

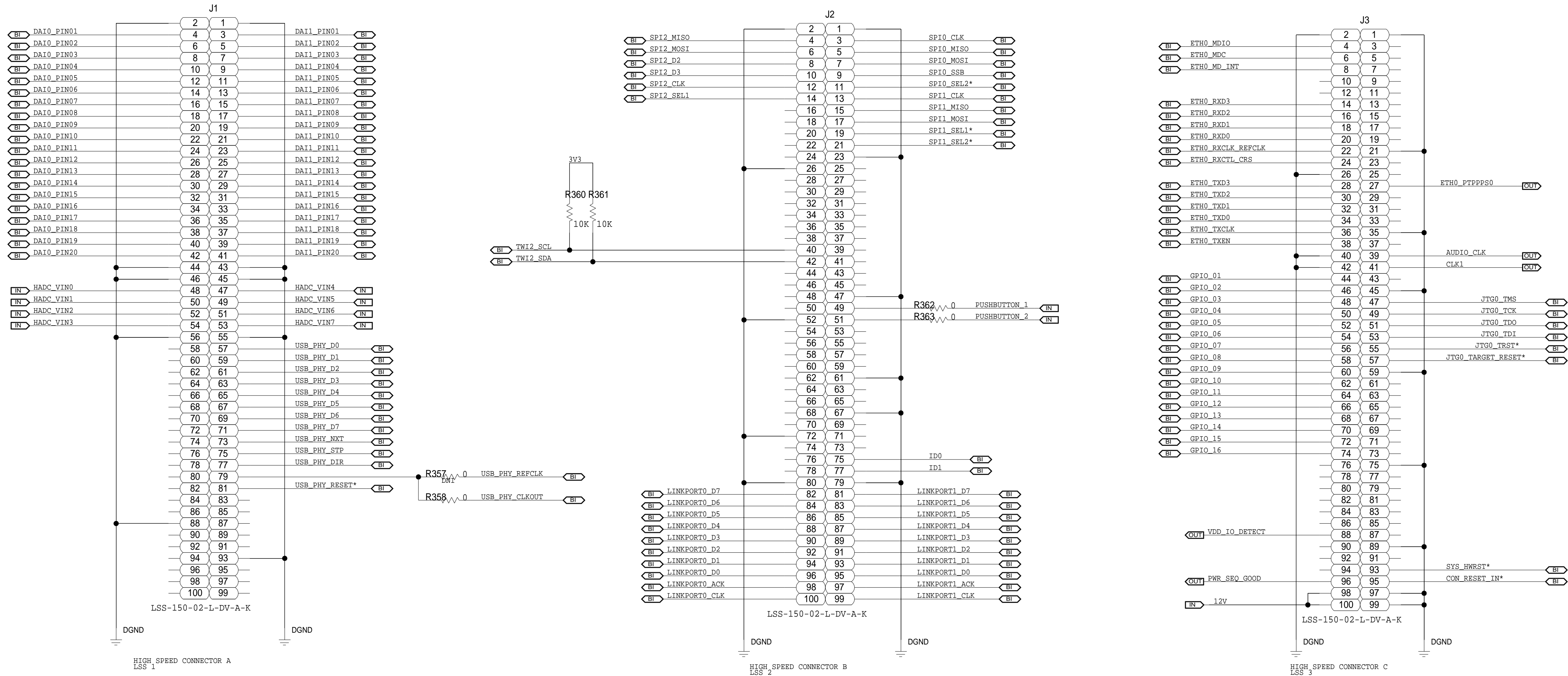
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|---------------------|---|---------|---------------|----------|-----------|---|--|---|-----|----|-----|---|--|---|---|--|--|---|--|--|---|--|--|---|--|--|--|--|--|--|--|--|--|--|--|-----|-------------|------|----------|---|-----------------|---------|---------------|---|--------------------------|---------|---------------|---|--------------------------|---------|---------------|---|--------------------------|---------|---------------|
| 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | <div>THIS DRAWING IS THE PROPERTY OF ANALOG DEVICES INC. IT IS NOT TO BE REPRODUCED OR COPIED, IN WHOLE OR IN PART, OR USED IN FURNISHING INFORMATION TO OTHERS, OR FOR ANY OTHER PURPOSE DETRIMENTAL TO THE INTERESTS OF ANALOG DEVICES. THE EQUIPMENT SHOWN HEREON MAY BE PROTECTED BY PATENTS OWNED OR CONTROLLED BY ANALOG DEVICES.</div> | | | | | <div>JUMPER TABLE</div> <table><tr><td>JP#</td><td>ON</td><td>OFF</td></tr><tr><td>1</td><td></td><td></td></tr><tr><td>2</td><td></td><td></td></tr><tr><td>3</td><td></td><td></td></tr><tr><td>4</td><td></td><td></td></tr><tr><td>5</td><td></td><td></td></tr></table> <div>* SEE ASSEMBLY INSTRUCTIONS</div> | | | JP# | ON | OFF | 1 | | | 2 | | | 3 | | | 4 | | | 5 | | | <div>REVISIONS</div> <table><tr><td>REV</td><td>DESCRIPTION</td><td>DATE</td><td>APPROVED</td></tr><tr><td>A</td><td>INITIAL RELEASE</td><td>28MAR22</td><td>D. HARRINGTON</td></tr><tr><td>B</td><td>CHANGE AS PER ECR-110216</td><td>10NOV22</td><td>D. HARRINGTON</td></tr><tr><td>C</td><td>CHANGE AS PER ECR-113297</td><td>08MAR23</td><td>D. HARRINGTON</td></tr><tr><td>D</td><td>CHANGE AS PER ECR-114185</td><td>12MAY23</td><td>D. HARRINGTON</td></tr></table> | | | | | | | | | REV | DESCRIPTION | DATE | APPROVED | A | INITIAL RELEASE | 28MAR22 | D. HARRINGTON | B | CHANGE AS PER ECR-110216 | 10NOV22 | D. HARRINGTON | C | CHANGE AS PER ECR-113297 | 08MAR23 | D. HARRINGTON | D | CHANGE AS PER ECR-114185 | 12MAY23 | D. HARRINGTON |
| | | | | | | | | | JP# | ON | OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| REV | DESCRIPTION | DATE | APPROVED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | INITIAL RELEASE | 28MAR22 | D. HARRINGTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | CHANGE AS PER ECR-110216 | 10NOV22 | D. HARRINGTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | CHANGE AS PER ECR-113297 | 08MAR23 | D. HARRINGTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | CHANGE AS PER ECR-114185 | 12MAY23 | D. HARRINGTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RELAY CONTROL CHART | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CONTROL | CODE | DEVICE | FUNCTION | CONNECTOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| P.O SPEC. | BK/BD SPEC. | SOCKET OEM | OEM PART# | HANDLER |

| | | | | | | | | |
|--------------------------------|--|-----------------|---|--------------|---|---------------|----------------|--|
| TEMPLATE ENGINEER - | | DATE 28MAR22 | SCHEMATIC | | <div><div></div>ANALOG DEV ICES</div> | | | |
| HARDWARE SERVICES M. VICEDO | | 28MAR22 | | | | | | |
| HARDWARE SYSTEMS - | | | | | | | | |
| TEST ENGINEER - | | | | | | | | |
| COMPONENT ENGINEER A. GIRON | | 28MAR22 | | | | | | |
| TEST PROCESS - | | | HW TYPE : Customer Evaluation Z Product(s): SOM : SOM Carrier PACKAGE : LeadCount-lead BodySize PackageType-family : Pitch-pitch StyleVendor Style <User Define> <User Define> <User Define> | | | | | |
| HARDWARE RELEASE K. JABATAN | | 28MAR22 | | | | | | |
| DESIGNER M. VICEDO | | 28MAR22 | | | | | | |
| PTD ENGINEER D. HARRINGTON | | 28MAR22 | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | DRAWING NO. 02_070361 | | REV. D | |
| CHECKER - | | | TOLERANCES | | | | | |
| | | | DECIMALS X.XX +0.010 X.XXX +-0.005 | | FRACTIONS +/-1/32 | | ANGLES +/-2 | |
| | | | SIZE D | SCALE 1:1 | CODE ID NO. CodeID | SHEET 1 OF 13 | | |

SOM INTERFACE

| REVISIONS | | | |
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| REV | DESCRIPTION | DATE | APPROVED |
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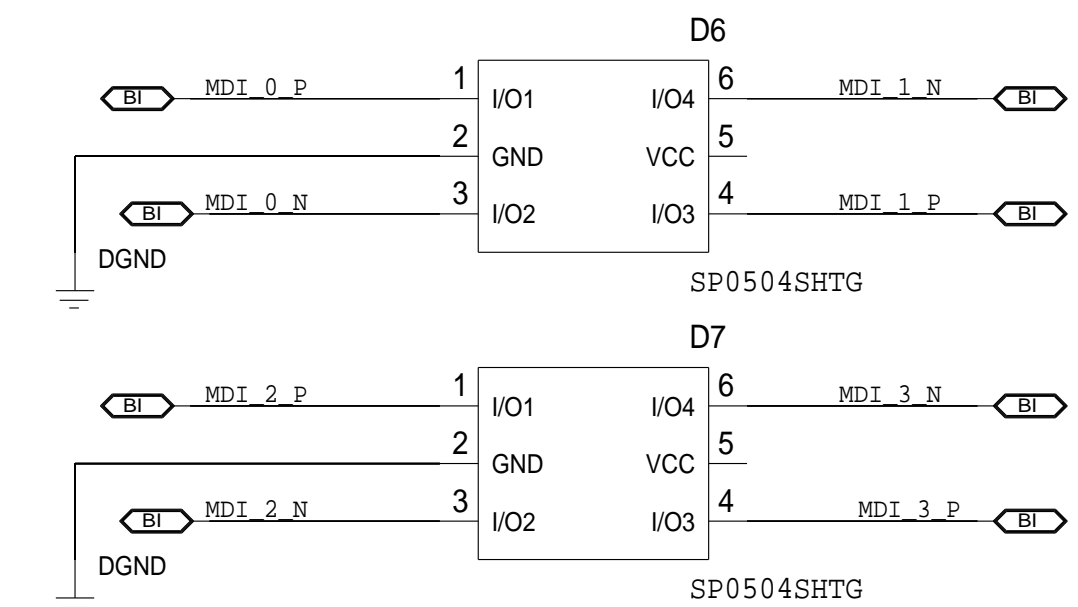
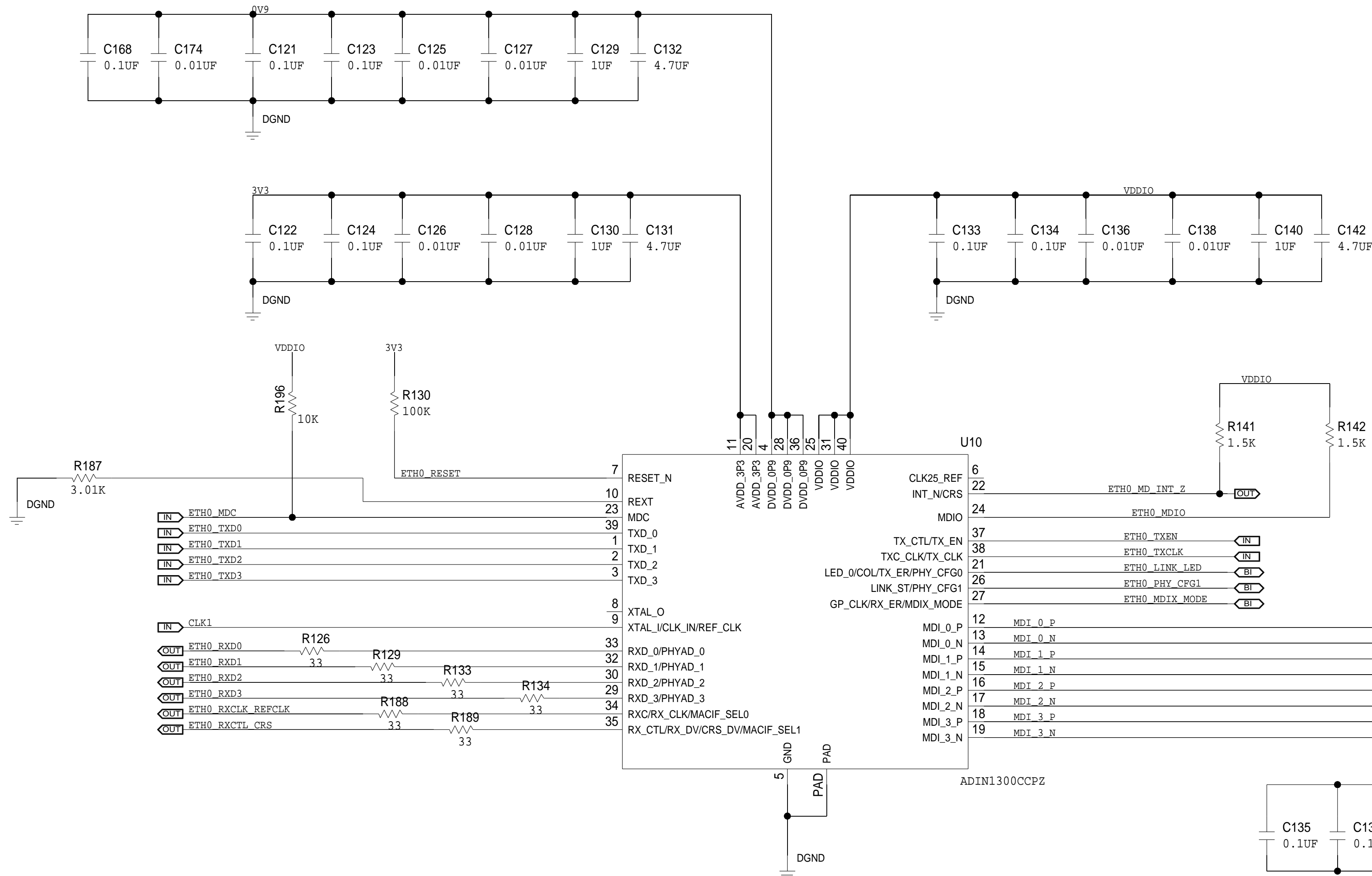


CONNECTORS NEED TO BE THE PICK AND PLACE (-K) AND PLACED BY MACHINE

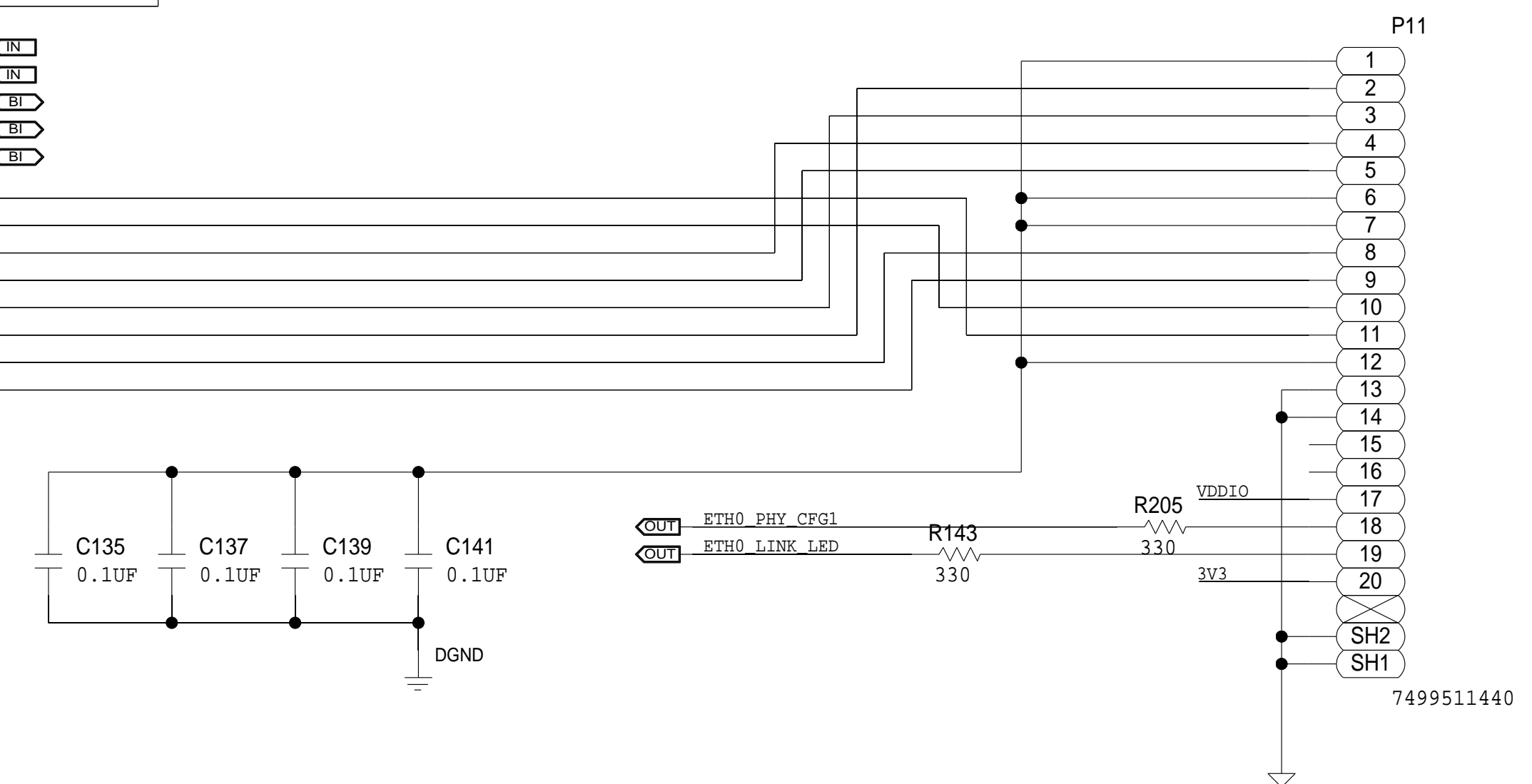
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| HW TYPE : Customer Evaluation Z Product(s) : SOM : SOM Carrier | | | |
| DESIGN VIEW <DESIGN_VIEW> | DRAWING NO. 02_070361 | REV D | |
| PTD ENGINEER D. HARRINGTON | SIZE D | SCALE 1:1 | SHEET 2 OF 13 |

GIGABIT ETHERNET RGMII

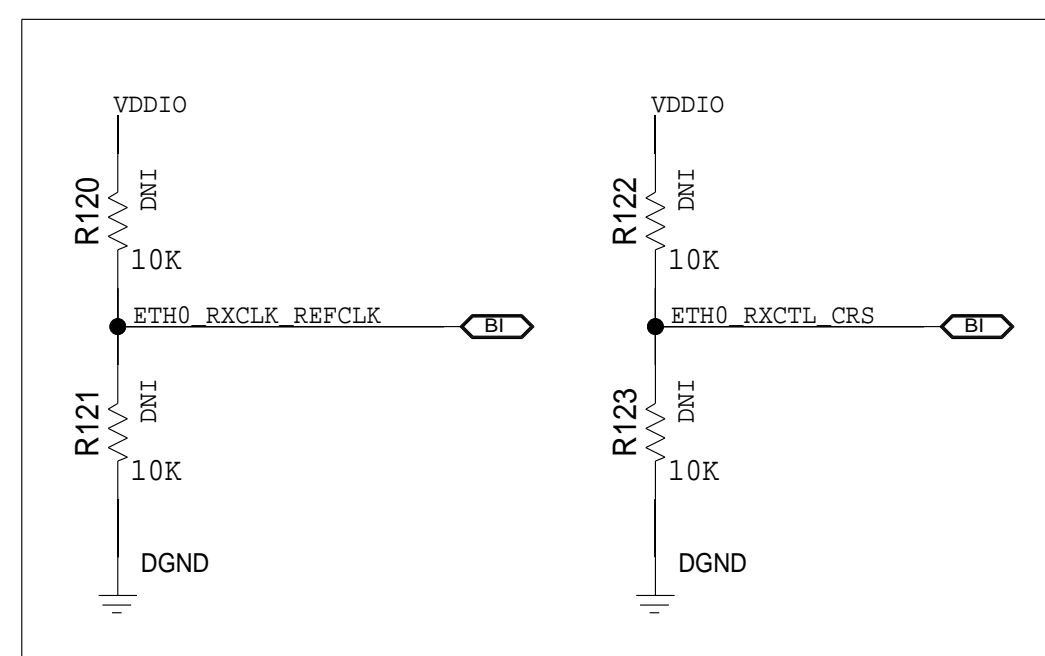
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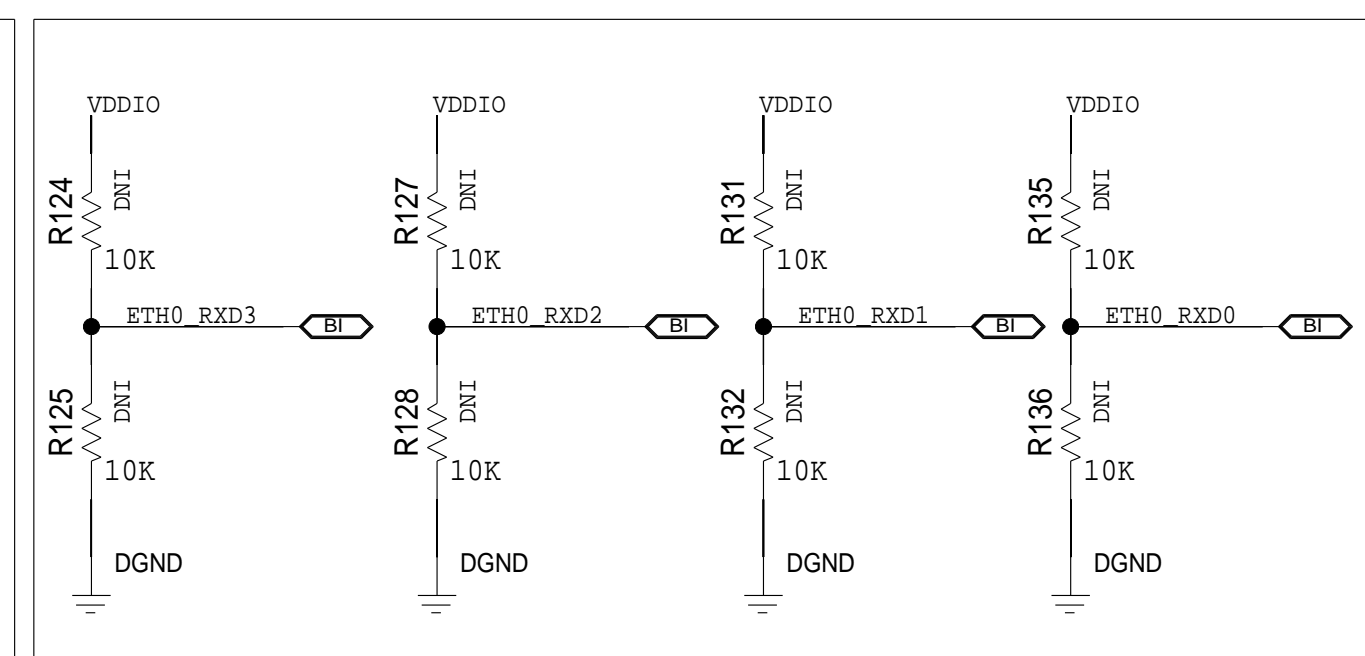
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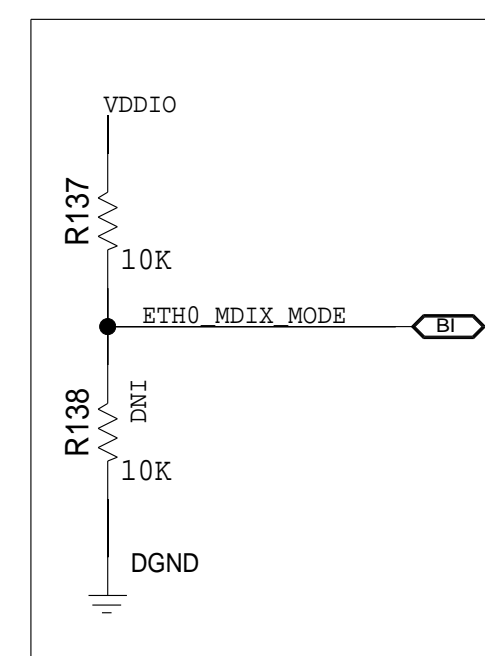
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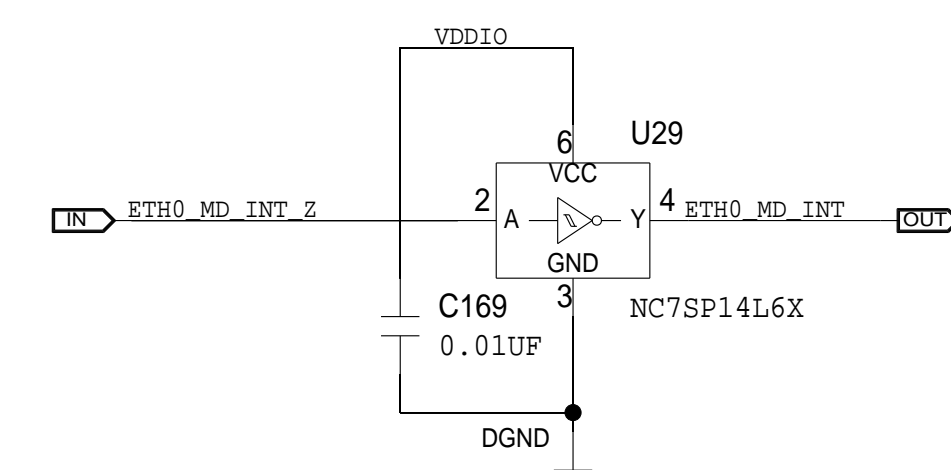
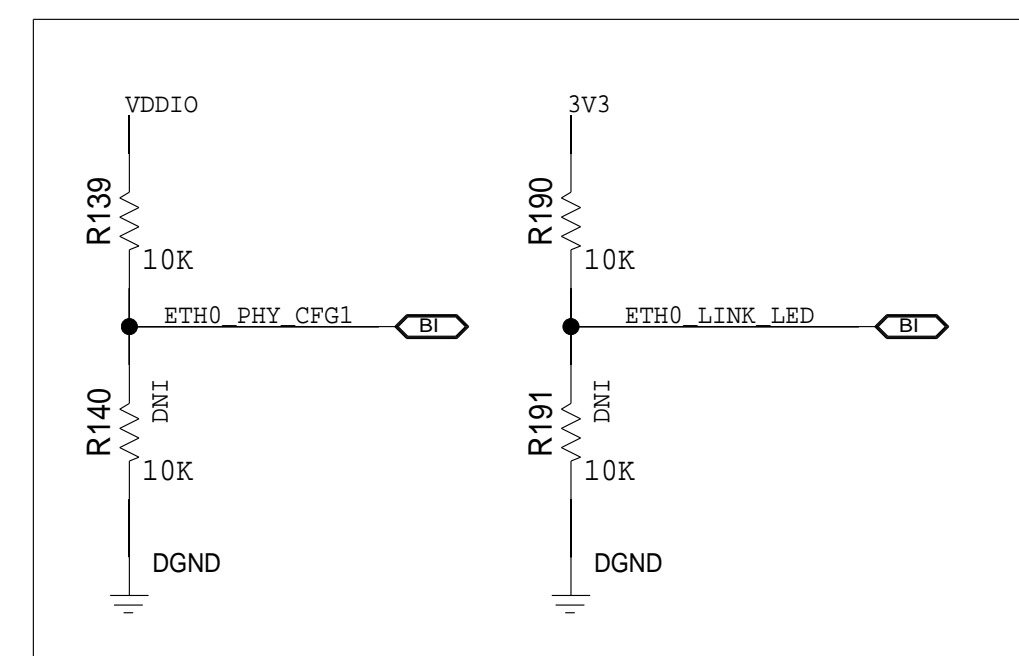
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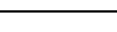


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AUDIO MDIX CONFIG
      MODE 4
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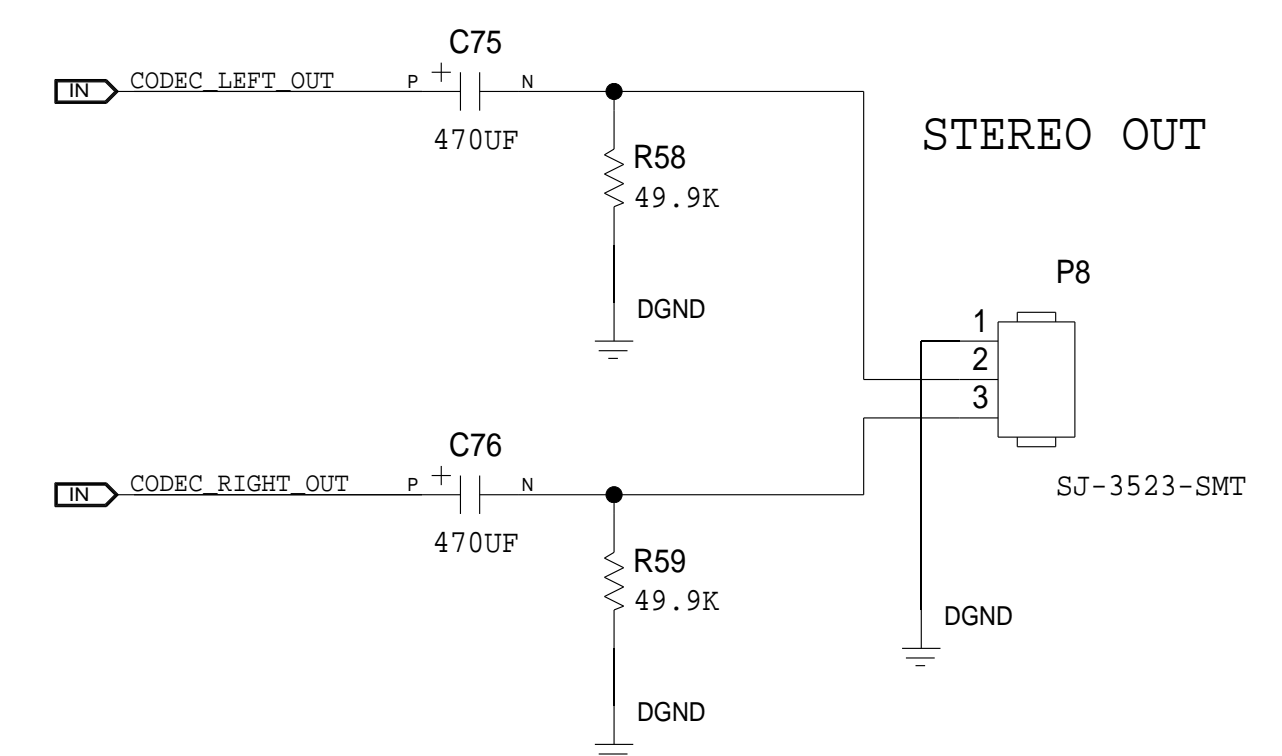
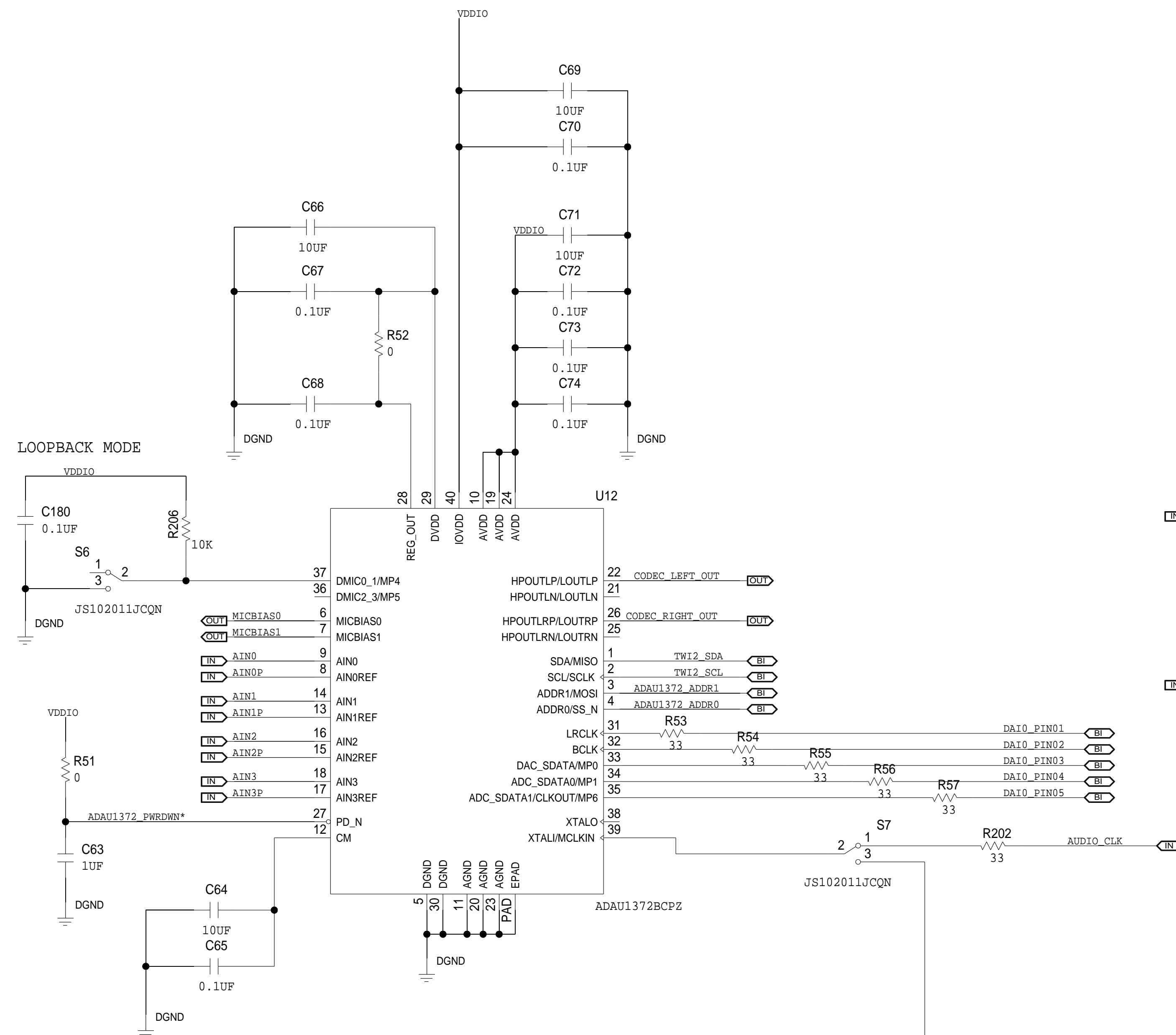
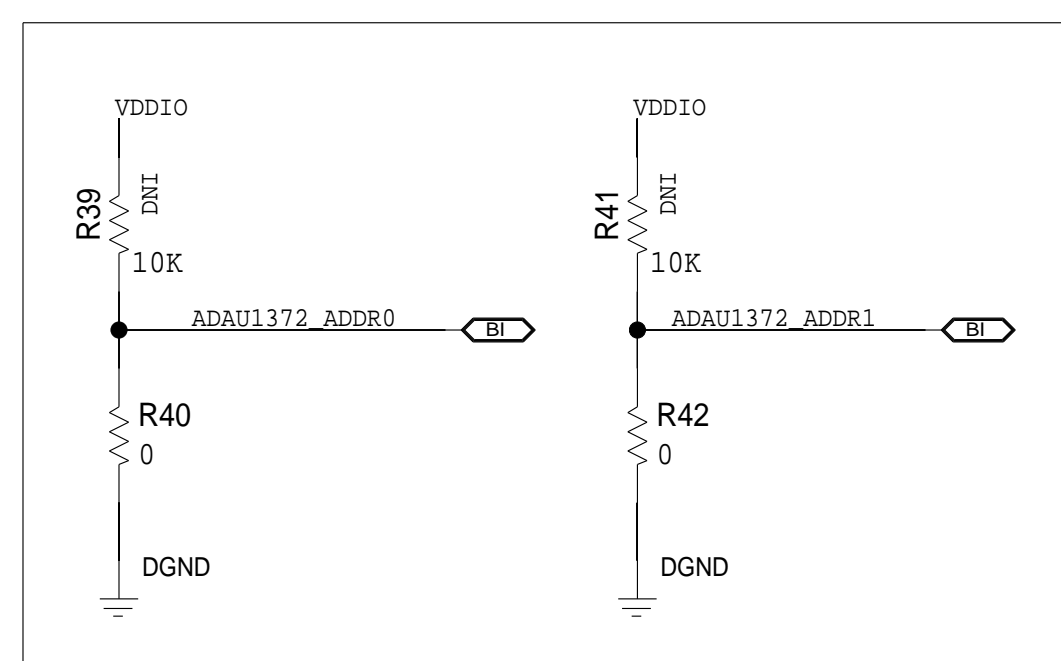
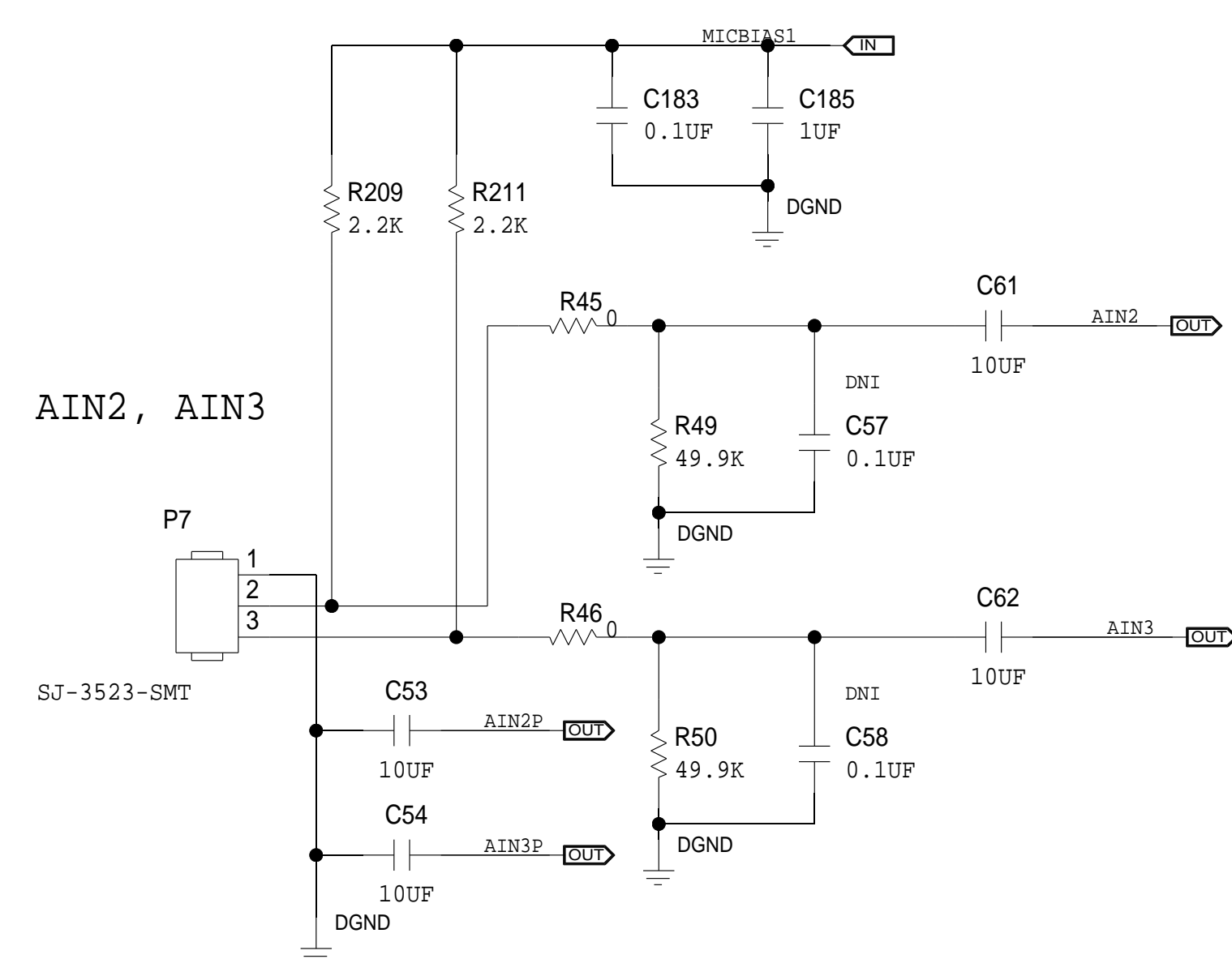
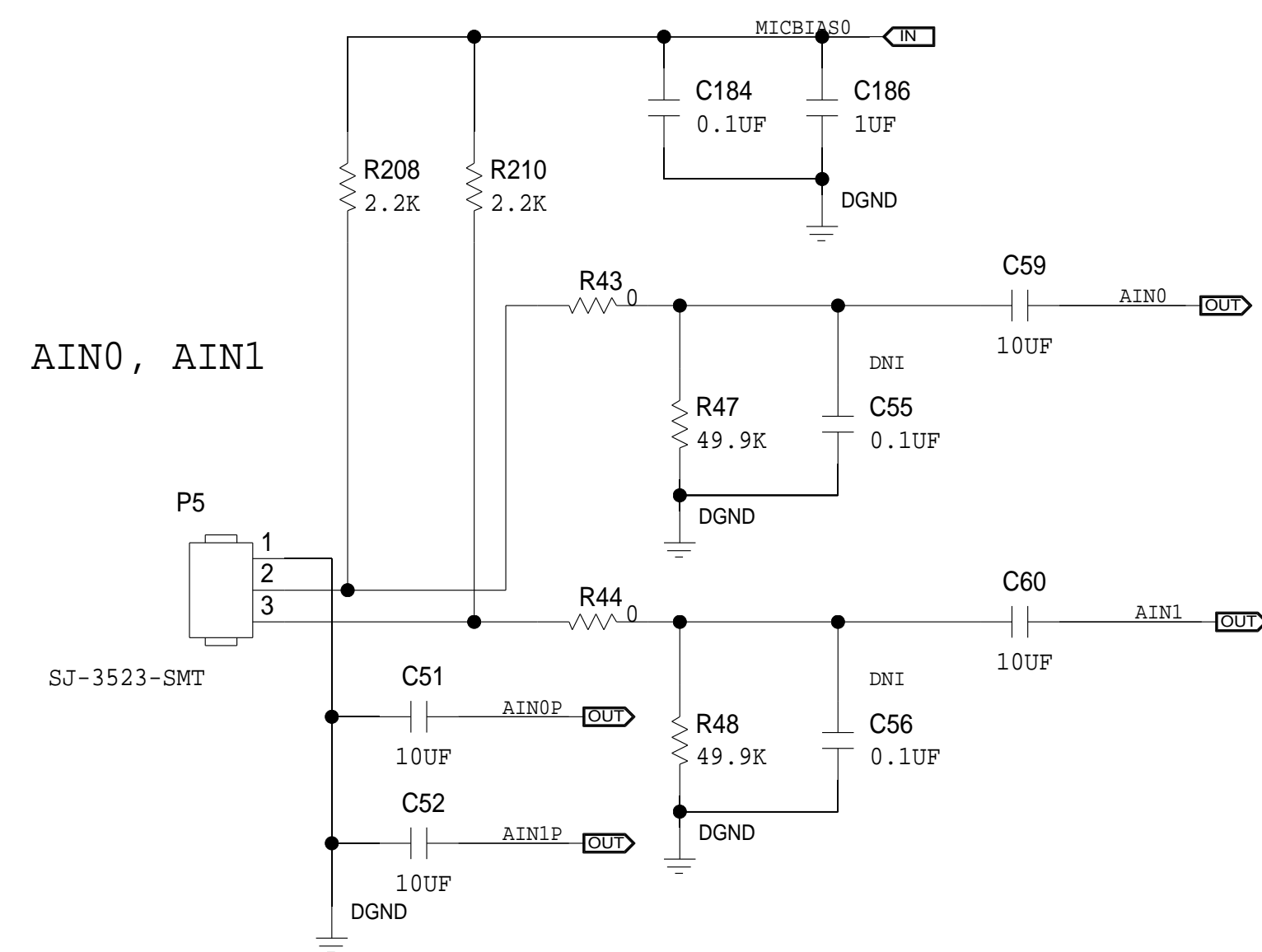
PHY CONFIG
MODE 4



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| <div></div> <div>ANALOG DEVICES</div> | | SCHEMATIC | | | | |
| | | HW TYPE : Customer Evaluation Z Product(s) : SOM : SOM Carrier | | | | |
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| | PTD ENGINEER D. HARRINGTON | | SIZE D | SCALE 1:1 | SHEET 3 OF 13 | |

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| REVISIONS | | | |
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THE EQUIPMENT SHOWN HEREON MAY BE PROTECTED BY PATENT
OWNED OR CONTROLLED BY OWNED ANALOG DEVICES.

SCHEMATIC

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HW TYPE      : Customer Evaluation Z
Product(s)   : SOM
              : SOM Carrier
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| DESIGN VIEW | <DESIGN_VIEW> |
| PTD ENGINEER | D. HARRINGTON |

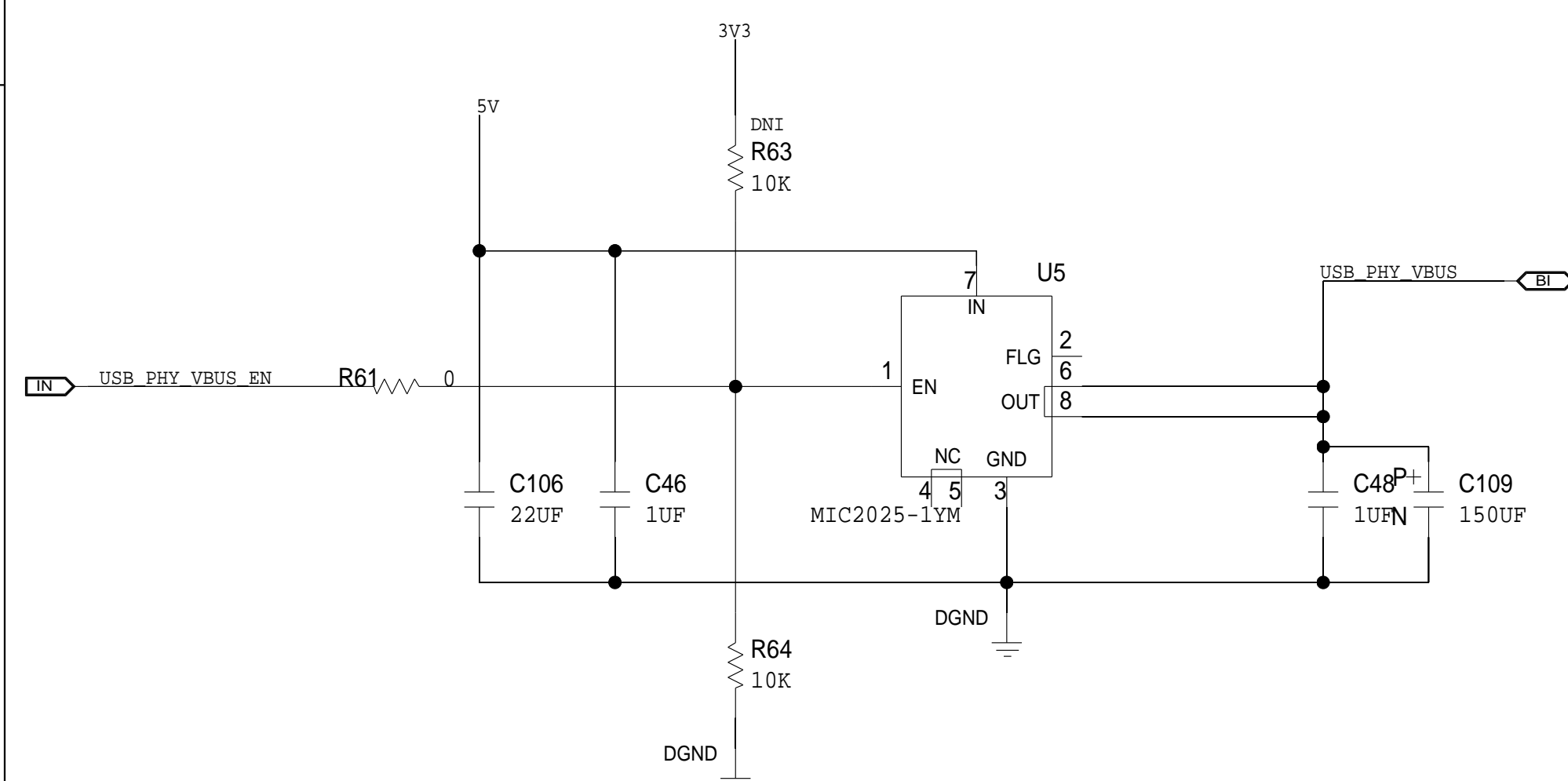
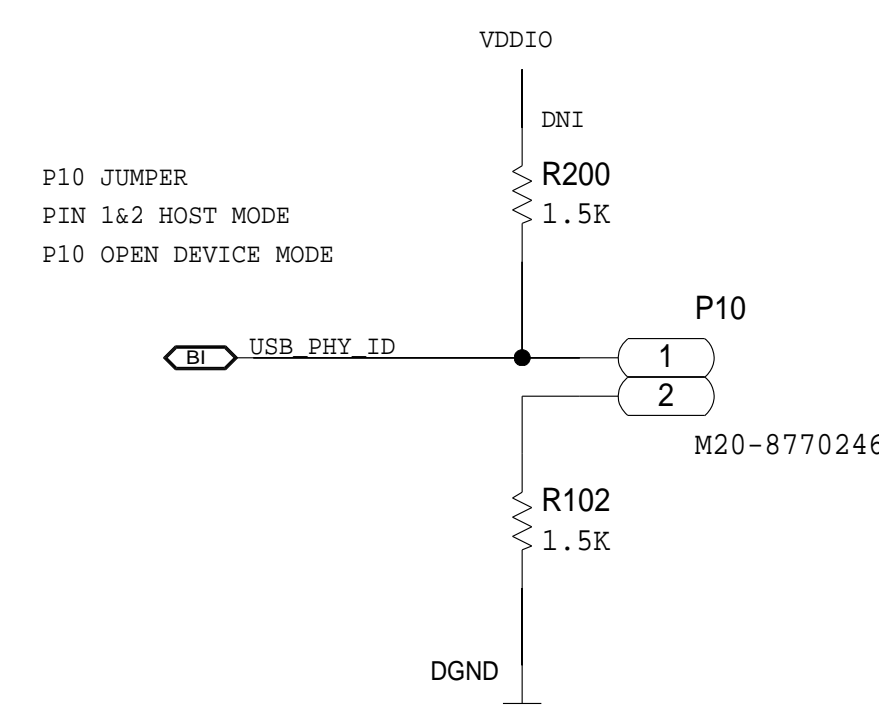
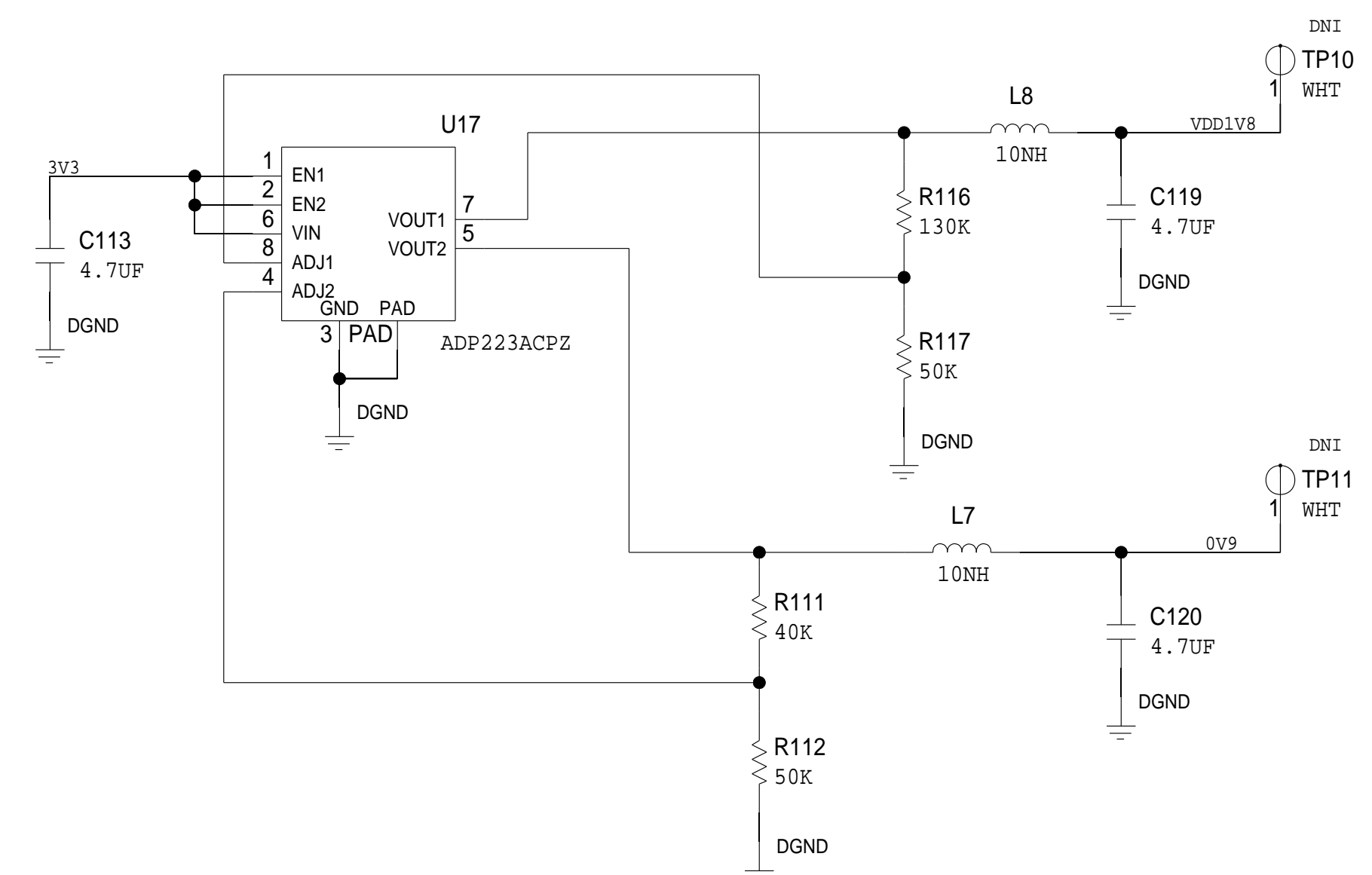
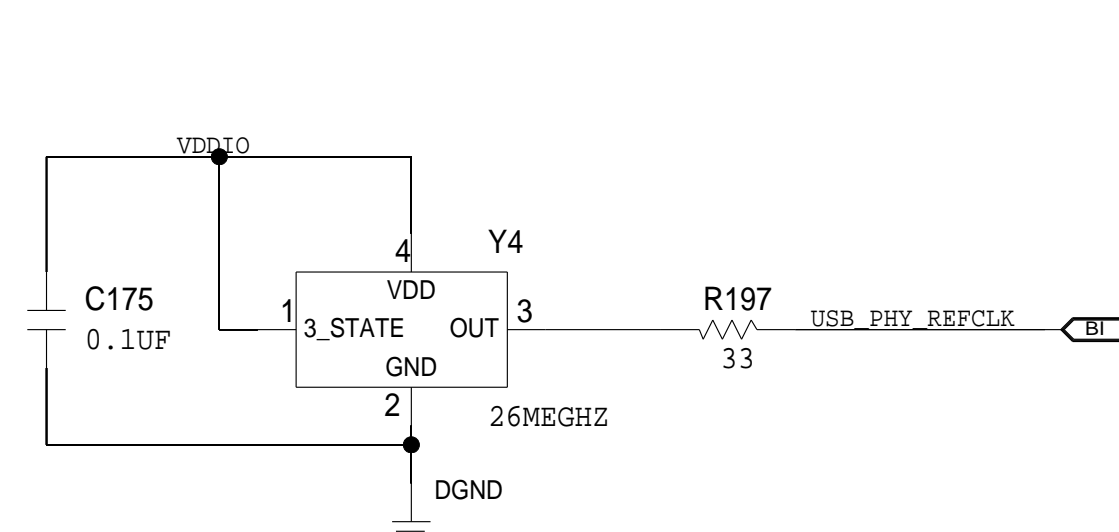
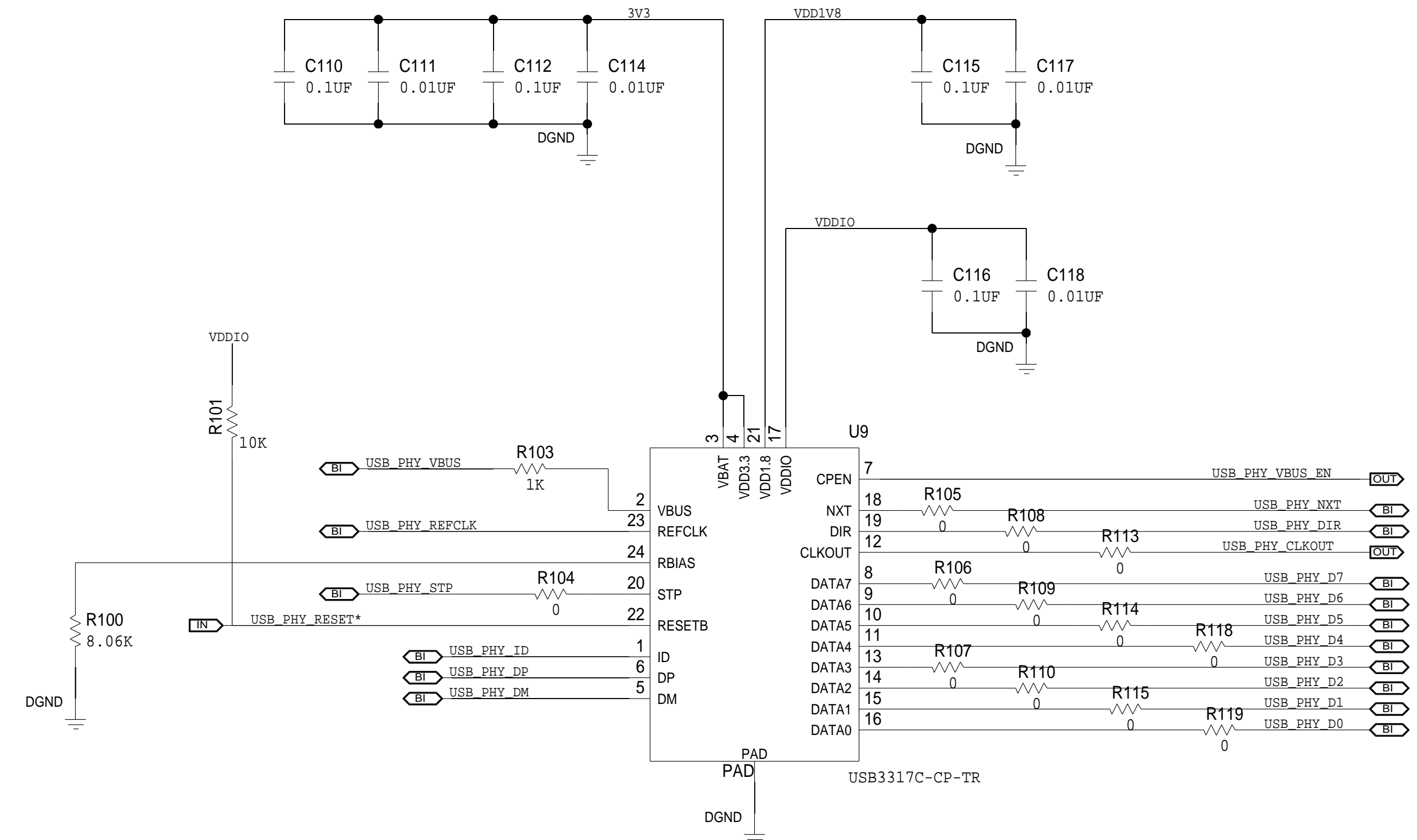
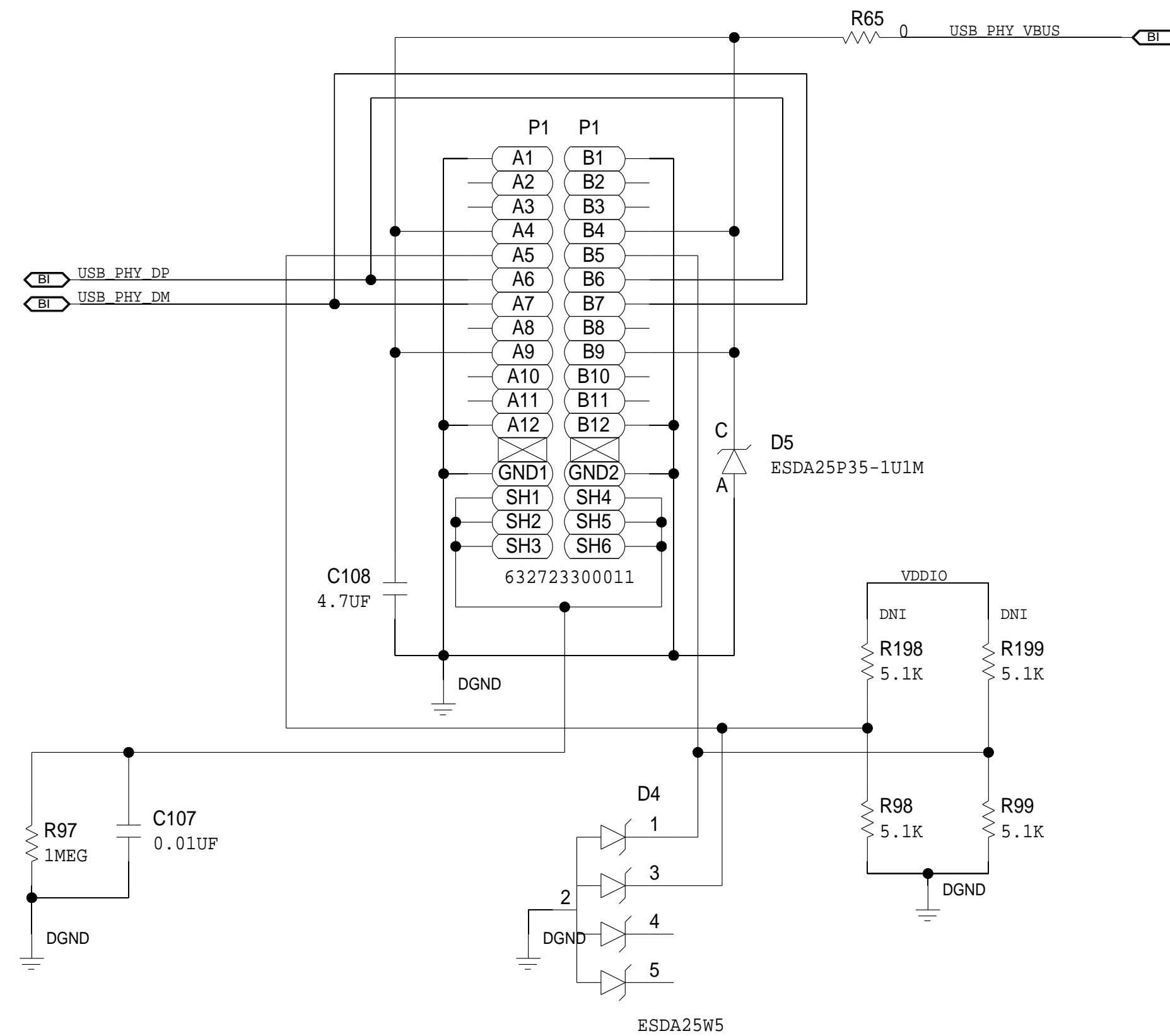
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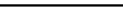
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| SIZE D | SCALE 1:1 | SHEET 4 OF 13 |
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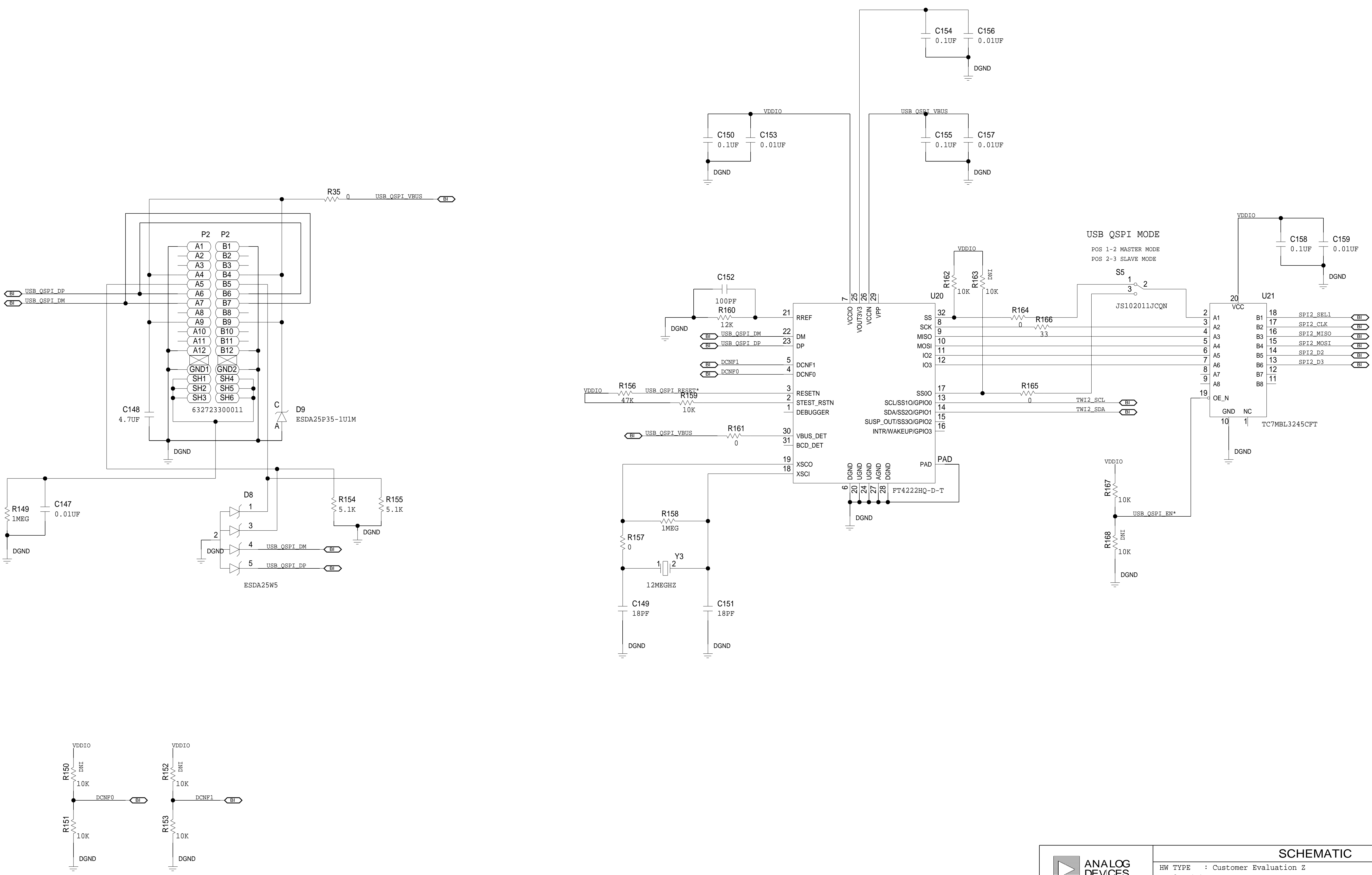
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|  <div>ANALOG DEVICES</div> | SCHEMATIC | | | | |
| | HW TYPE : Customer Evaluation Z Product(s) : SOM : SOM Carrier | | | | |
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| | PTD ENGINEER D. HARRINGTON | | SIZE D | SCALE 1:1 | SHEET 5 OF 13 |

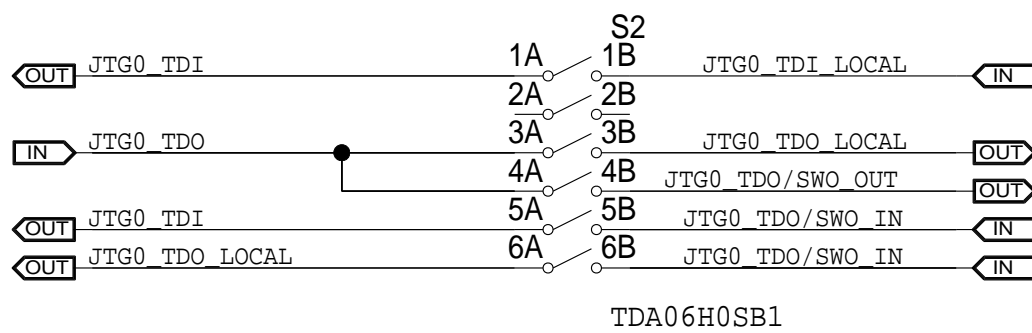
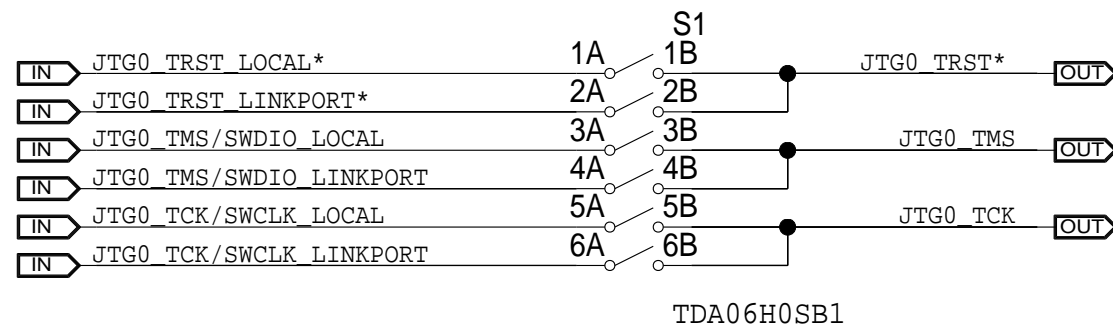
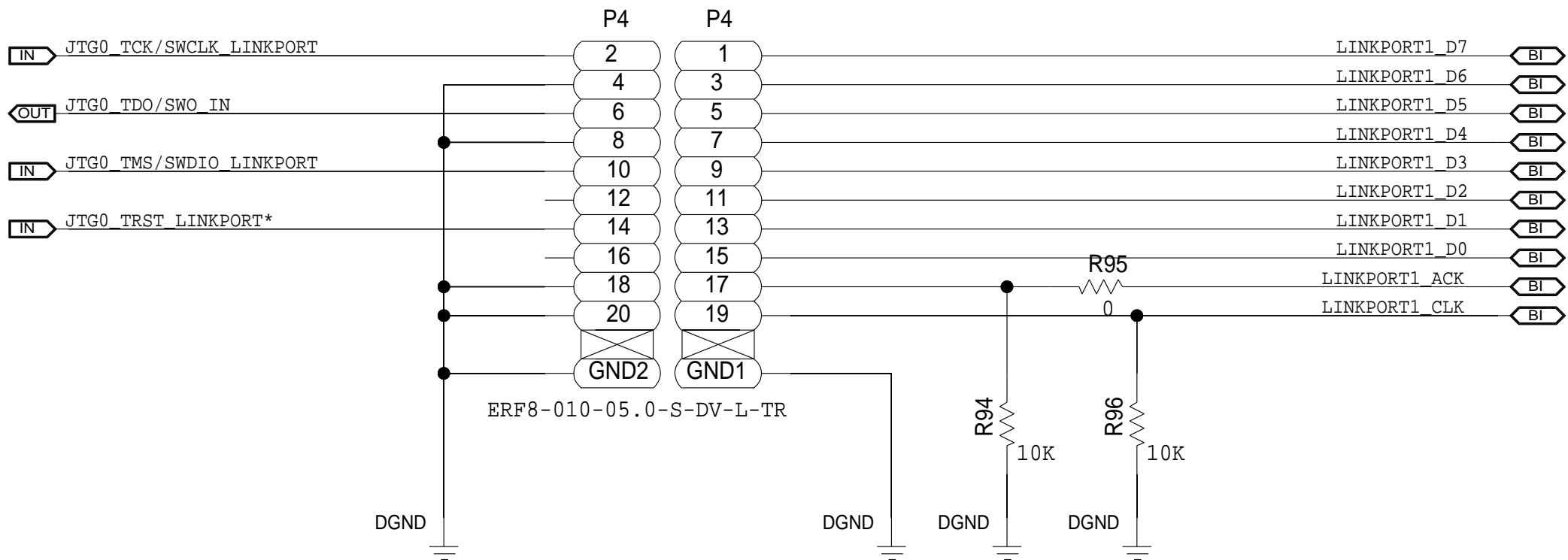
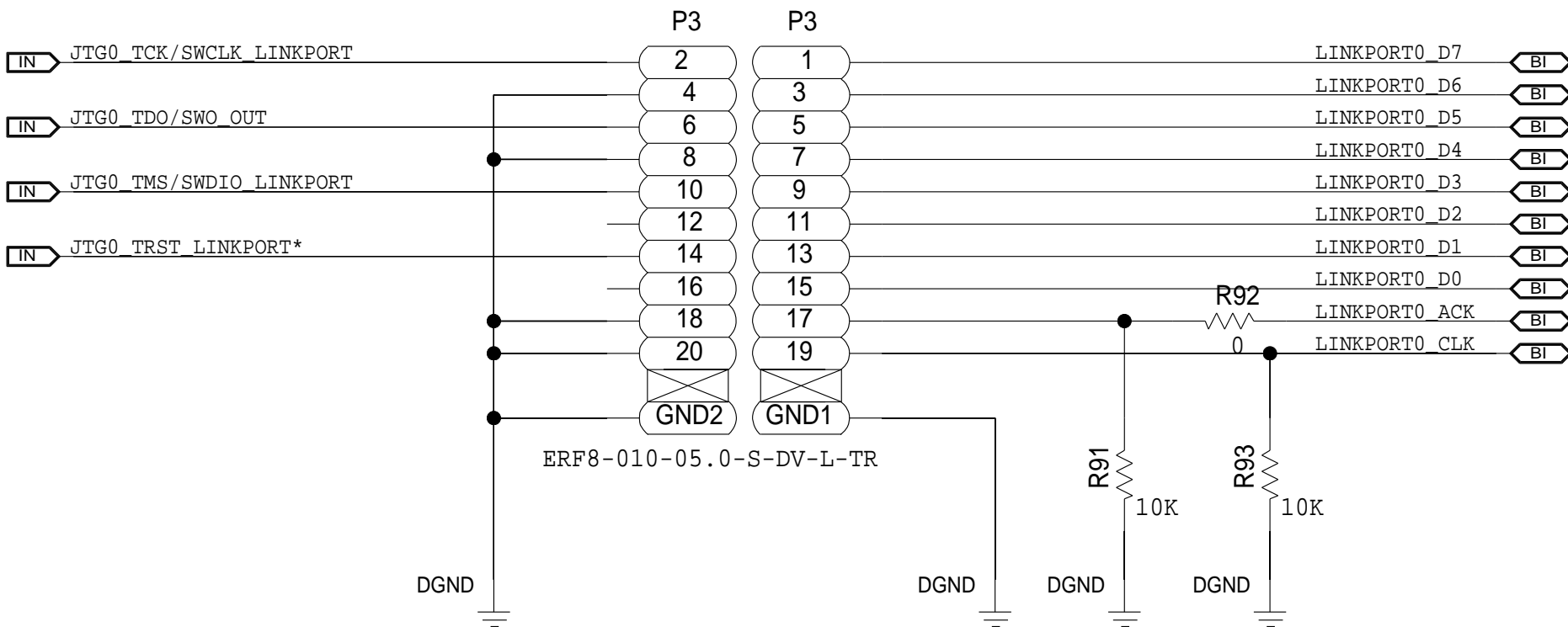
USB QSPI INTERFACE

| REVISIONS | | | |
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| REV | DESCRIPTION | DATE | APPROVED |
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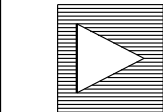


| SCHEMATIC | | | |
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| HW TYPE : Customer Evaluation Z Product(s) : SOM : SOM Carrier | | | |
| DESIGN VIEW <DESIGN_VIEW> | DRAWING NO. 02_070361 | REV D | |
| PTD ENGINEER D. HARRINGTON | SIZE D | SCALE 1:1 | SHEET 6 OF 13 |

LINKPORT



| Single DSP in Chain | | Multiple DSPs | | | | | |
|---------------------|----------|----------------------------|----------|-----------------------------------|----------|--|--|
| | | Board attached to emulator | | Board(s) not attached to emulator | | | |
| SWITCH | POSITION | SWITCH | POSITION | SWITCH | POSITION | | |
| S1.1 | ON | S1.1 | ON | S1.1 | OFF | | |
| S1.2 | OFF | S1.2 | ON | S1.2 | ON | | |
| S1.3 | ON | S1.3 | ON | S1.3 | OFF | | |
| S1.4 | OFF | S1.4 | ON | S1.4 | ON | | |
| S1.5 | ON | S1.5 | ON | S1.5 | OFF | | |
| S1.6 | OFF | S1.6 | ON | S1.6 | ON | | |
| S2.1 | ON | S2.1 | ON | S2.1 | OFF | | |
| S2.2 | OFF | S2.2 | OFF | S2.2 | OFF | | |
| S2.3 | ON | S2.3 | OFF | S2.3 | OFF | | |
| S2.4 | OFF | S2.4 | ON | S2.4 | ON | | |
| S2.5 | OFF | S2.5 | OFF | S2.5 | ON | | |
| S2.6 | OFF | S2.6 | ON | S2.6 | OFF | | |



ANALOG
DEVICES

SCHEMATIC

HW TYPE : Customer Evaluation Z
Product(s): SOM
: SOM Carrier

DESIGN VIEW
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PTD ENGINEER
D. HARRINGTON

DRAWING NO.
02_070361

SIZE
D

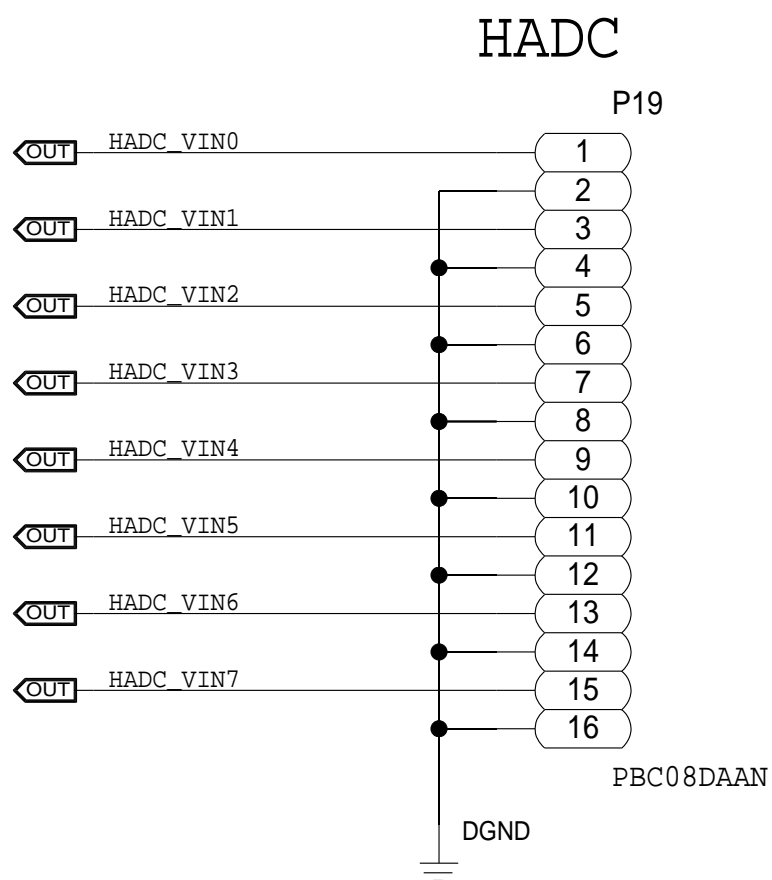
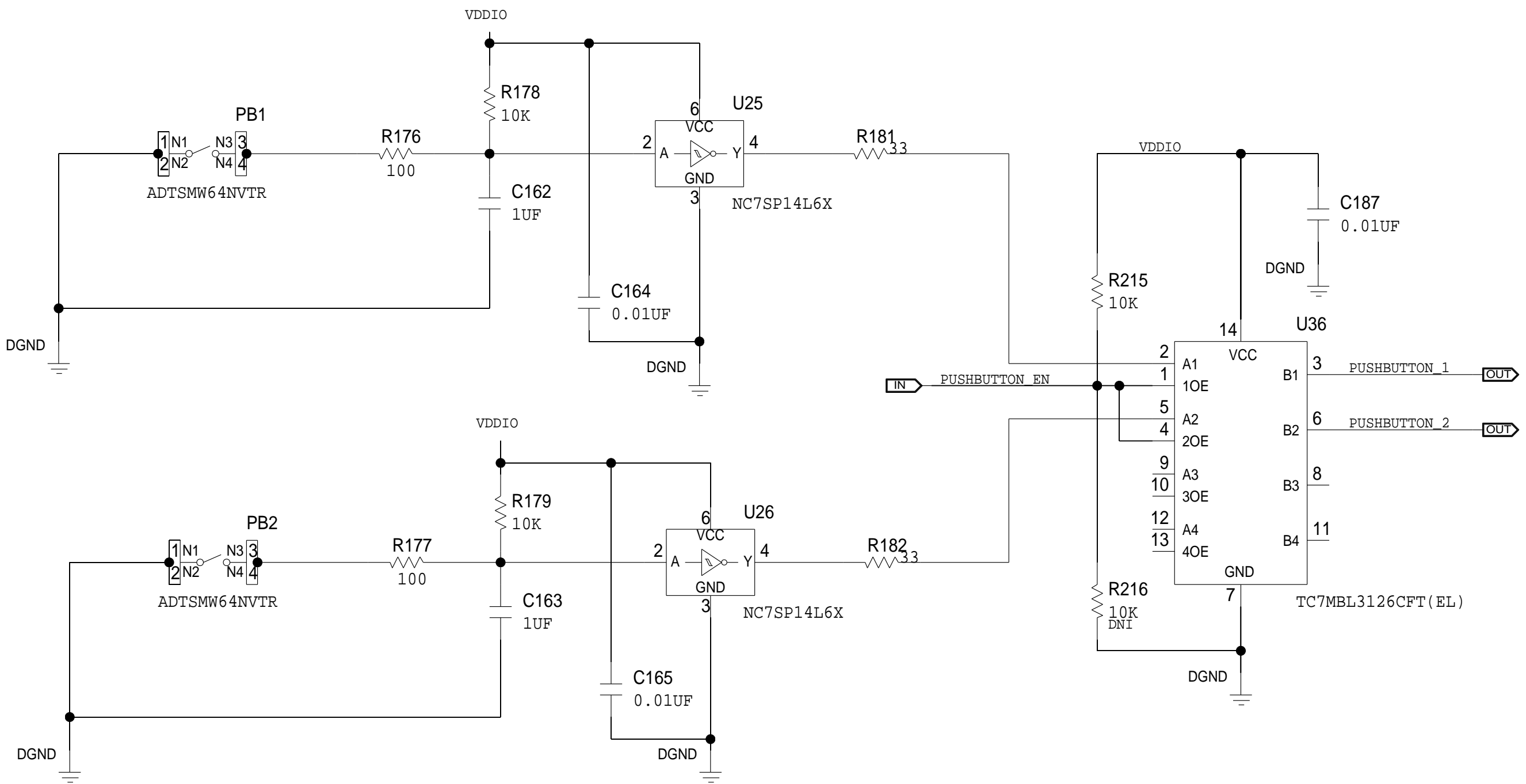
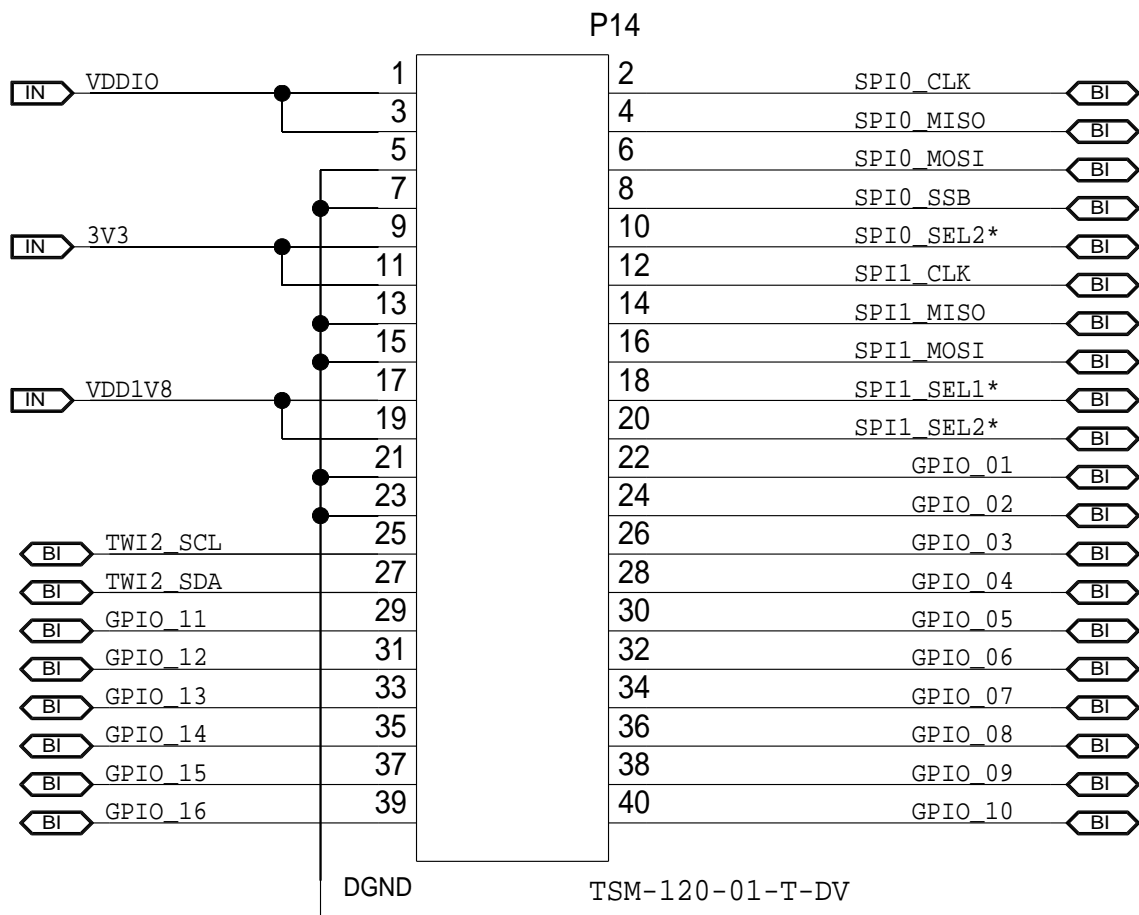
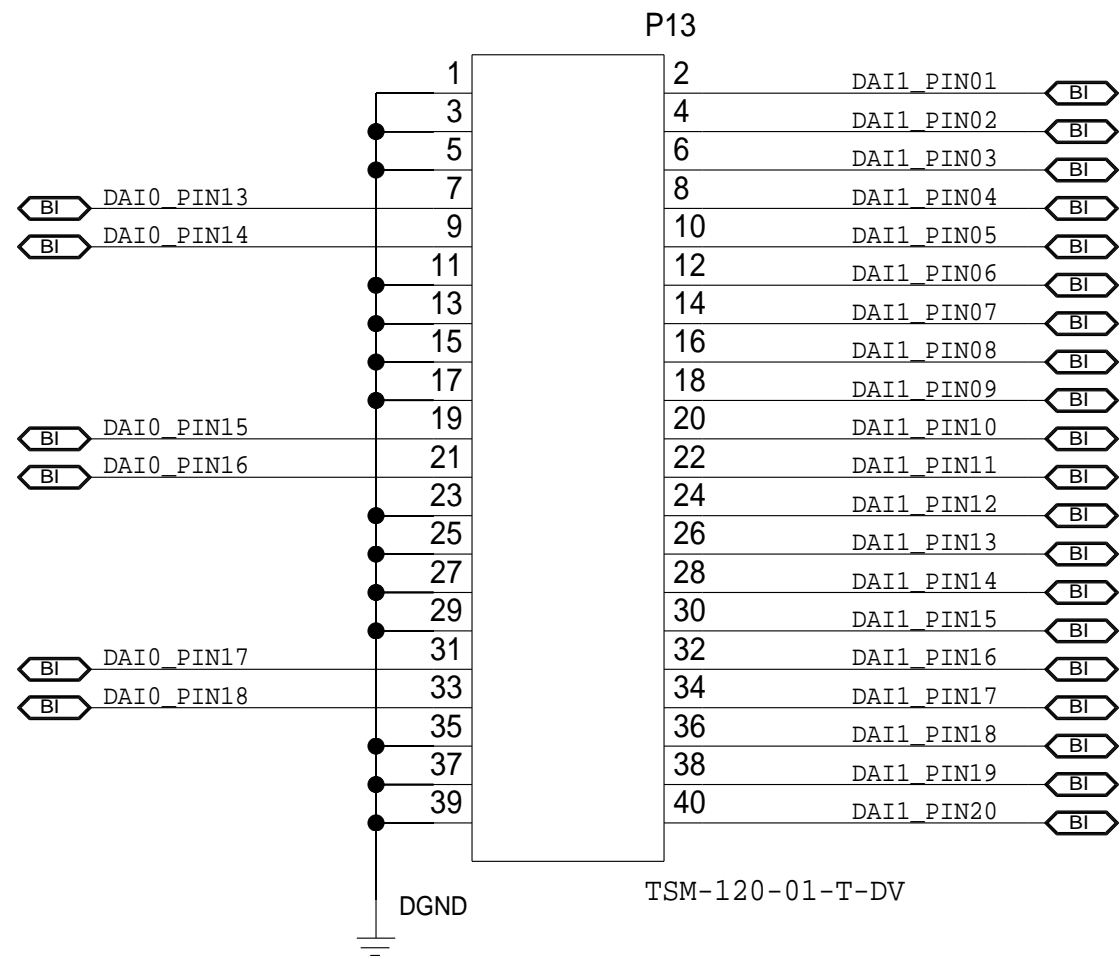
SCALE
1:1

SHEET 7 OF 13

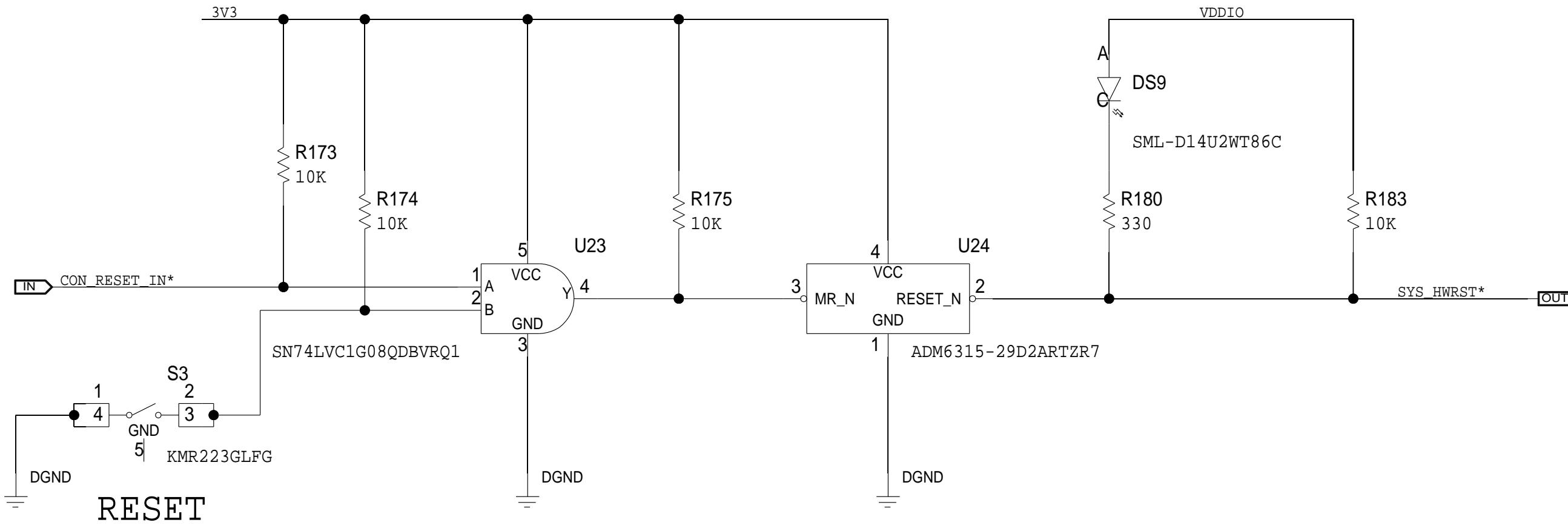
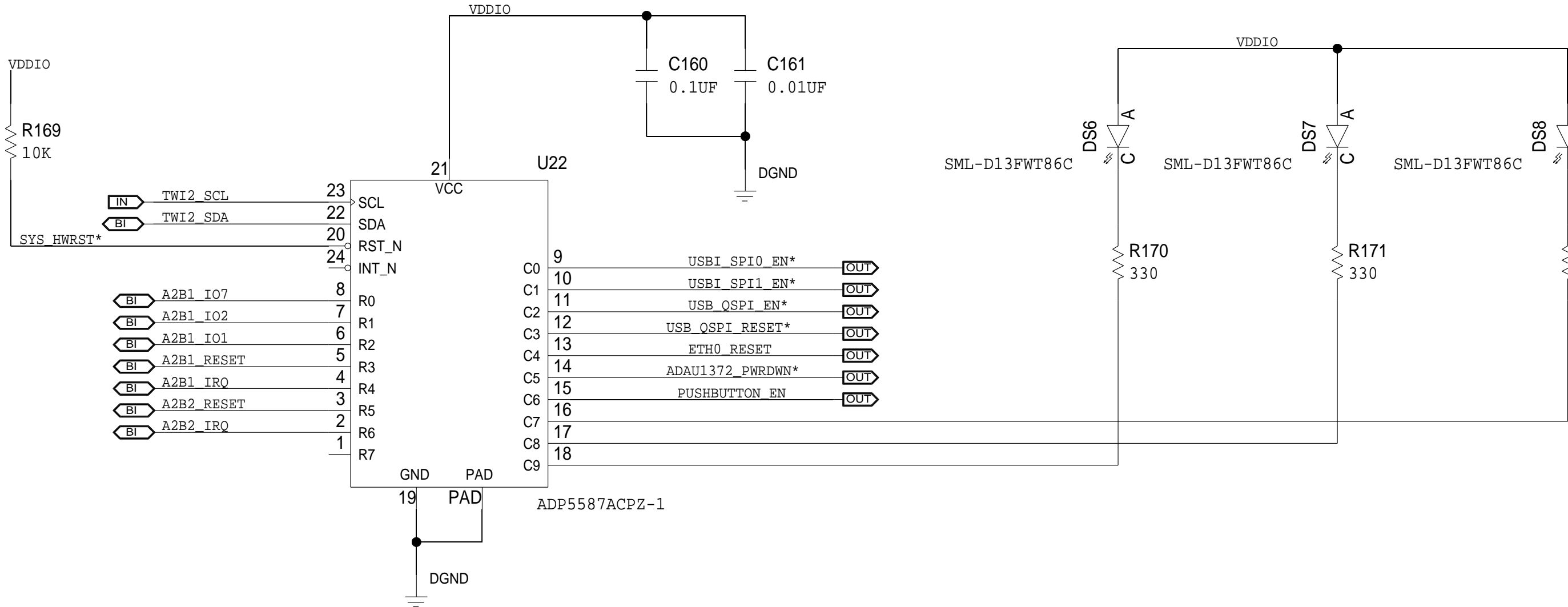
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IO HEADER/PUSHBUTTONS/SOFTCONFIG

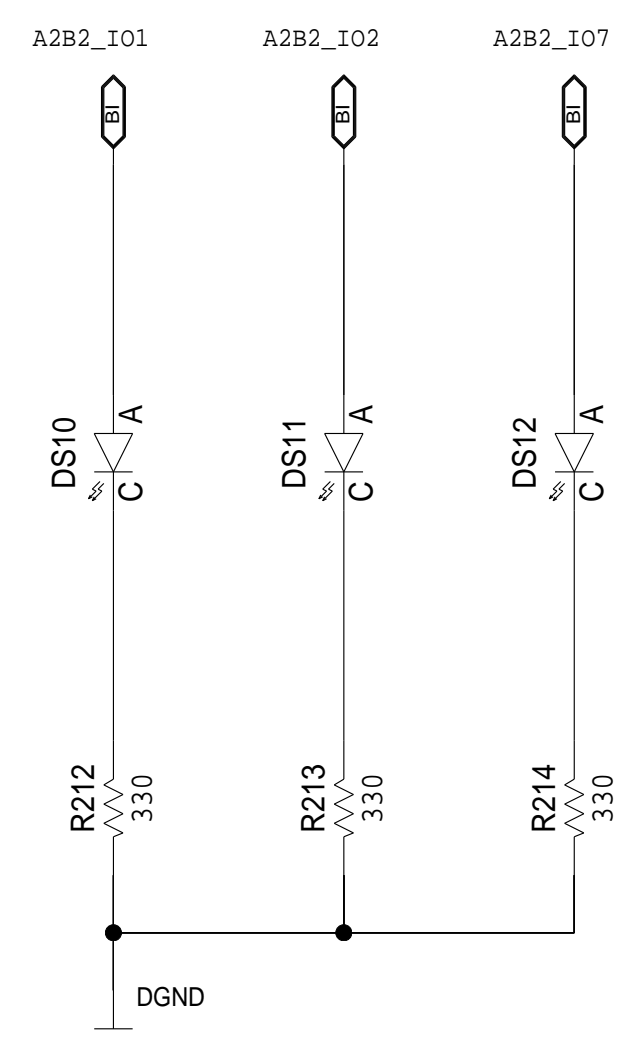
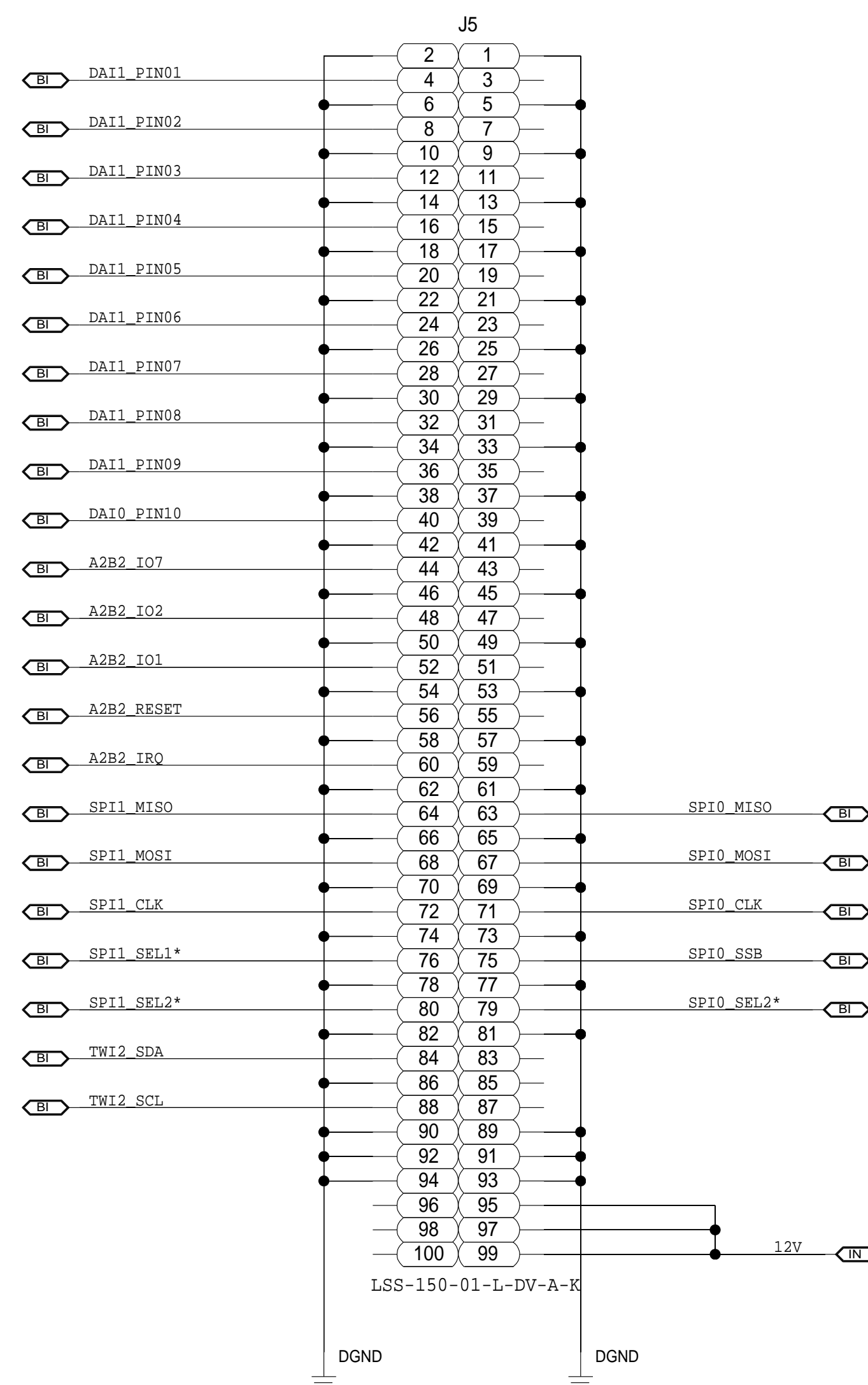
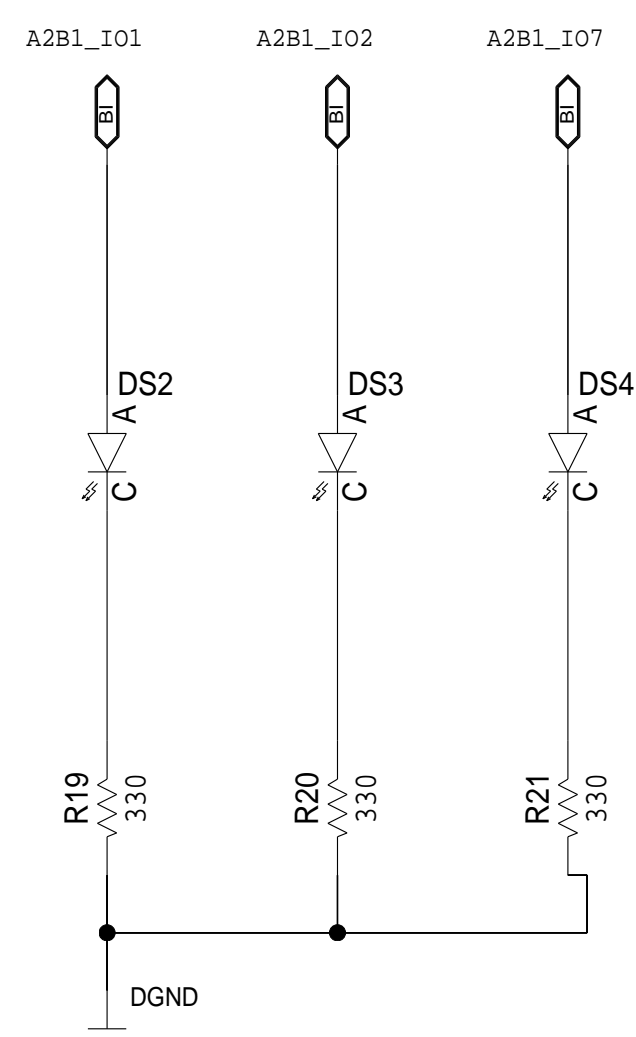
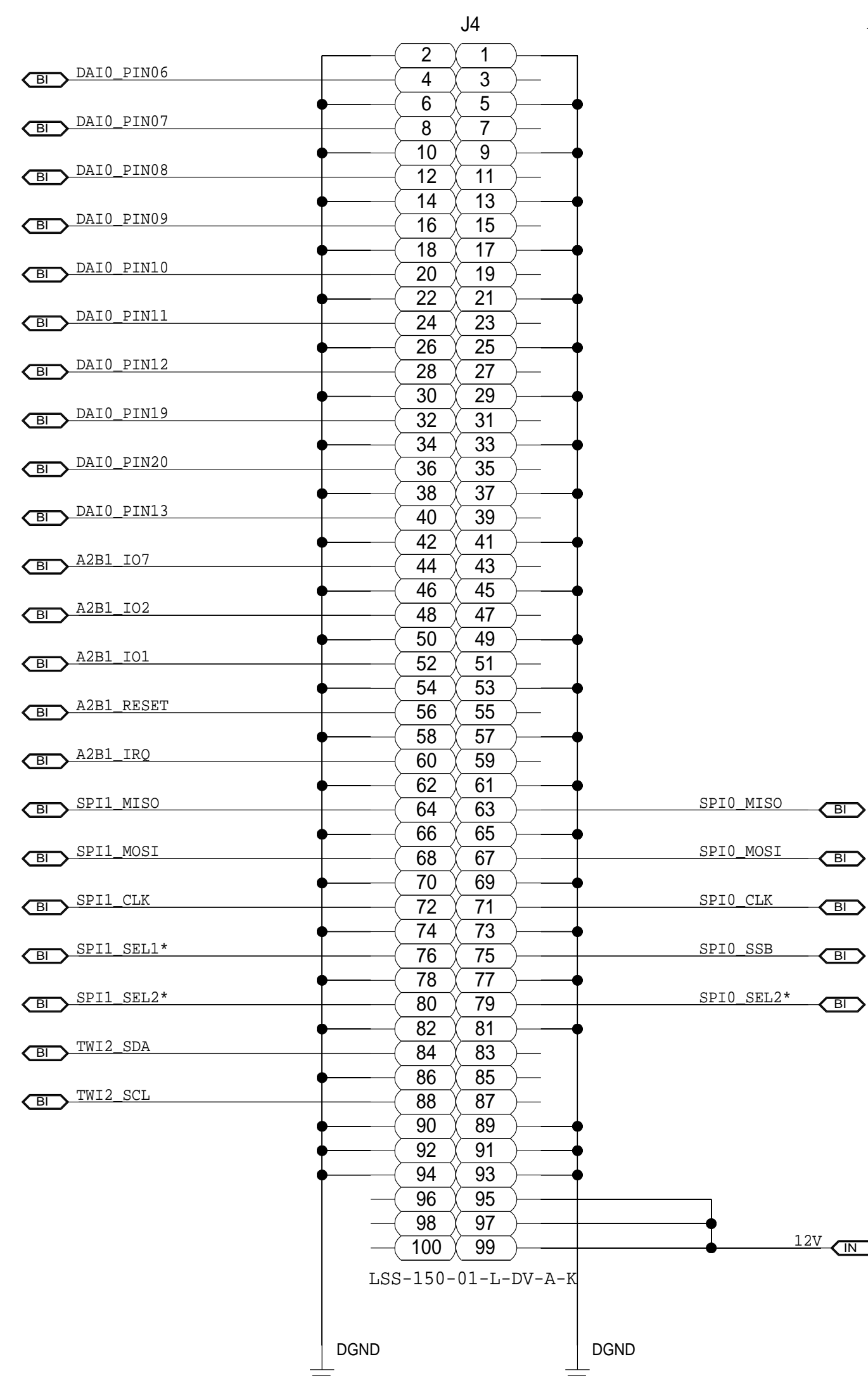
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| | | | |



TWI ADDRESS 0X30
0110000X X: 1 FOR READ, 0 FOR WRITE



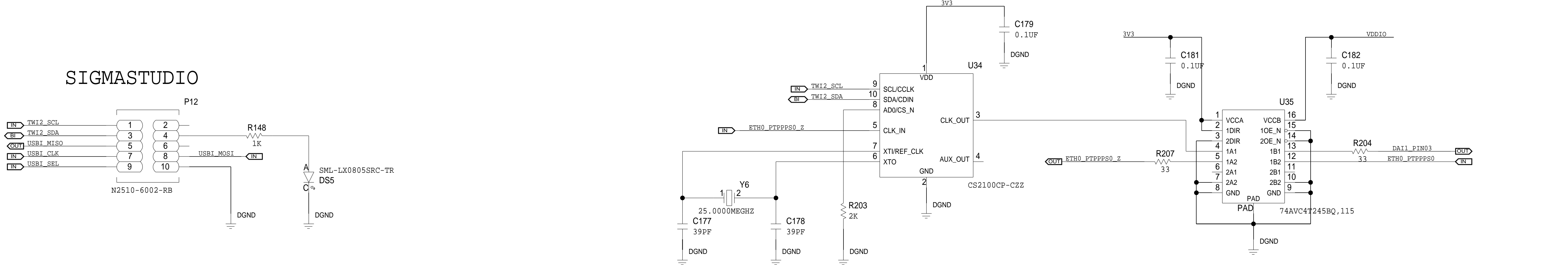
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| HW TYPE : Customer Evaluation Z Product(s): SOM : SOM Carrier | | | |
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| PTD ENGINEER D. HARRINGTON | SIZE D | SCALE 1:1 | SHEET 8 OF 13 |



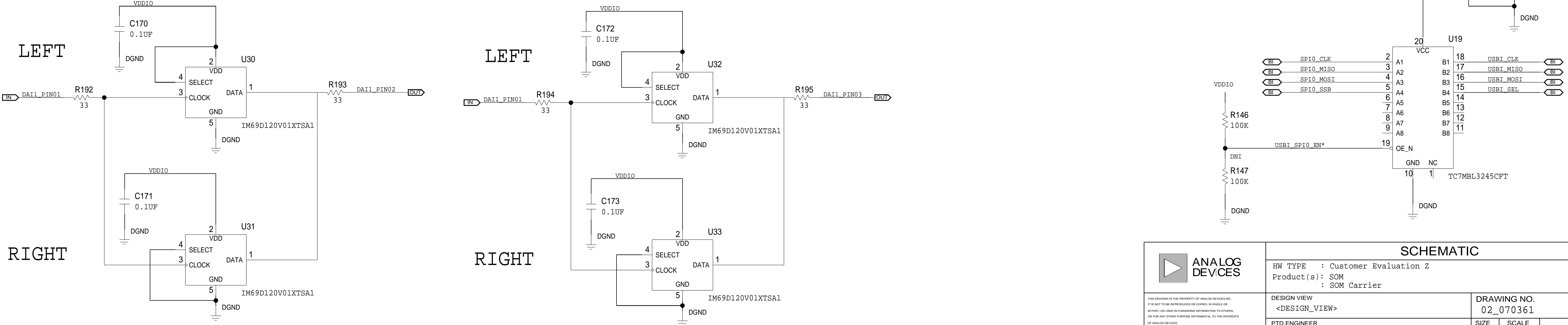
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SIGMASTUDIO/PDM MICS

| REVISIONS | | | |
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| REV | DESCRIPTION | DATE | APPROVED |
| | | | |



PDM MICS

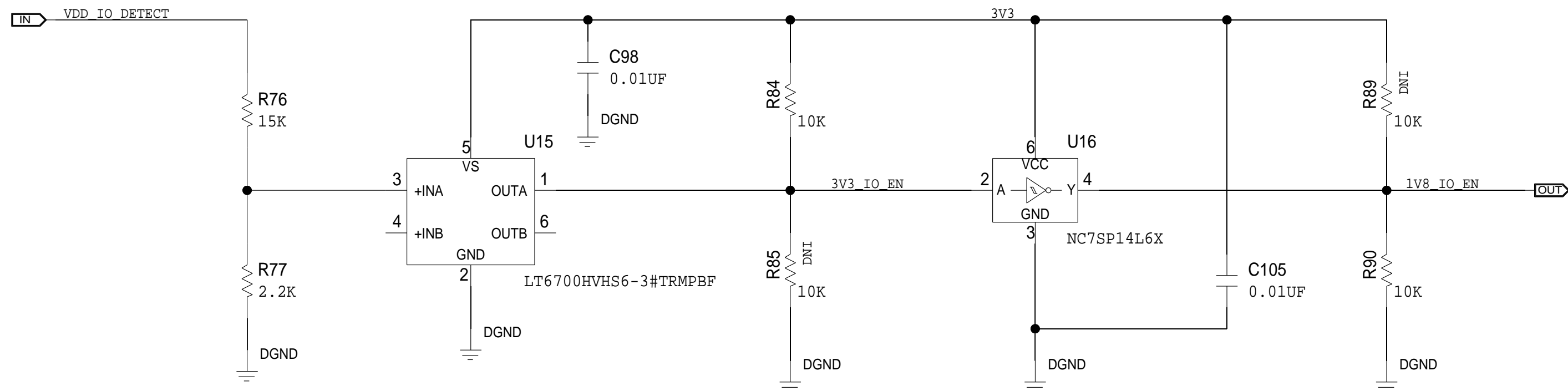
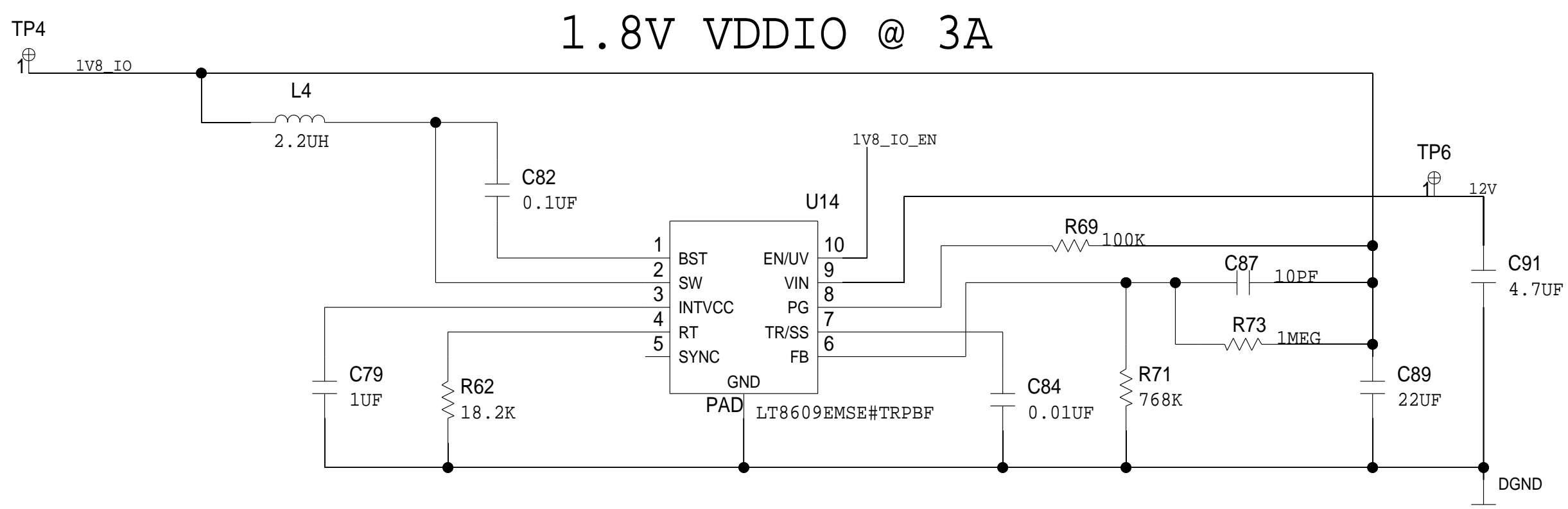
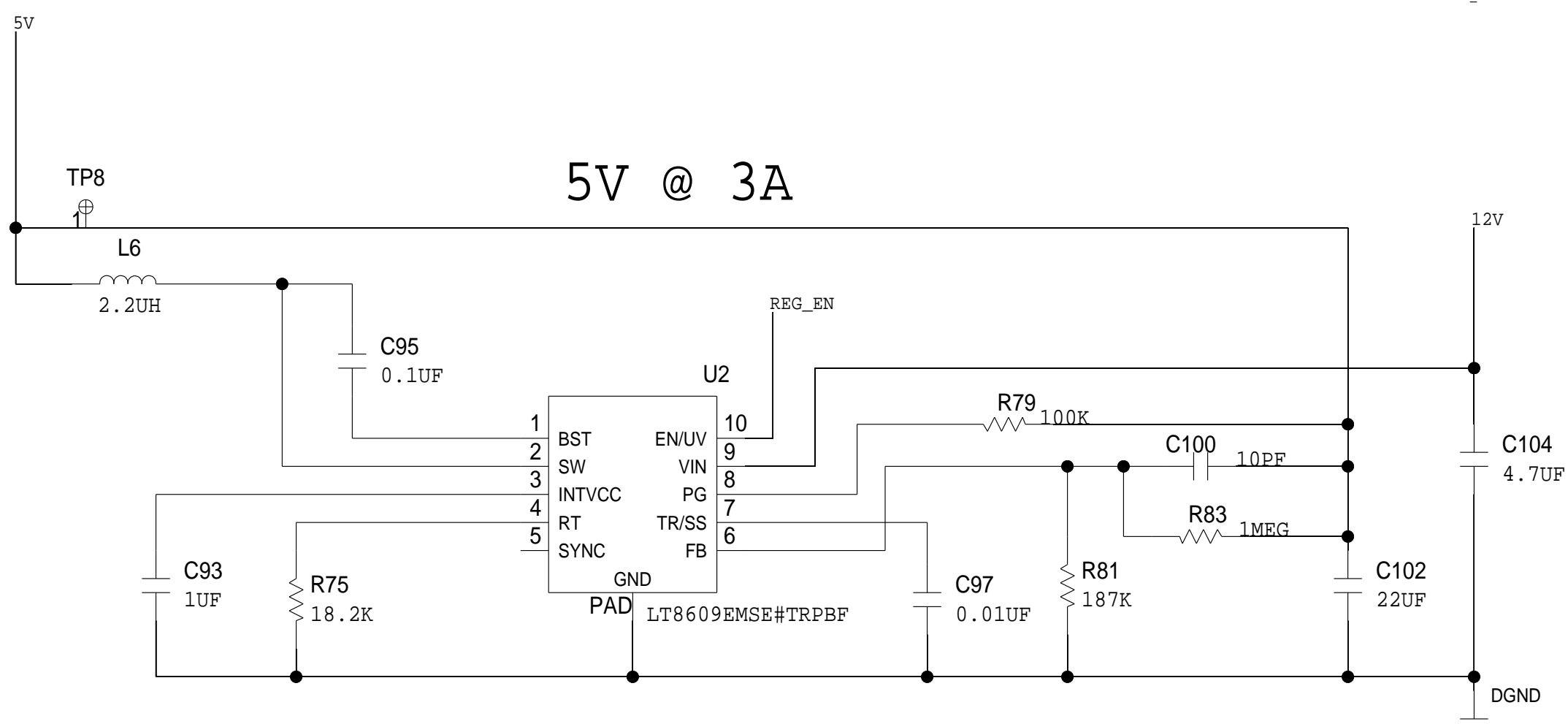
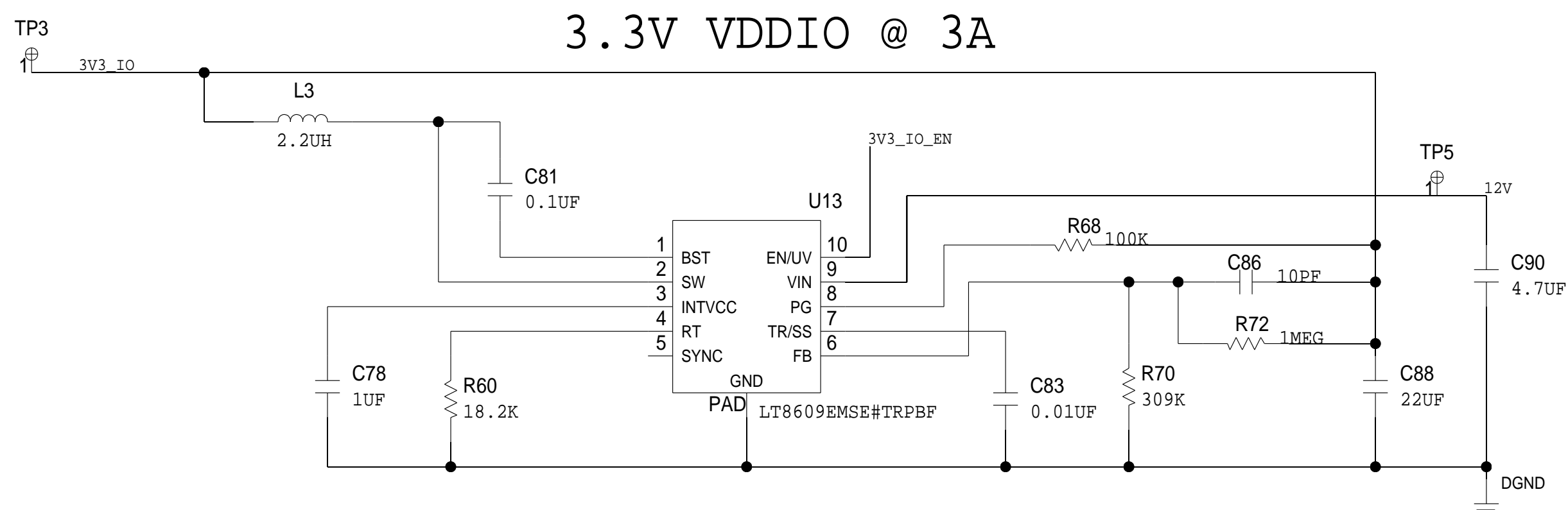
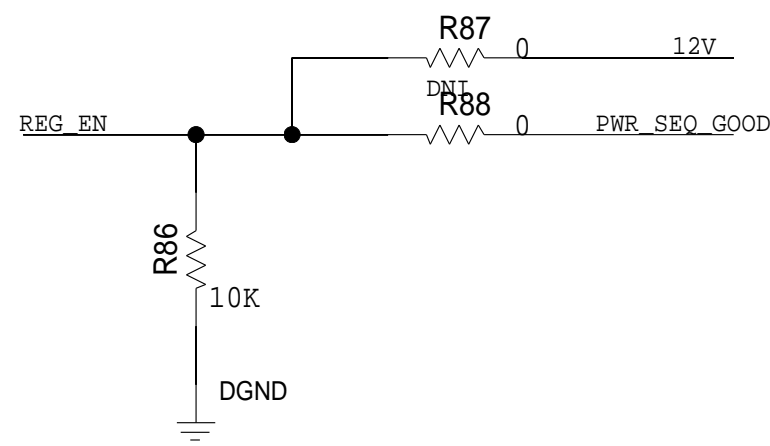
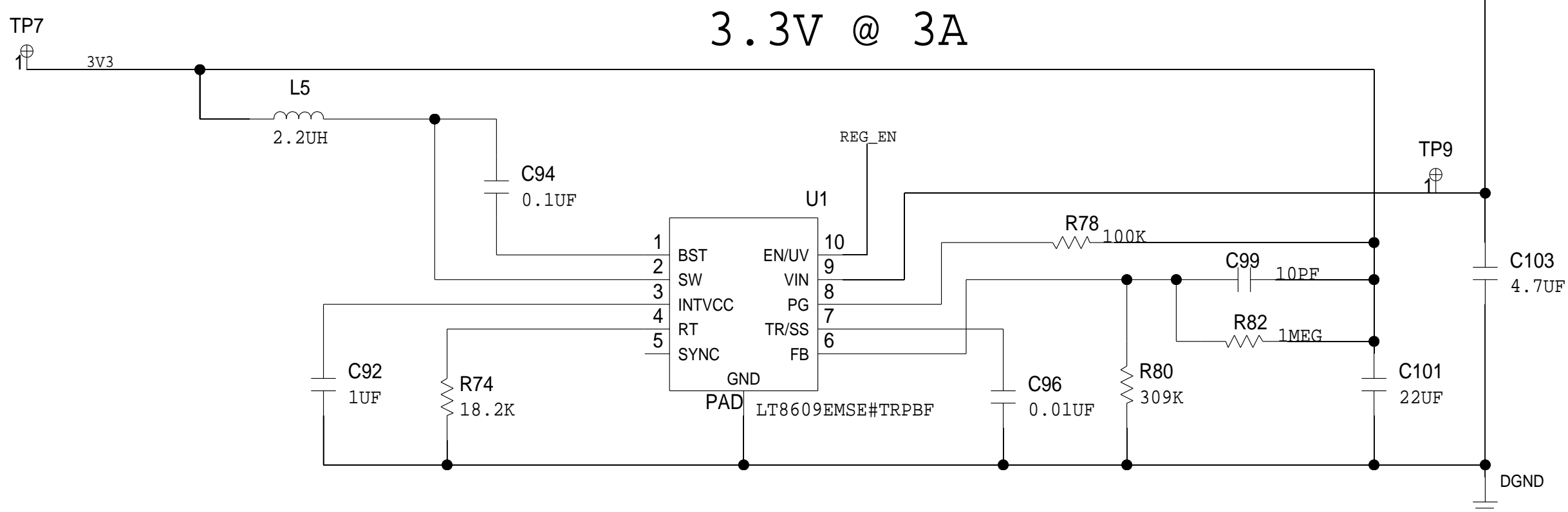
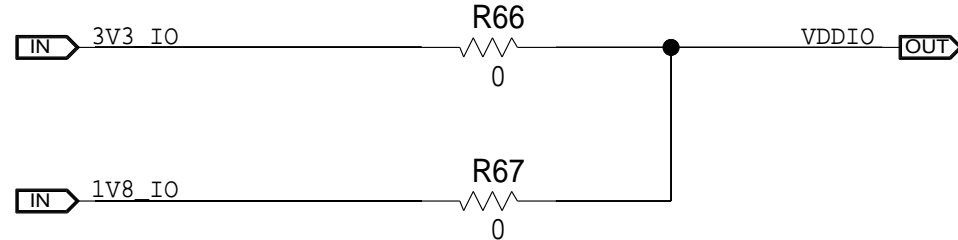
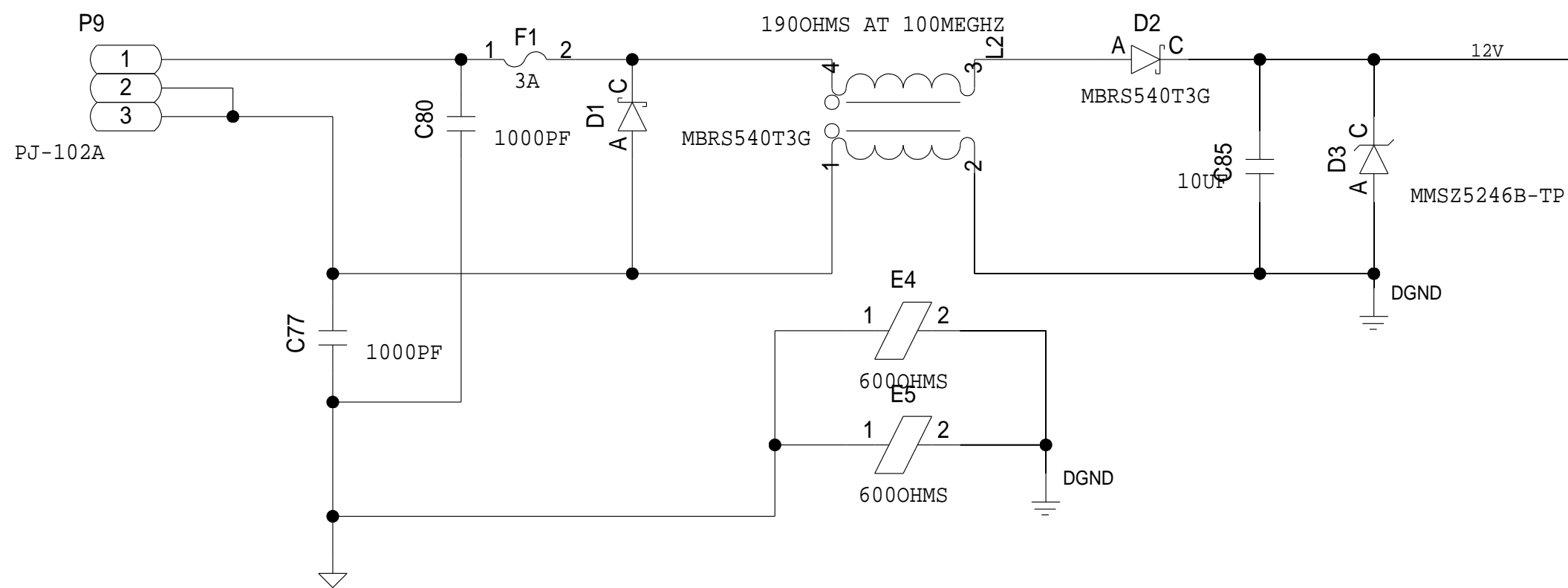


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| | SCHEMATIC | | | |
| | HW TYPE : Customer Evaluation Z Product(s): SOM : SOM Carrier | | | |
| | DESIGN VIEW <DESIGN_VIEW> | | DRAWING NO. 02_070361 | |
| | PTD ENGINEER D. HARRINGTON | | REV D | |

| | | |
|-----------|--------------|----------------|
| SIZE D | SCALE 1:1 | SHEET 10 OF 13 |
|-----------|--------------|----------------|

POWER SUPPLY

| REVISIONS | | | |
|-----------|-------------|------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| | | | |



| SCHEMATIC | | | |
|---|--------------------------|--------------|----------------|
| HW TYPE : Customer Evaluation Z Product(s): SOM : SOM Carrier | | | |
| DESIGN VIEW <DESIGN_VIEW> | DRAWING NO. 02_070361 | REV D | |
| PTD ENGINEER D. HARRINGTON | SIZE D | SCALE 1:1 | SHEET 11 OF 13 |

