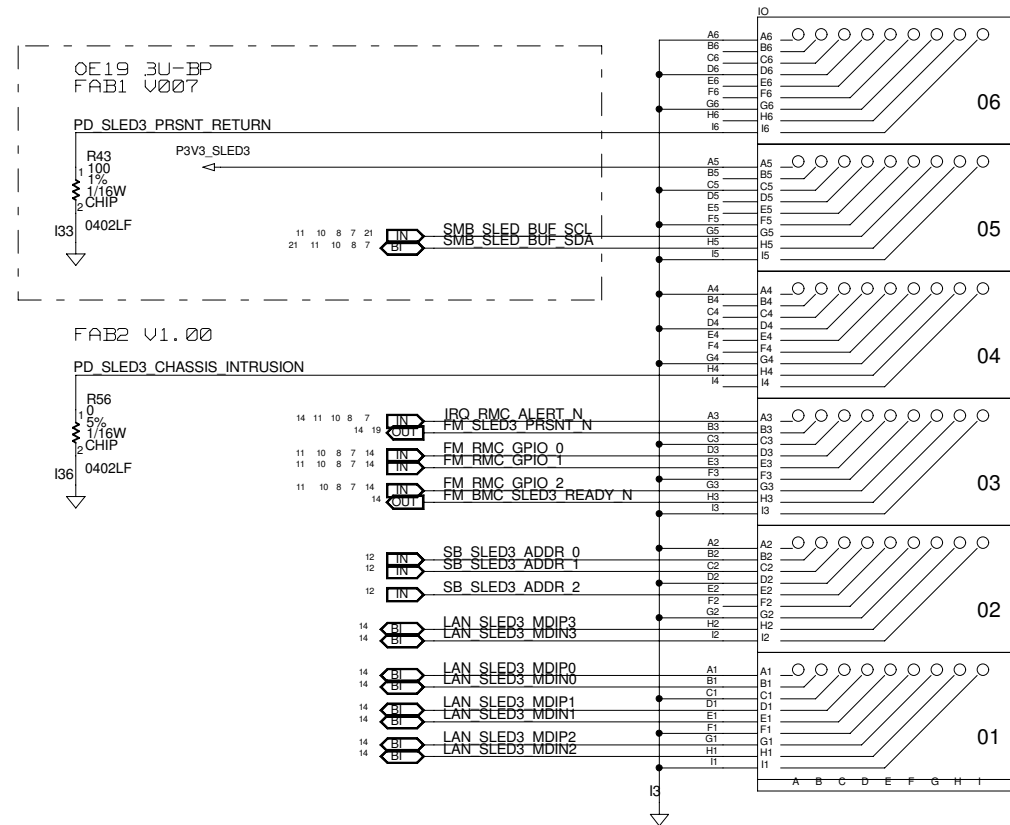
FAB2 V1.00

PD SLED2 CHASSIS INTRUSION



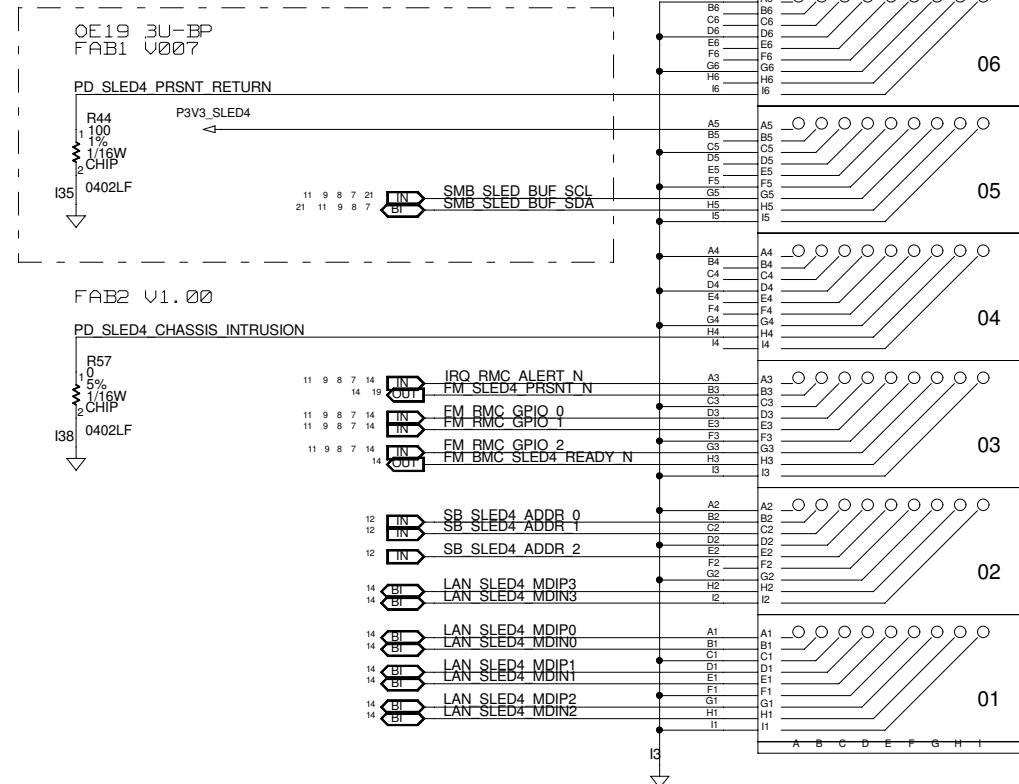
TO SLED3

THLF
CONN54_10130665-102LF
J10



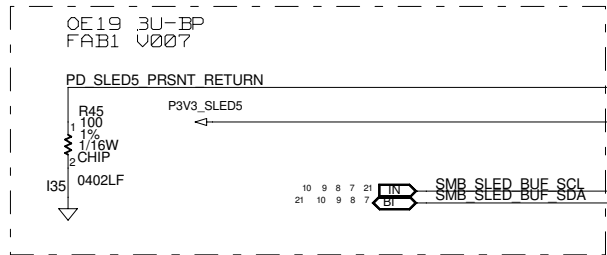
TO SLED4

THLF
CONN54_10130665-102LF
J11

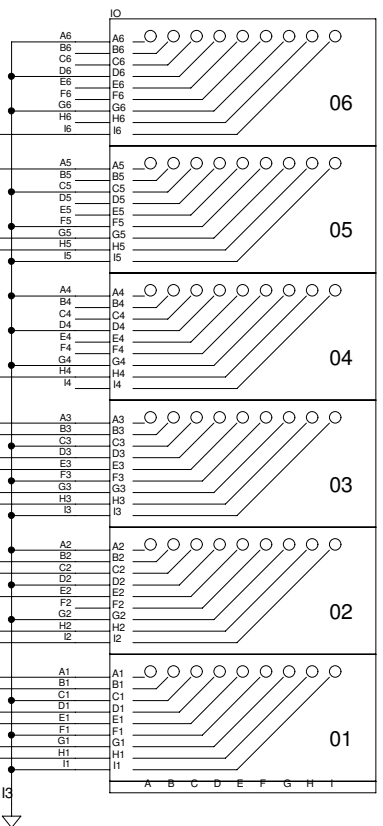
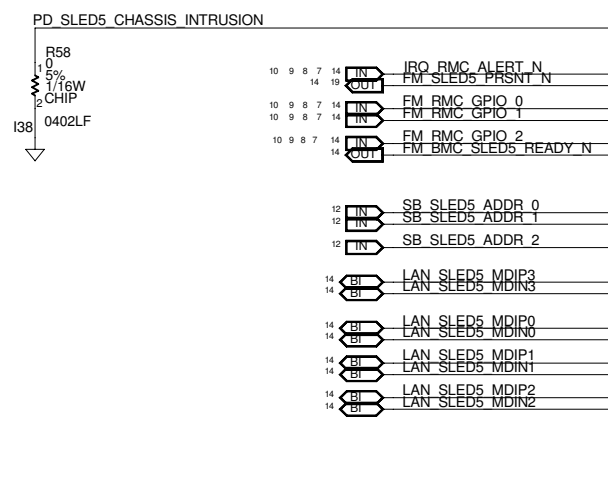


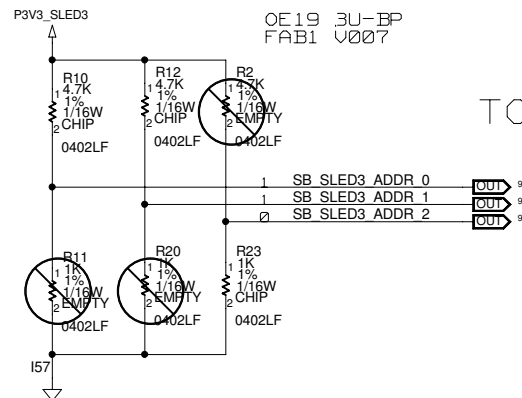
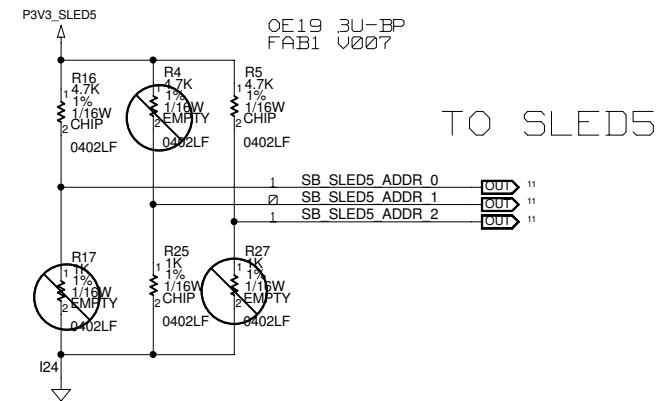
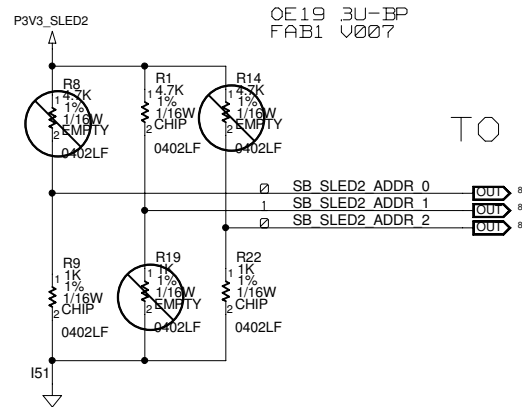
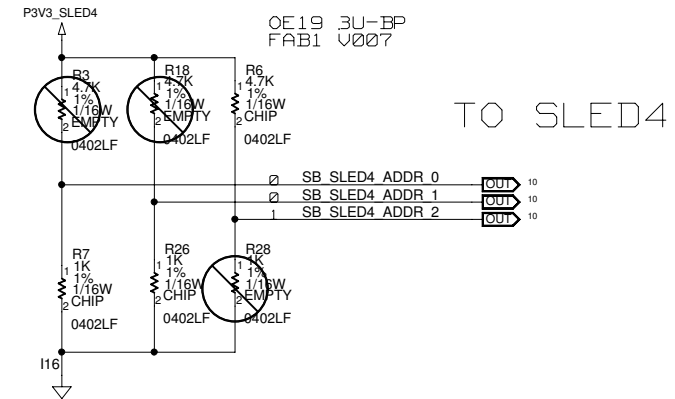
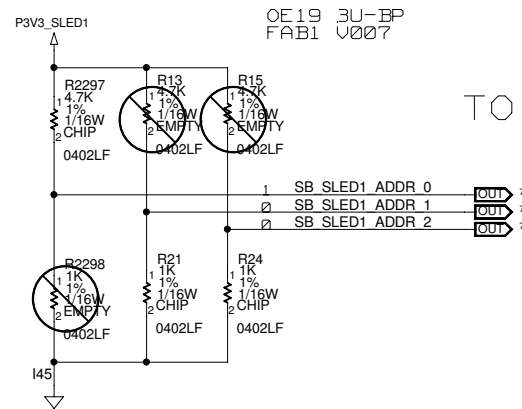
TO SLED5

THLF
CONN54_10130665-102LF
J12



FAB2 V1.00





E

D

C

B

A

E

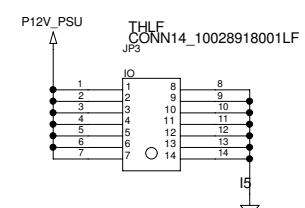
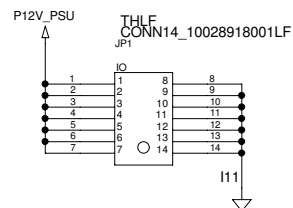
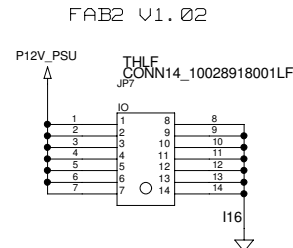
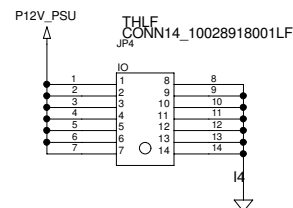
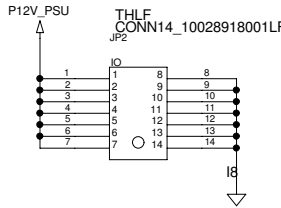
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C

B

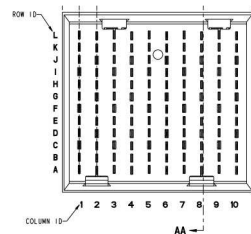
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7 6 5 4 3 2 1

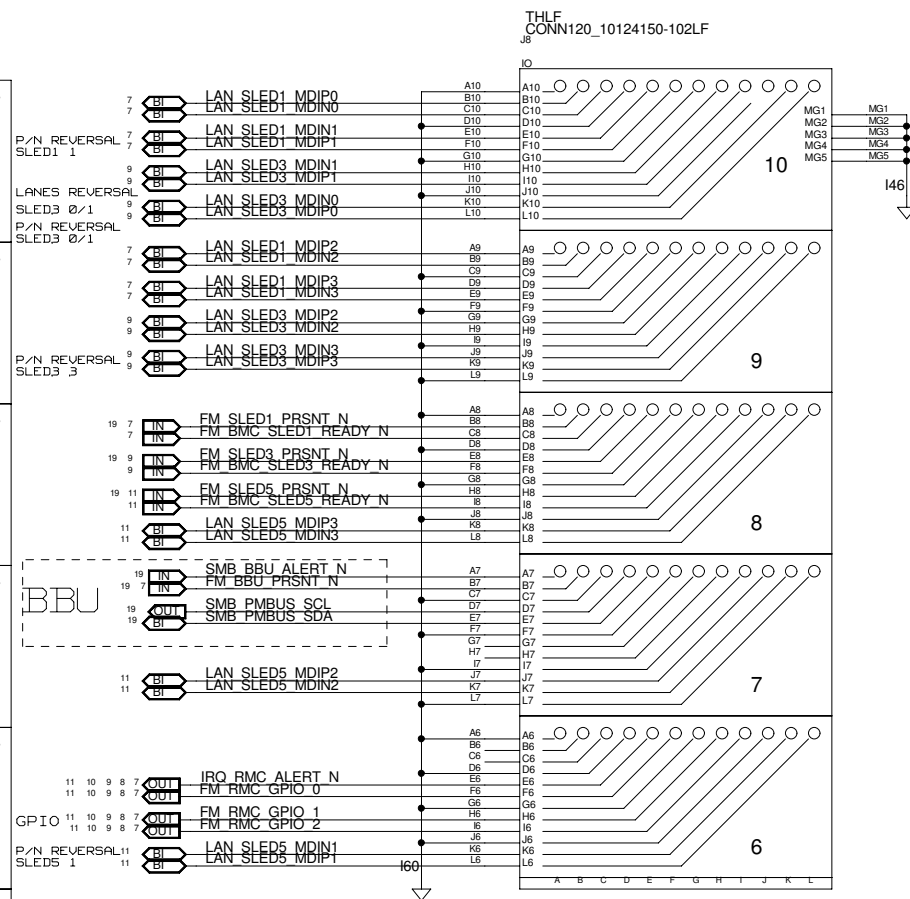
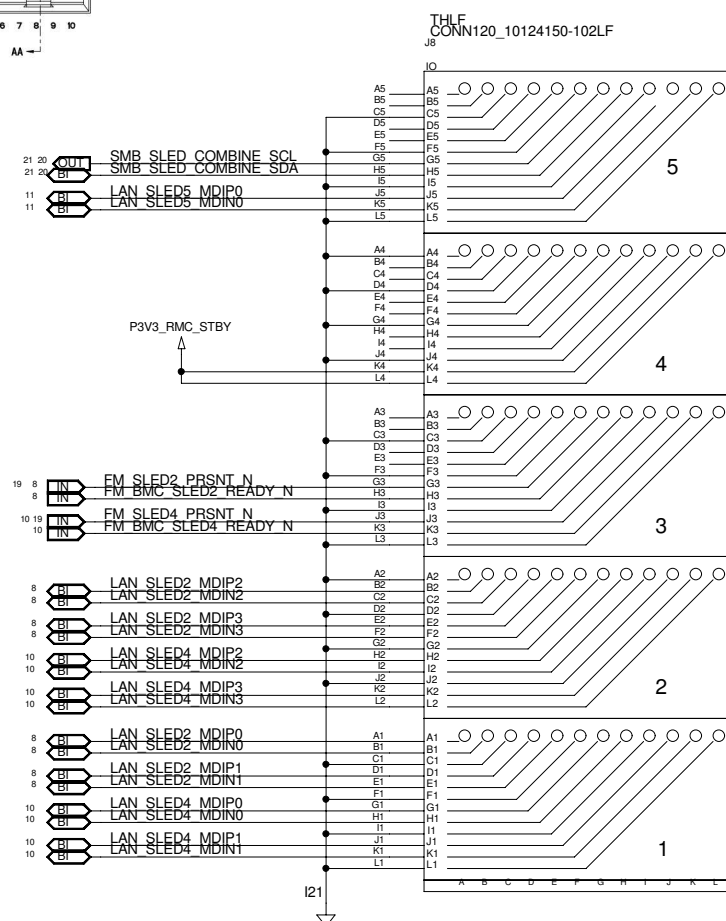


AIRMAX POWER (FROM PDB)

7 6 5 4 3 2 1



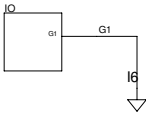
FROM PDB



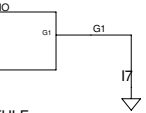
DESIGN NOTE:

DETAIL [B] * 5PCS

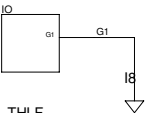
THLF
CONN1_D11402-200000-Z1
J41



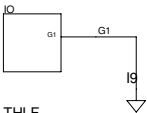
THLF
CONN1_D11402-200000-Z1
J38



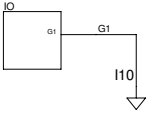
THLF
CONN1_D11402-200000-Z1
J37

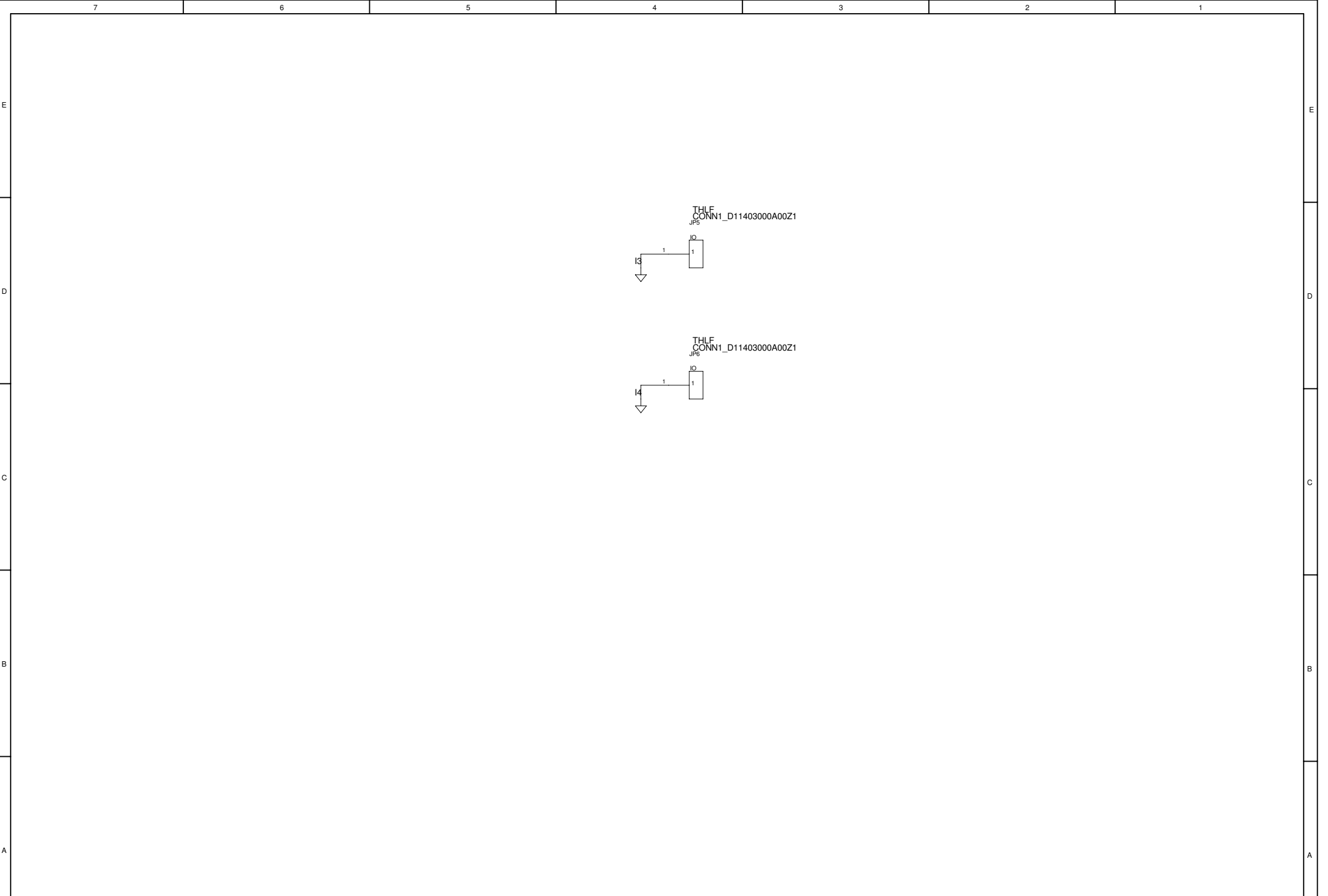


THLF
CONN1_D11402-200000-Z1
J39

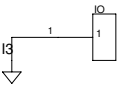


THLF
CONN1_D11402-200000-Z1
J40

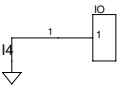




THLF
CONN1_D11403000A00Z1
JP5



THLF
CONN1_D11403000A00Z1
JP6



E

D

C

B

A

E

D

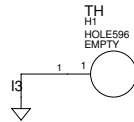
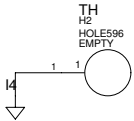
C

B

A

DESIGN NOTE:

DETAIL [C] * 2PCS



BOM NOTE:

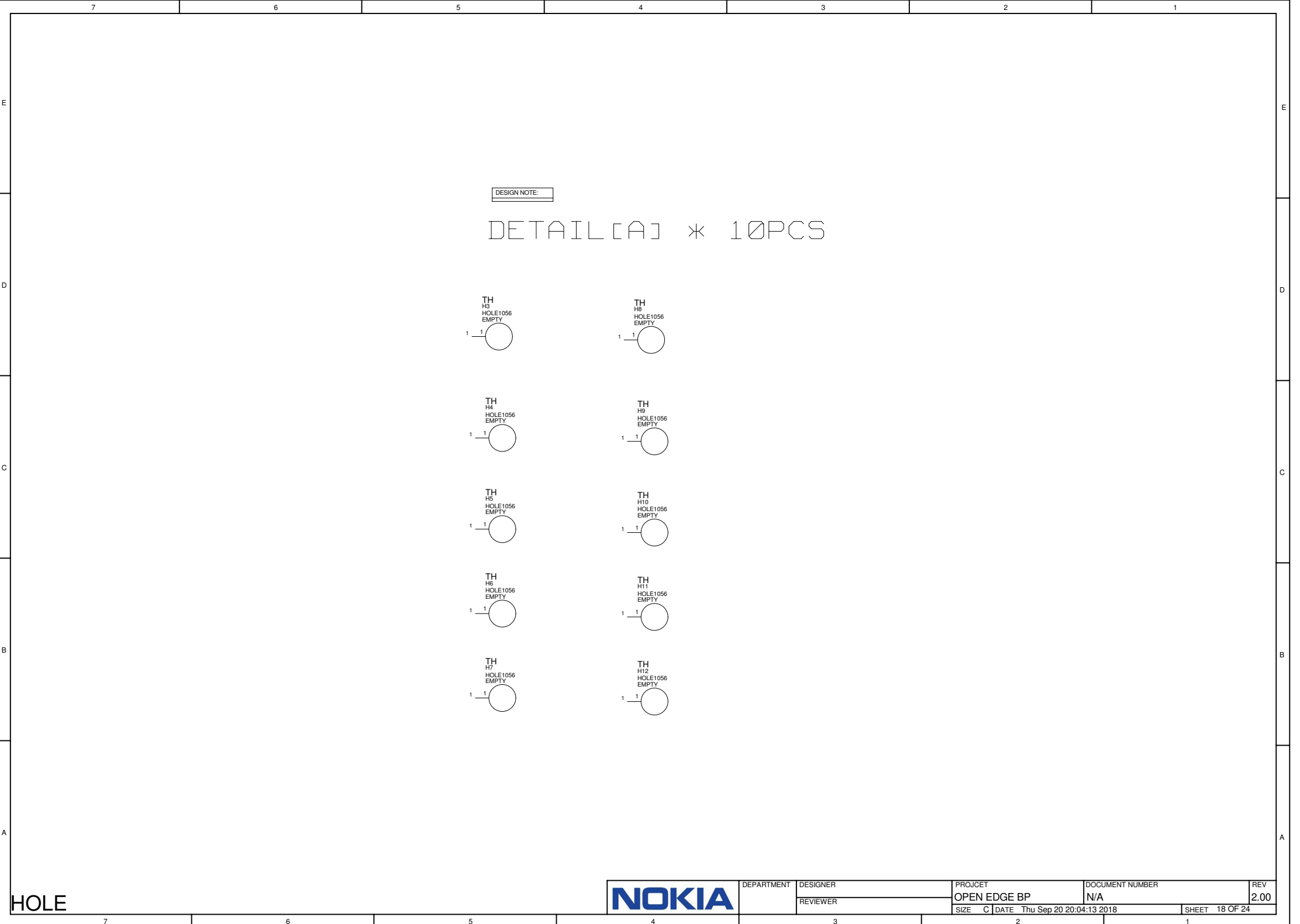
DESIGN NOTE:

FBF0626.3010 * 2 PCS
NODE PDB THUMB SCREW S2P (FBS2P096, 3D) BLUE

THUMB SCREW

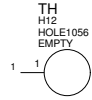
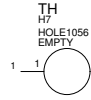


DEPARTMENT	DESIGNER	PROJECT	DOCUMENT NUMBER	REV
	REVIEWER	OPEN EDGE BP	N/A	2.00
SIZE C		DATE Thu Sep 20 20:04:12 2018	SHEET 17 OF 24	



DESIGN NOTE:

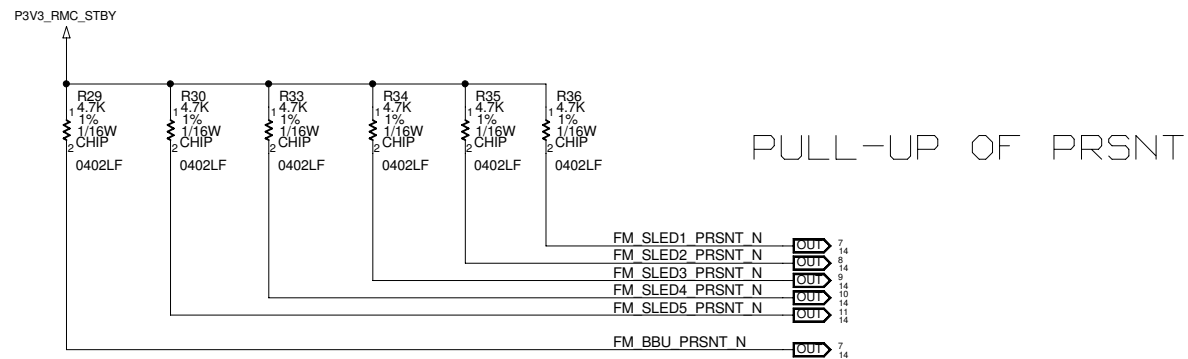
DETAIL[A] * 10PCS



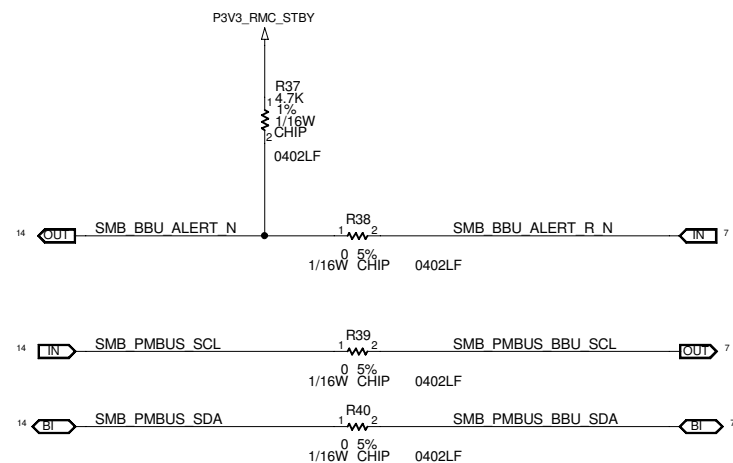
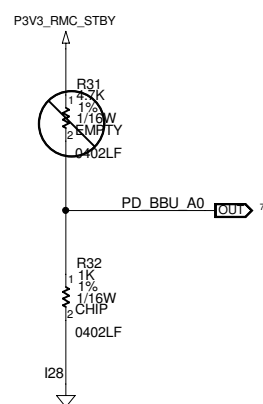
HOLE



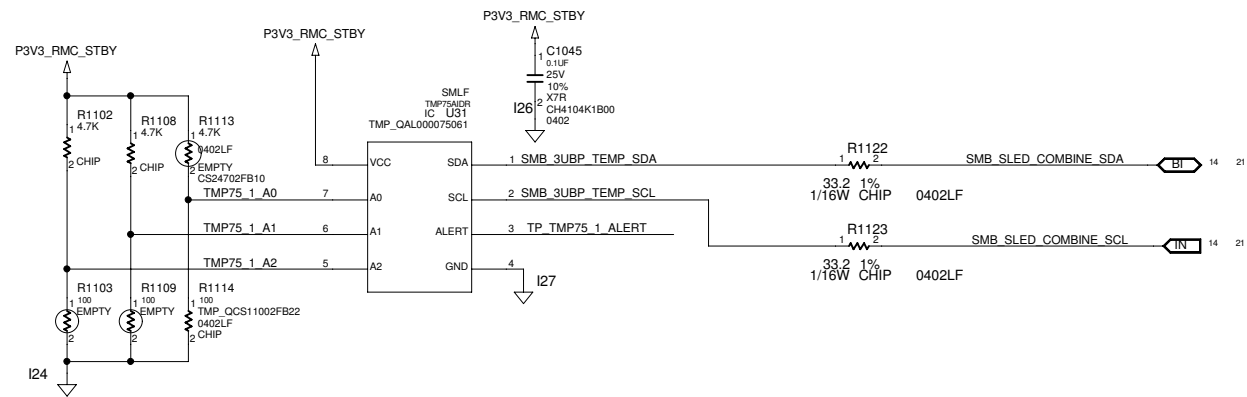
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	REVIEWER	OPEN EDGE BP	N/A	2.00		
SIZE		C	DATE	Thu Sep 20 20:04:13 2018	SHEET	18 OF 24
3		2			1	



TO BBU ADDRESS



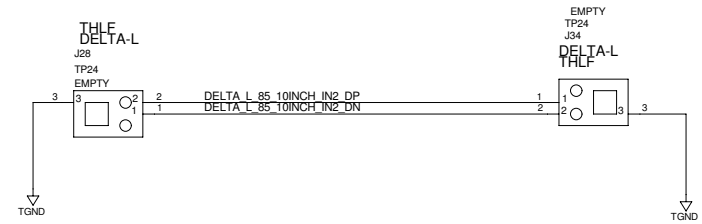
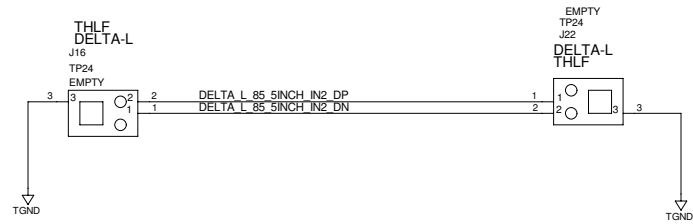
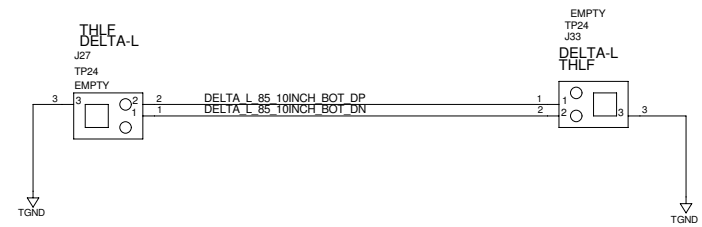
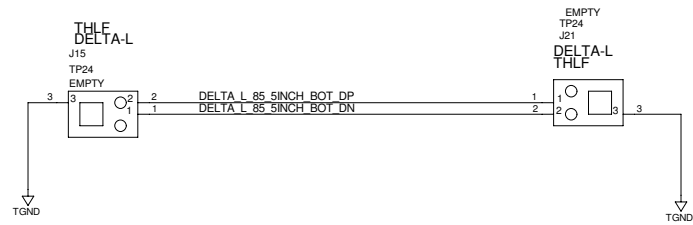
SMBUS ADDRESS: 0X9C THERMAL SENSOR



<div>7</div> <div>QUANTA_LOGO QCT_LOGO</div> <div>E</div>	<div>6</div> <div>WEEE</div> <div>MECH WEEE DM2 DUMMY2 EMPTY DUMMY_SYMBOL 1</div>	<div>5</div> <div>PB-E1</div> <div>MECH PB-E1_SMALL DM3 DUMMY3 EMPTY DUMMY_SYMBOL 1</div>	<div>4</div> <div>PCBA_LABEL</div> <div>MECH PCBA_LABEL_15X5 DM4 DUMMY4 MECH DUMMY_SYMBOL 1</div>	<div>3</div> <div>BIOS-BMCLABEL</div>	<div>2</div> <div>BARCODE</div> <div>MECH BARCODE_20X6 DM6 DUMMY15 MECH DUMMY_SYMBOL 1</div> <div>MECH BARCODE_20X6 DM7 DUMMY15 MECH DUMMY_SYMBOL 1</div>	<div>1</div> <div>PCB_VENDOR_LOGO</div> <div>MECH PCB_VENDOR_LOGO_15X8 DM6 DUMMY7 EMPTY DUMMY_SYMBOL 1</div> <div>E</div>
<div>BMC_FLASH</div> <div>D</div>	<div>BIOS_FLASH</div>	<div>MECHANIC_SYMBOL</div>	<div>HEATSINK</div>	<div>BATTERY_SYMBOL</div>	<div>PICKUP_SYMBOL</div>	<div>PICKUP_SYMBOL</div> <div>D</div>
<div>CBS_SYMBOL</div> <div>C</div>	<div>TOOLING-HOLE SYMBOL</div> <div>TH H13 DUMMY50 EMPTY 1 1</div> <div>TH H14 DUMMY50 EMPTY 1 1</div> <div>FAB2 V1.01</div>					<div>C</div>
<div>B</div>						<div>B</div>
<div>OE19 3U-BP FAB1 V009</div> <div>A</div> <div>UNTITLED</div> <div>7</div>	<div>6</div>	<div>5</div>	<div>4</div>	<div>3</div>	<div>2</div>	<div>1</div> <div>A</div>
			<div>NOKIA</div>	<div>DEPARTMENT BU9</div>	<div>DESIGNER NAME</div> <div>REVIEWER NAME</div>	<div>PROJCT OPEN EDGE BP</div> <div>DOCUMENT NUMBER N/A</div> <div>SIZE C DATE Thu Sep 20 20:03:57 2018</div> <div>REV 2.00</div> <div>SHEET 22 OF 24</div>

5 INCH

10 INCH



E

D

C

B

A

E

D

C

B

A

BOM NOTE:

MS.30050I070 *2PCS SCREW_M.30L50_NWI
MM.30040BCI5 *5PCS SCREW_M.30L40_NWB

SCREW HOLE & LABEL



DEPARTMENT	DESIGNER	PROJECT	DOCUMENT NUMBER		REV		
	REVIEWER	OPEN EDGE BP	N/A		2.00		
		SIZE	C	DATE	Thu Sep 20 20:04:14 2018	SHEET	24 OF 24
3		2			1		