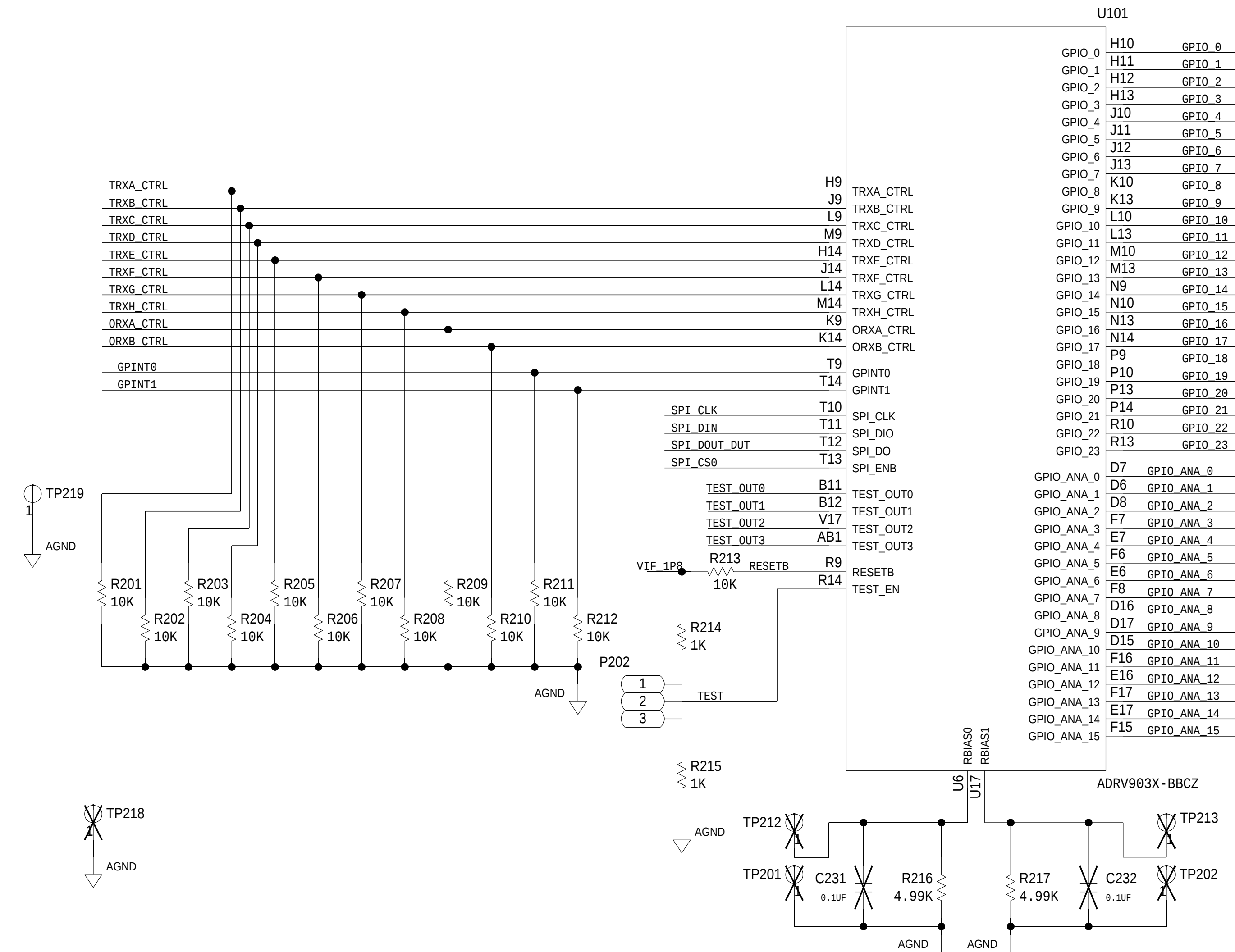
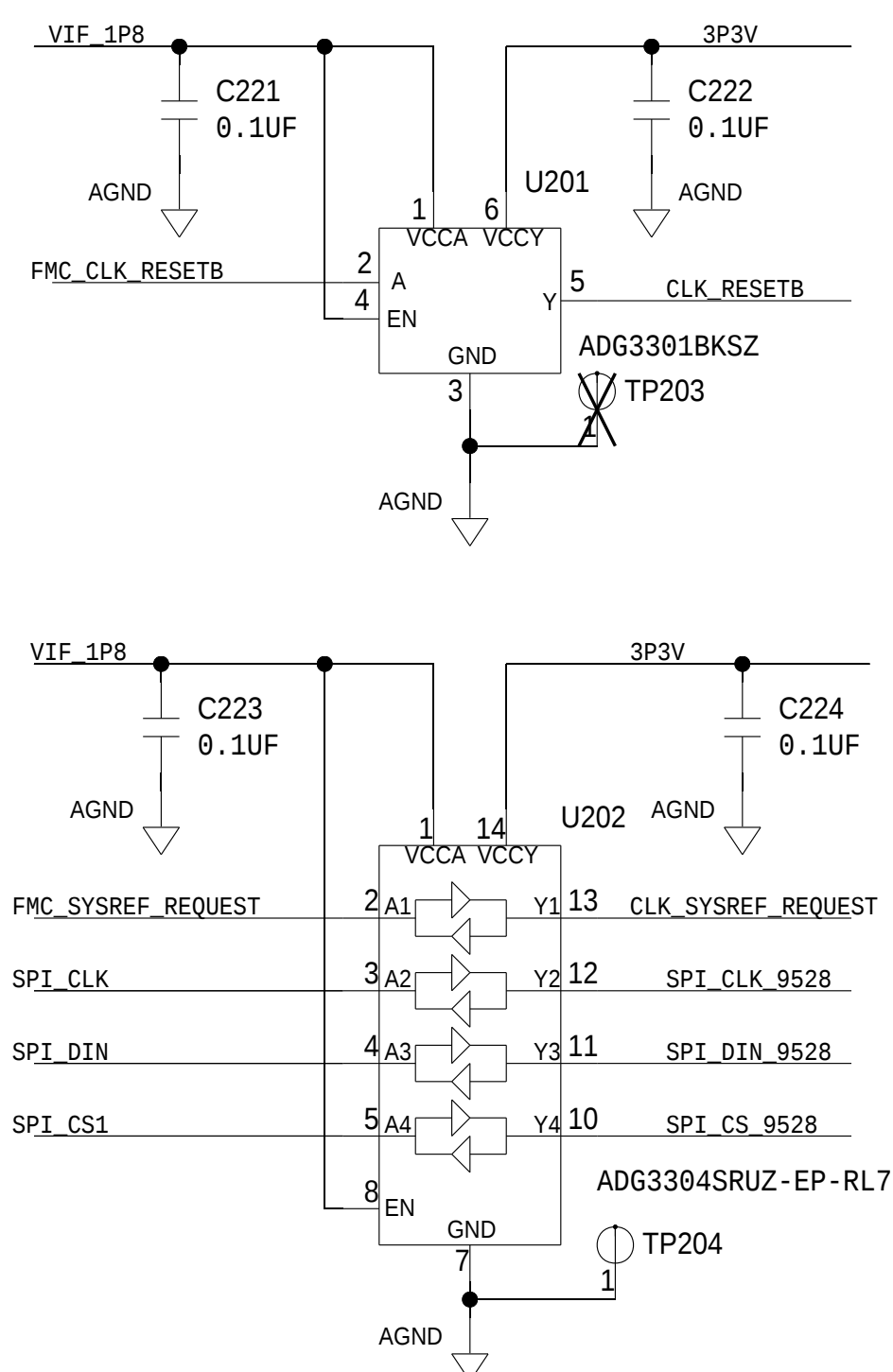


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| 8                  |                                                                                                                                                                                                                                                                                                                                               | 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> |   |               | JP# | ON | OFF | 1 |   |   | 2 |  |  | 3 |  |  | 4 |  |  | 5 |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  | REVISIONS |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
|                    |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               | JP# | ON | OFF |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
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| 2                  |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| 3                  |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| 4                  |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| 5                  |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| REV                | DESCRIPTION                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                            |           | DATE               | APPROVED  |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
|                    |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| C                  | RELAY CONTROL CHART                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
|                    | CONTROL                                                                                                                                                                                                                                                                                                                                       | CODE                                                                                                                                                                                                                       | DEVICE    | FUNCTION           | CONNECTOR |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
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|                    |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
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|                    |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
|                    |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
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|                    |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  | A |  |  |   |  |  | <div><table><tr><td>TEMPLATE ENGINEER</td><td>DATE</td><td colspan="4" rowspan="2">SCHEMATIC</td><td colspan="4" rowspan="2"></td></tr><tr><td>-</td><td></td></tr><tr><td>HARDWARE SERVICES</td><td></td><td colspan="8" rowspan="4">HW TYPE : Customer Evaluation<br/>Product(s): ADRV903x<br/>: N/A<br/><br/>PACKAGE : LeadCount-lead BodySize PackageType-family<br/>: Pitch-pitch StyleVendor Style<br/><br/>High Band<br/>ADRV903X-HB/PCBZ<br/>4500 MHZ to 6000 MHZ</td></tr><tr><td>-</td><td></td></tr><tr><td>HARDWARE SYSTEMS</td><td></td></tr><tr><td>-</td><td></td></tr><tr><td>TEST ENGINEER</td><td></td><td colspan="4" rowspan="2">DRAWING NO.<br/>02_064540-04</td><td colspan="2" rowspan="2">REV.<br/>C</td></tr><tr><td>-</td><td></td></tr><tr><td>COMPONENT ENGINEER</td><td></td><td colspan="4" rowspan="2">UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</td><td colspan="2" rowspan="2">TOLERANCES</td></tr><tr><td>-</td><td></td></tr><tr><td>TEST PROCESS</td><td></td><td colspan="2" rowspan="2">DECIMALS<br/>X.XX +0.010<br/>X.XXX +-0.005</td><td colspan="2" rowspan="2">FRACTIONS<br/>+1/32</td><td colspan="2" rowspan="2">ANGLES<br/>+2</td></tr><tr><td>-</td><td></td></tr><tr><td>HARDWARE RELEASE</td><td></td><td colspan="2" rowspan="2">SIZE<br/>D</td><td colspan="2" rowspan="2">SCALE<br/>1:1</td><td colspan="2" rowspan="2">CODE ID NO.<br/>CodeID</td><td colspan="2" rowspan="2">SHEET 1 OF 16</td></tr><tr><td>-</td><td></td></tr><tr><td>DESIGNER</td><td></td><td colspan="2" rowspan="2">PTD ENGINEER</td><td colspan="2" rowspan="2">CHECKER</td><td colspan="2" rowspan="2">DRAWING NO.<br/>02_064540-04</td><td colspan="2" rowspan="2">REV.<br/>C</td></tr><tr><td>-</td><td></td></tr><tr><td>P.O SPEC.</td><td>BK/BD SPEC.</td><td>SOCKET OEM</td><td>OEM PART#</td><td>HANDLER</td></tr></table></div> |  |  |  |  |  |  |  |  |  |           |  |  |  |  | TEMPLATE ENGINEER | DATE | SCHEMATIC |  |  |  |  |  |  |  | - |  | HARDWARE SERVICES |  | HW TYPE : Customer Evaluation<br>Product(s): ADRV903x<br>: N/A<br><br>PACKAGE : LeadCount-lead BodySize PackageType-family<br>: Pitch-pitch StyleVendor Style<br><br>High Band<br>ADRV903X-HB/PCBZ<br>4500 MHZ to 6000 MHZ |  |  |  |  |  |  |  | - |  | HARDWARE SYSTEMS |  | - |  | TEST ENGINEER |  | DRAWING NO.<br>02_064540-04 |  |  |  | REV.<br>C |  | - |  | COMPONENT ENGINEER |  | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |  |  |  | TOLERANCES |  | - |  | TEST PROCESS |  | DECIMALS<br>X.XX +0.010<br>X.XXX +-0.005 |  | FRACTIONS<br>+1/32 |  | ANGLES<br>+2 |  | - |  | HARDWARE RELEASE |  | SIZE<br>D |  | SCALE<br>1:1 |  | CODE ID NO.<br>CodeID |  |
| TEMPLATE ENGINEER  | DATE                                                                                                                                                                                                                                                                                                                                          | SCHEMATIC                                                                                                                                                                                                                  |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
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| HARDWARE SERVICES  |                                                                                                                                                                                                                                                                                                                                               | HW TYPE : Customer Evaluation<br>Product(s): ADRV903x<br>: N/A<br><br>PACKAGE : LeadCount-lead BodySize PackageType-family<br>: Pitch-pitch StyleVendor Style<br><br>High Band<br>ADRV903X-HB/PCBZ<br>4500 MHZ to 6000 MHZ |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
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| HARDWARE SYSTEMS   |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
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| TEST ENGINEER      |                                                                                                                                                                                                                                                                                                                                               | DRAWING NO.<br>02_064540-04                                                                                                                                                                                                |           |                    |           | REV.<br>C                                                                                                                                                                                                                                                                    |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
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| COMPONENT ENGINEER |                                                                                                                                                                                                                                                                                                                                               | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES                                                                                                                                                                        |           |                    |           | TOLERANCES                                                                                                                                                                                                                                                                   |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| -                  |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| TEST PROCESS       |                                                                                                                                                                                                                                                                                                                                               | DECIMALS<br>X.XX +0.010<br>X.XXX +-0.005                                                                                                                                                                                   |           | FRACTIONS<br>+1/32 |           | ANGLES<br>+2                                                                                                                                                                                                                                                                 |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| -                  |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| HARDWARE RELEASE   |                                                                                                                                                                                                                                                                                                                                               | SIZE<br>D                                                                                                                                                                                                                  |           | SCALE<br>1:1       |           | CODE ID NO.<br>CodeID                                                                                                                                                                                                                                                        |   | SHEET 1 OF 16 |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| -                  |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| DESIGNER           |                                                                                                                                                                                                                                                                                                                                               | PTD ENGINEER                                                                                                                                                                                                               |           | CHECKER            |           | DRAWING NO.<br>02_064540-04                                                                                                                                                                                                                                                  |   | REV.<br>C     |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| -                  |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            |           |                    |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| P.O SPEC.          | BK/BD SPEC.                                                                                                                                                                                                                                                                                                                                   | SOCKET OEM                                                                                                                                                                                                                 | OEM PART# | HANDLER            |           |                                                                                                                                                                                                                                                                              |   |               |     |    |     |   |   |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |
| 8                  | 7                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                            | 6         |                    | 5         |                                                                                                                                                                                                                                                                              | 4 |               | 3   |    | 2   |   | 1 |   |   |  |  |   |  |  |   |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |           |  |  |  |  |                   |      |           |  |  |  |  |  |  |  |   |  |                   |  |                                                                                                                                                                                                                            |  |  |  |  |  |  |  |   |  |                  |  |   |  |               |  |                             |  |  |  |           |  |   |  |                    |  |                                                     |  |  |  |            |  |   |  |              |  |                                          |  |                    |  |              |  |   |  |                  |  |           |  |              |  |                       |  |

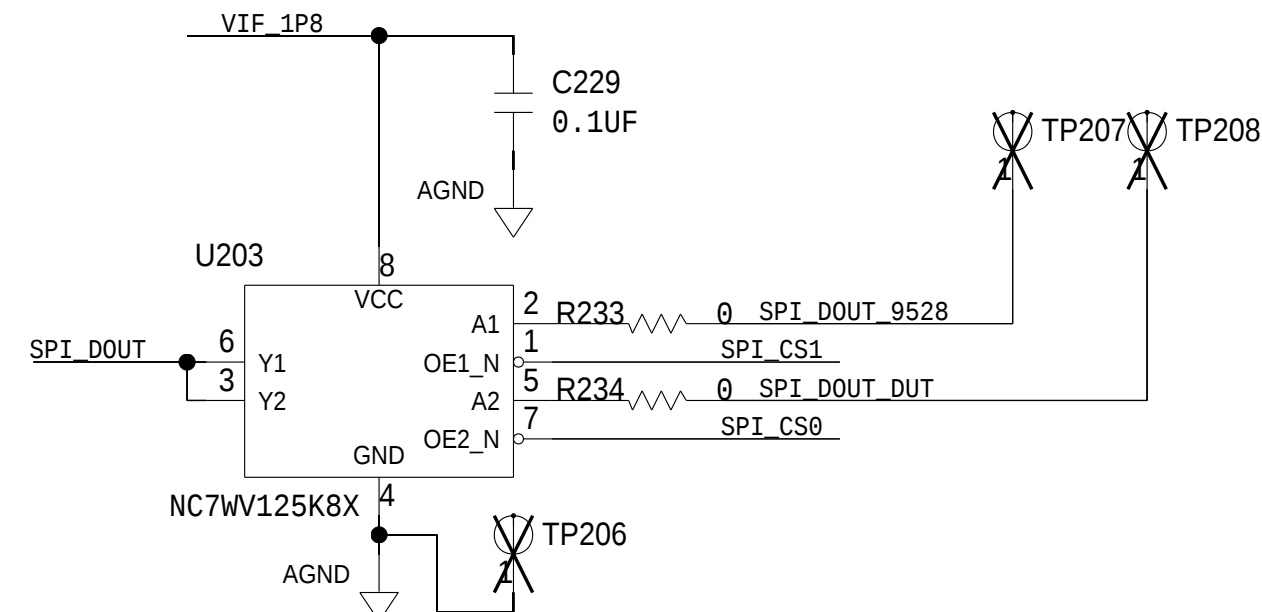
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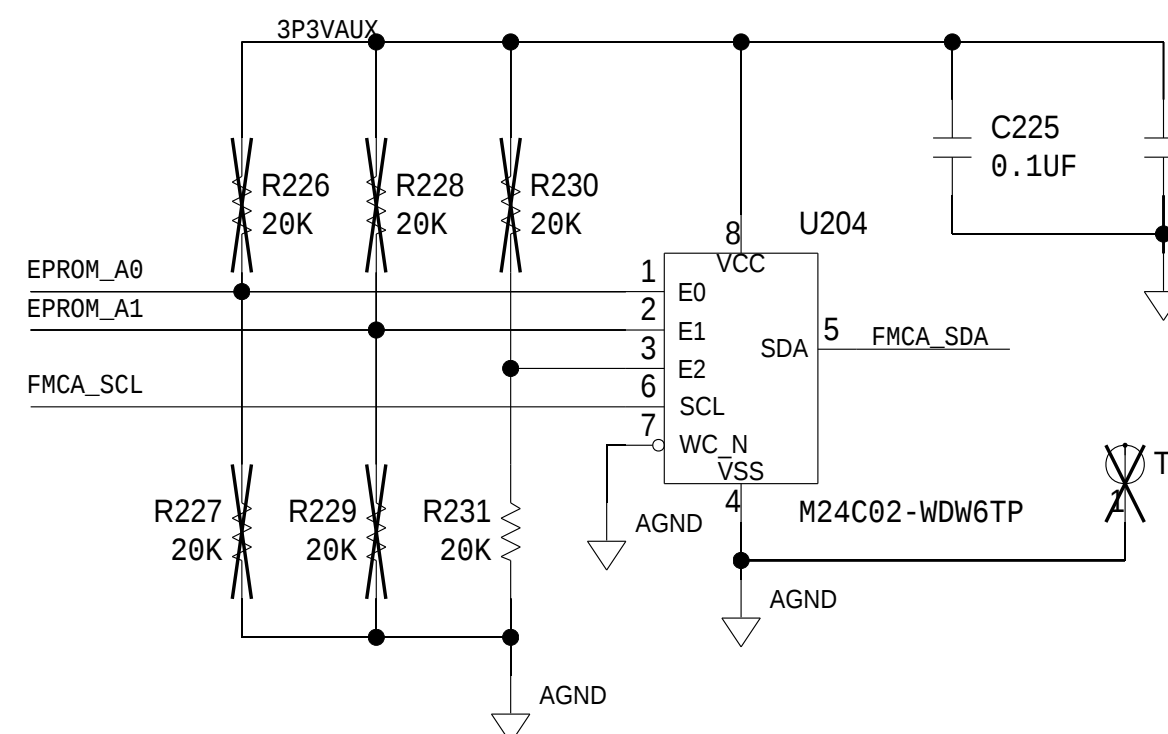
## LEVEL SHIFTERS



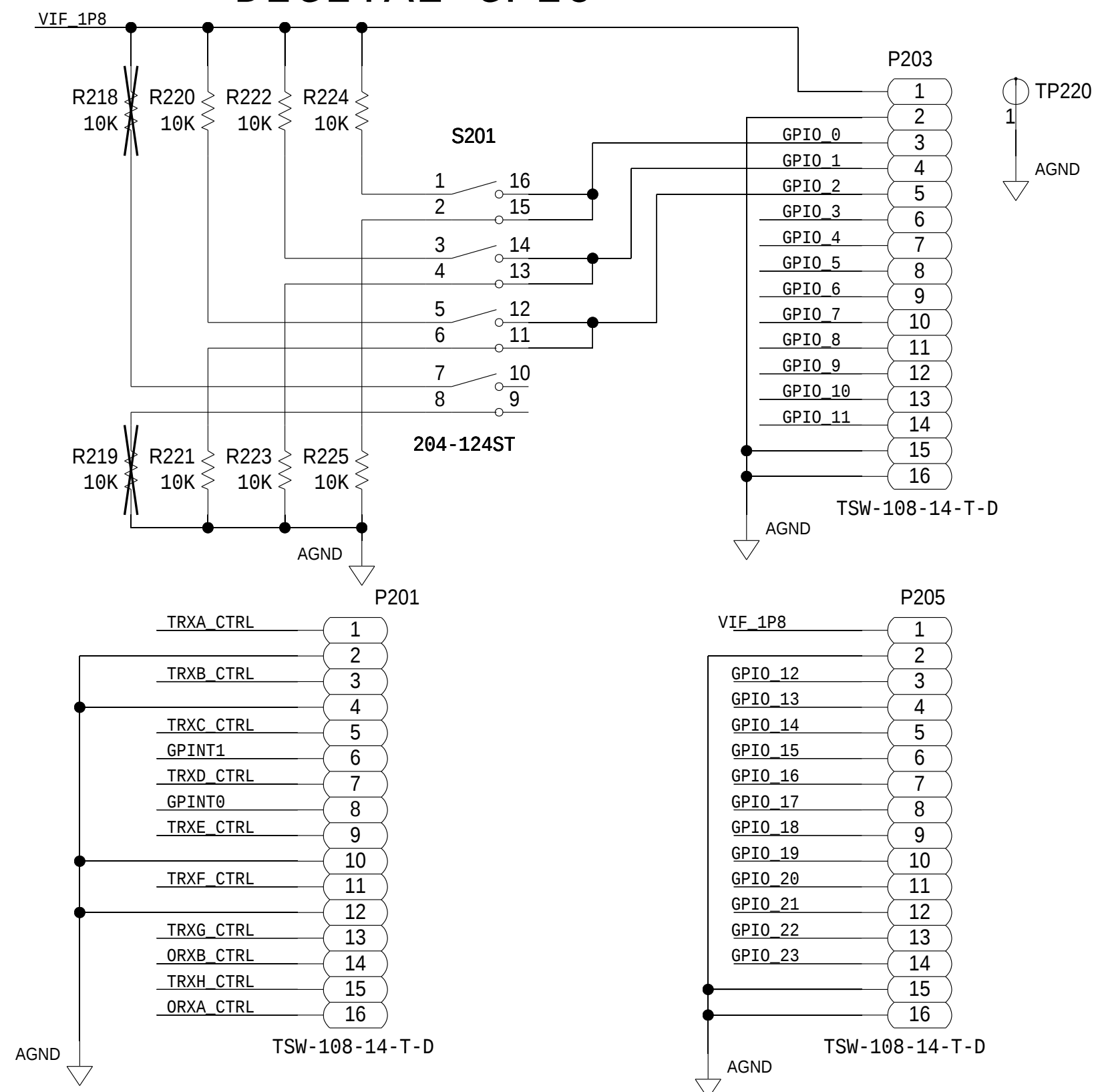
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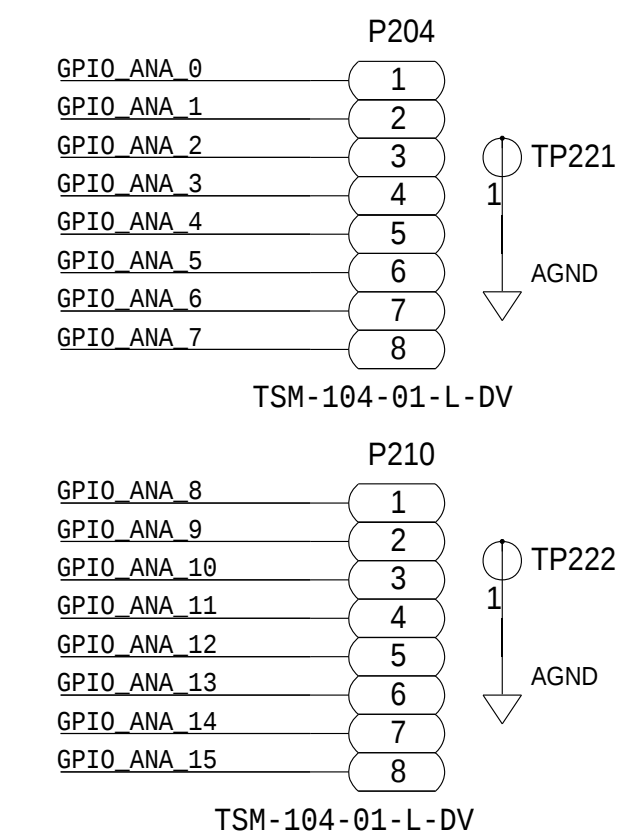
## BOARD ID EEPROM



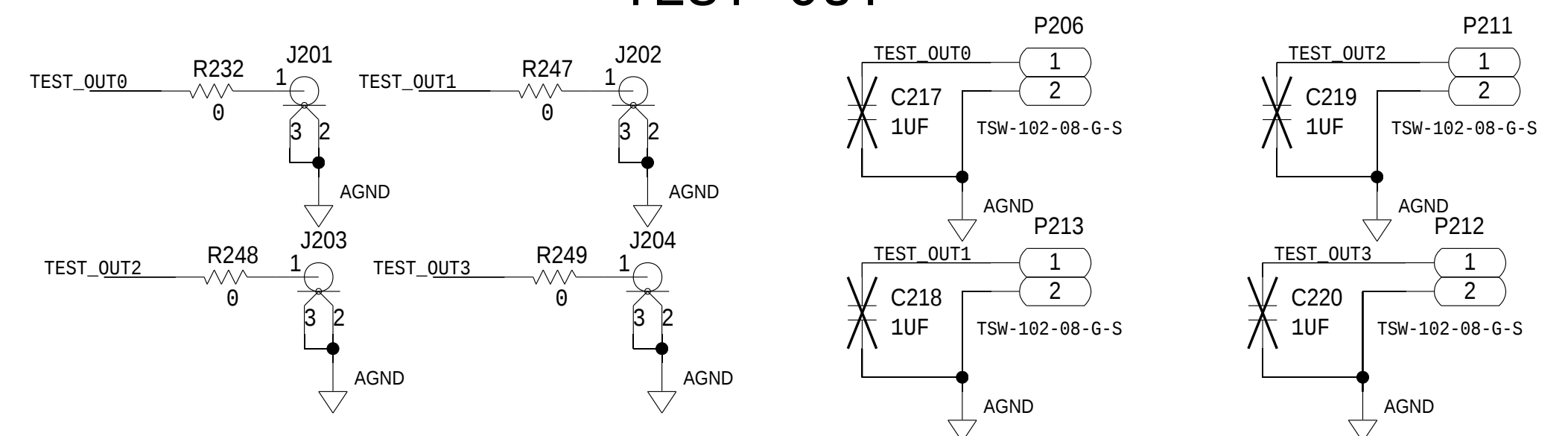
## DIGITAL GPIO



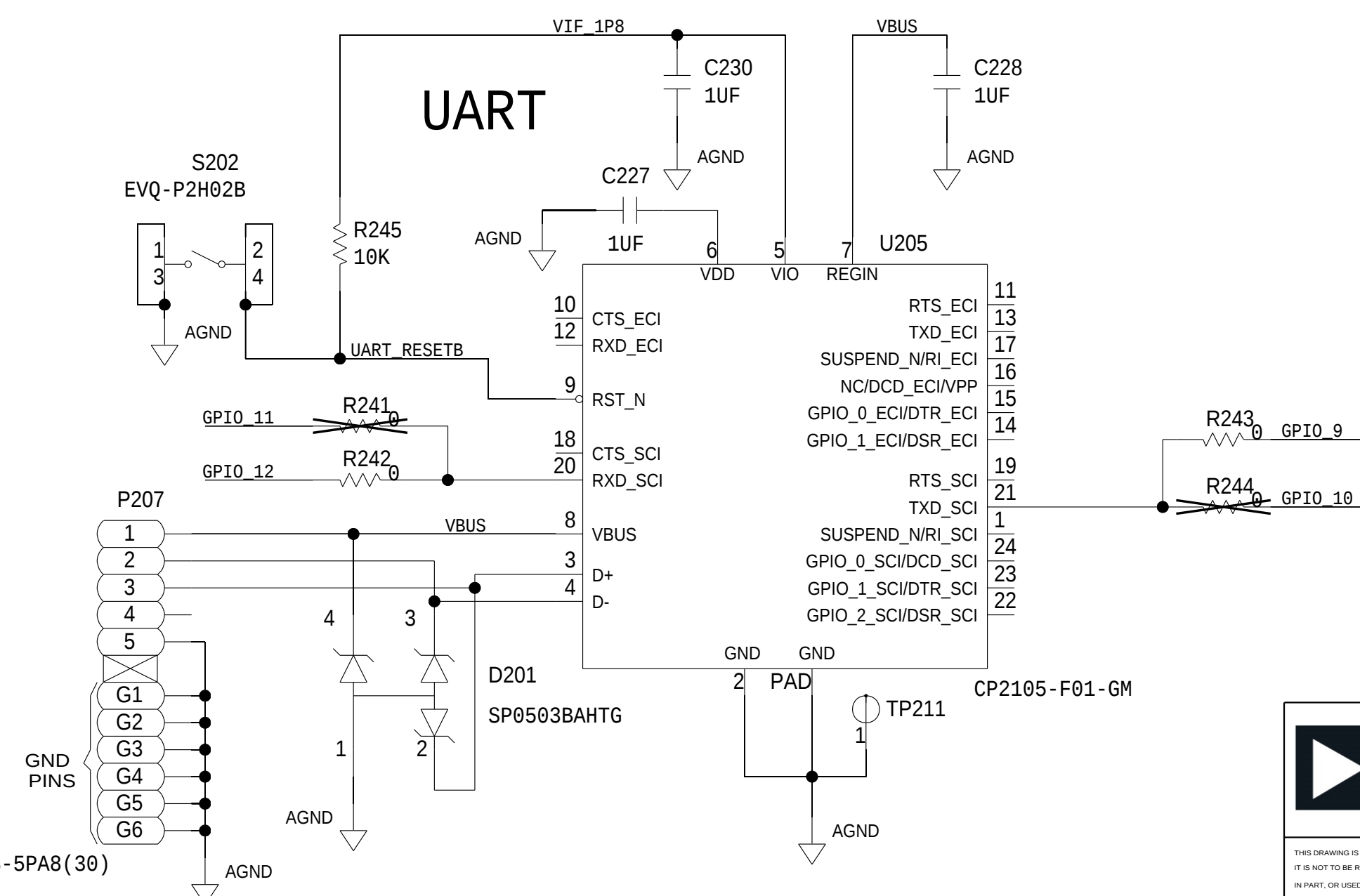
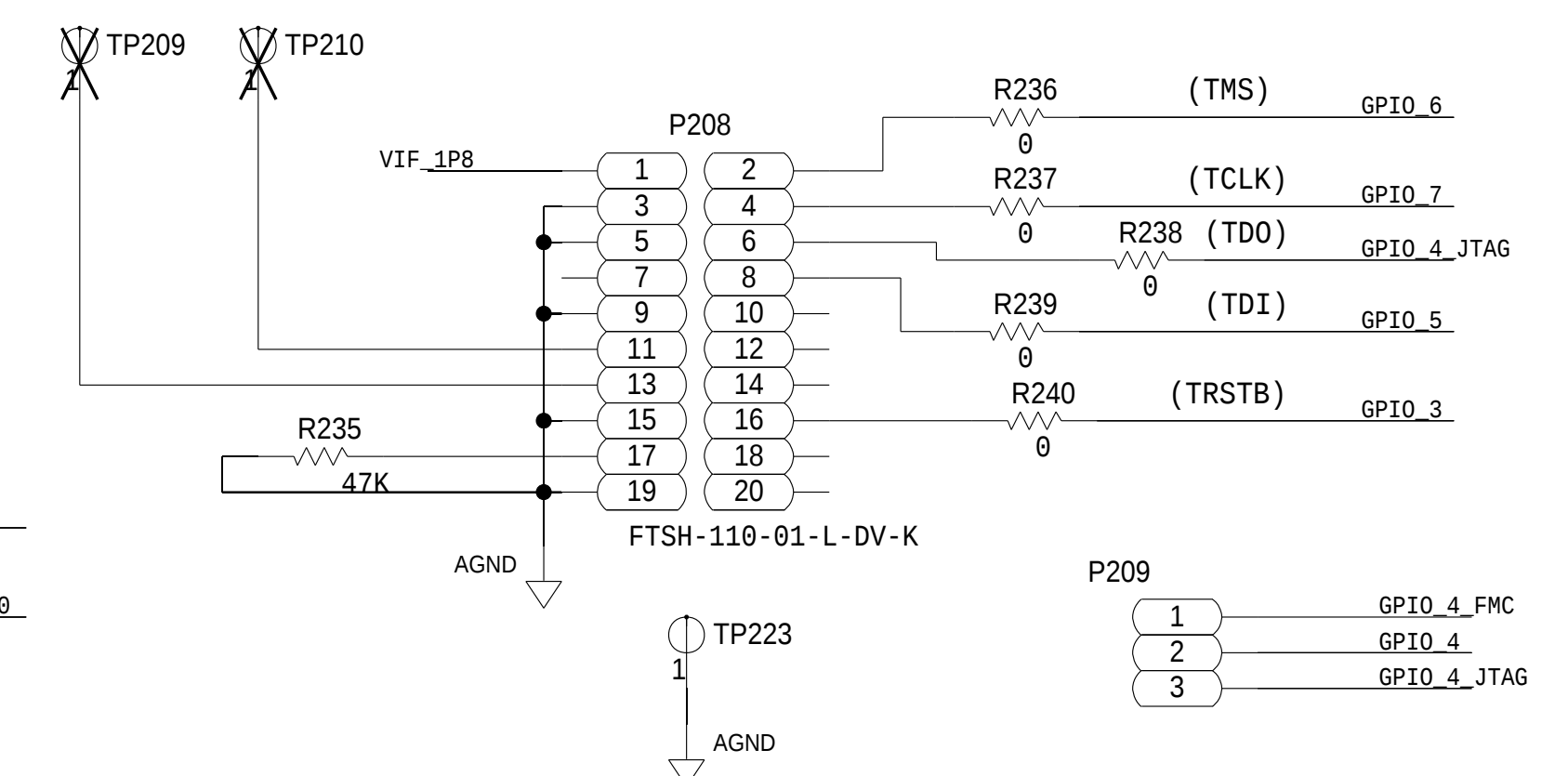
## ANALOG GPIO



TEST OUT



## JTAG INTERFACE



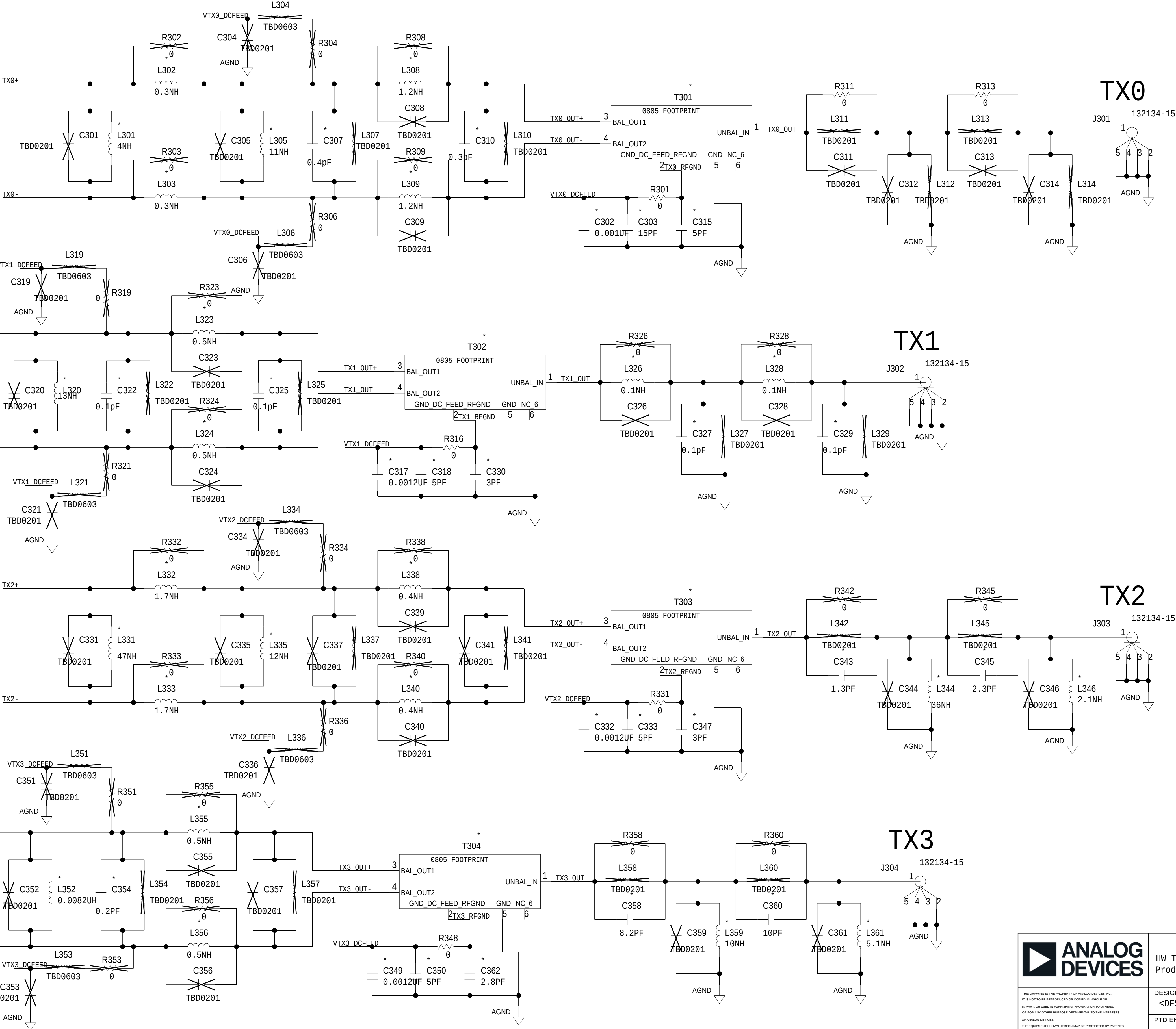
| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
| REV       | DESCRIPTION | DATE | APPROVED |
|           |             |      |          |

|                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                 |     |              |       |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------|-----|--------------|-------|---------------|
| <div></div> <div>ANALOG<br/>DEVICES</div>                                                                                                                                                                                                                                                    |  | SCHEMATIC                                                       |     |              |       |               |
|                                                                                                                                                                                                                                                                                                                                                                                   |  | HW TYPE : Customer Evaluation<br>Product(s) : ADRV903X<br>: N/A |     |              |       |               |
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|                                                                                                                                                                                                                                                                                                                                                                                   |  | <DESIGN_VIEW>                                                   |     | 02_064540-04 |       | C             |
|                                                                                                                                                                                                                                                                                                                                                                                   |  | PTD ENGINEER                                                    |     | SIZE         | SCALE | SHEET 2 OF 16 |
| -                                                                                                                                                                                                                                                                                                                                                                                 |  | D                                                               | 1:1 |              |       |               |

# TRANSMITTER RF OUTPUT

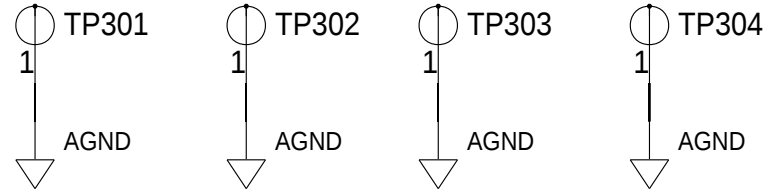
EVB MATCH HAS BEEN DESIGNED TO SUPPORT THE WIDEST MATCH POSSIBLE;  
MATCHING TOPOLOGY COULD BE REDUCED/SIMPLIFIED DEPENDING ON THE SYSTEM REQUIREMENTS.

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

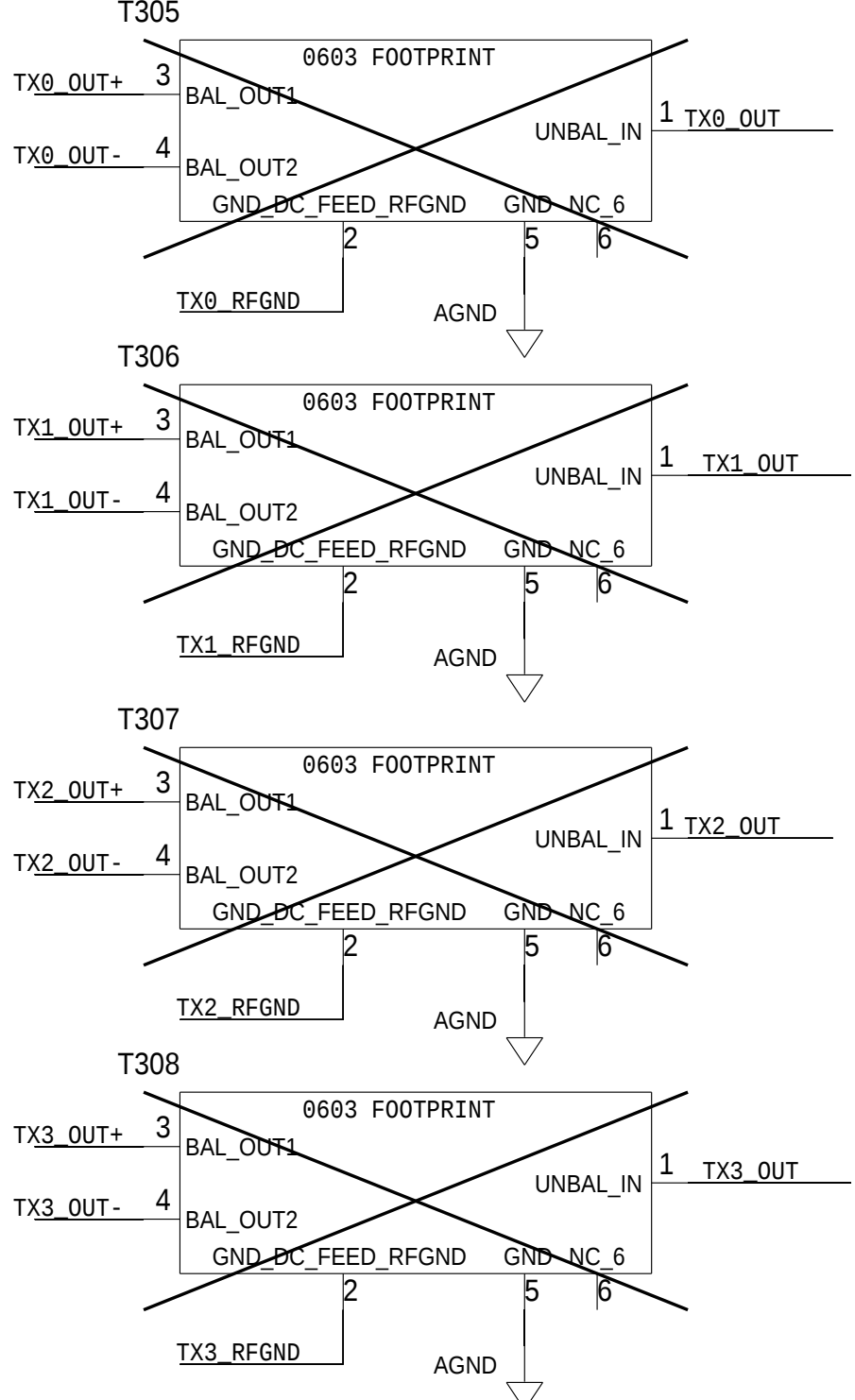


| U101 |          |
|------|----------|
| TX0P | C1 TX0+  |
| TX0N | B1 TX0-  |
| TX1P | G1 TX1+  |
| TX1N | F1 TX1-  |
| TX2P | R1 TX2+  |
| TX2N | P1 TX2-  |
| TX3P | W1 TX3+  |
| TX3N | V1 TX3-  |
| TX4P | B22 TX4+ |
| TX4N | C22 TX4- |
| TX5P | F22 TX5+ |
| TX5N | G22 TX5- |
| TX6P | P22 TX6+ |
| TX6N | R22 TX6- |
| TX7P | V22 TX7+ |
| TX7N | W22 TX7- |

ADRV903X-BBCZ



## OVERLAP TX BALUNS



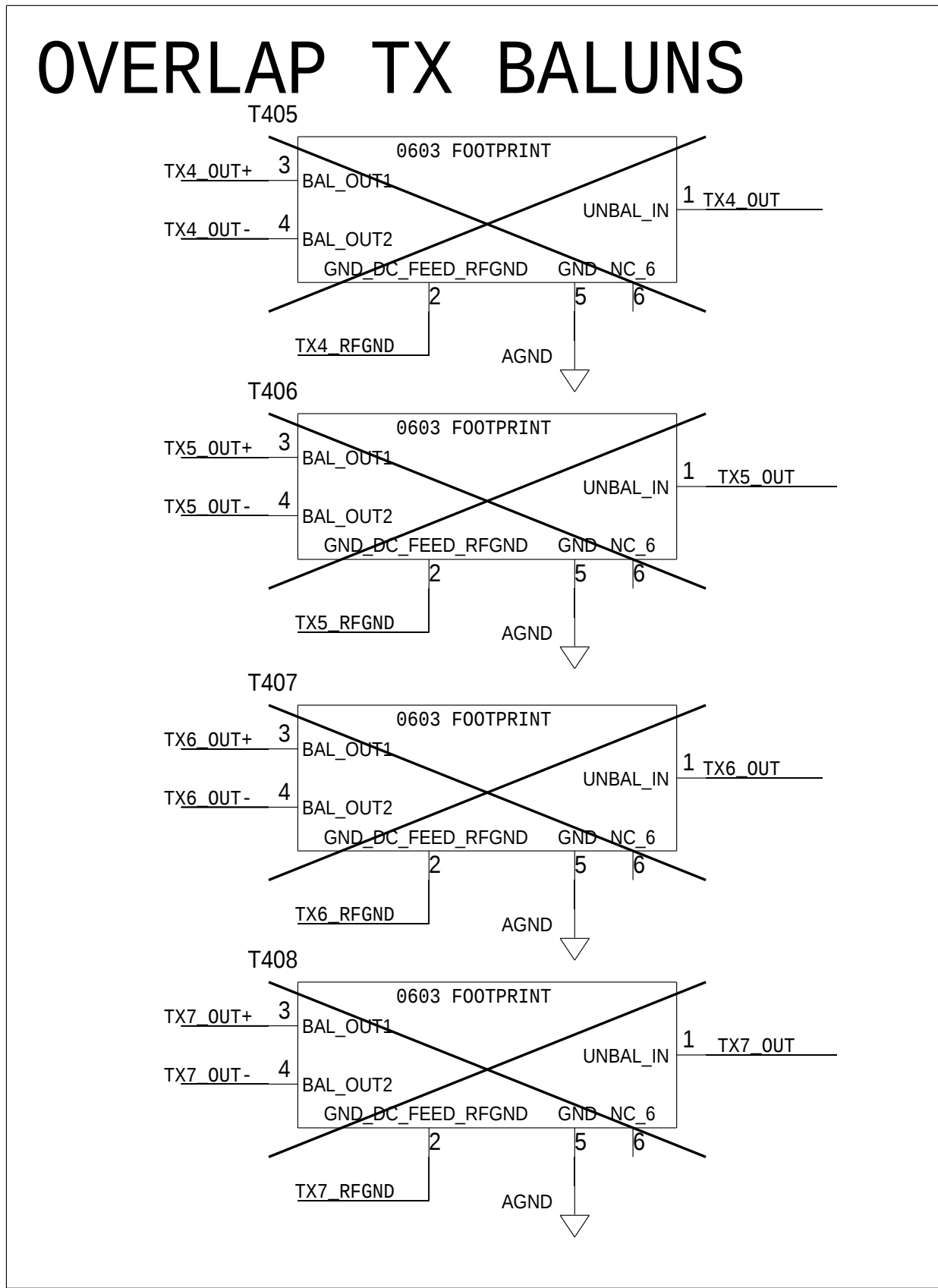
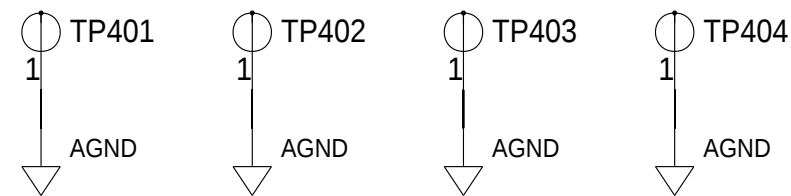
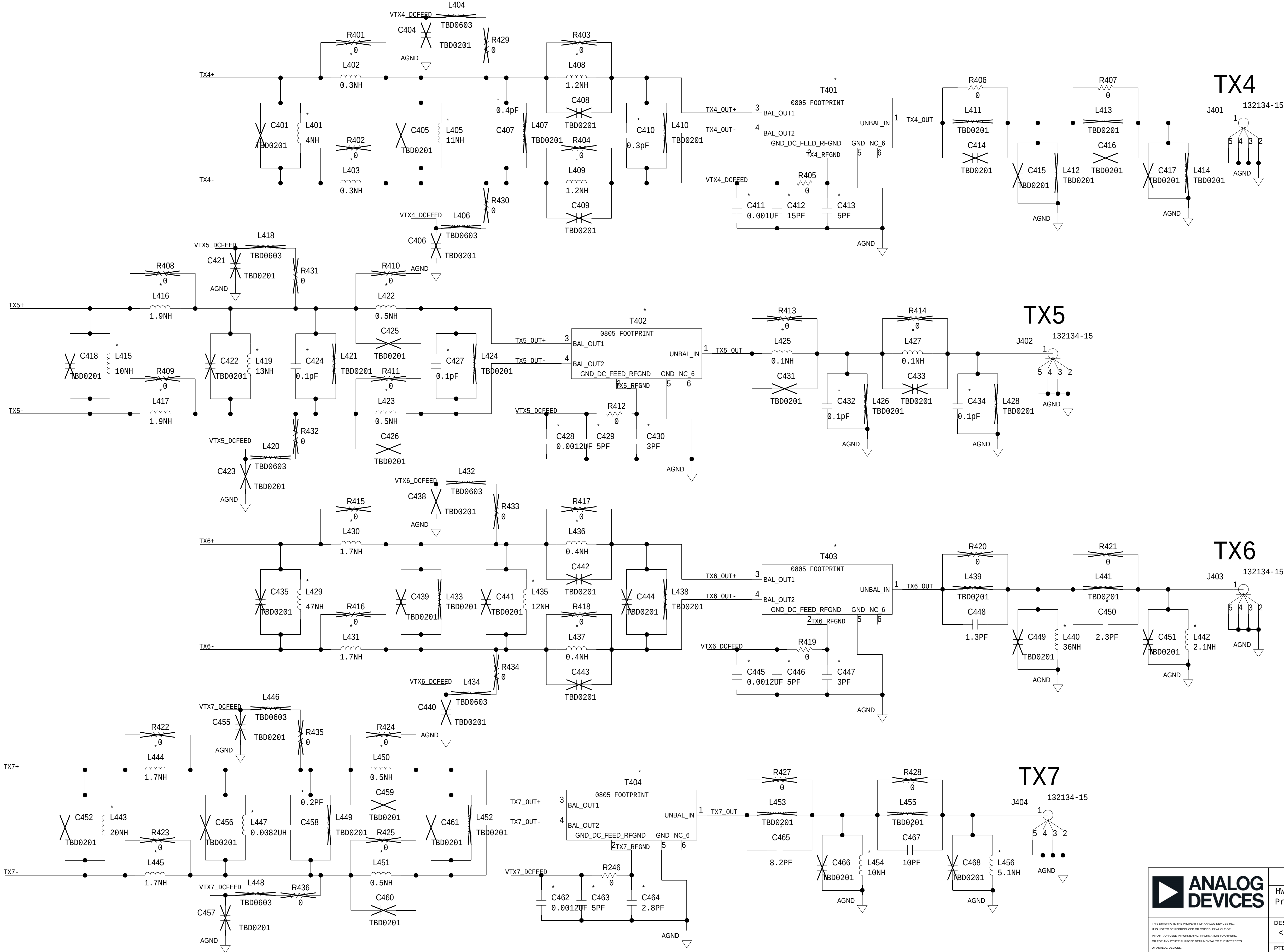
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| SCHEMATIC                                                       |                             |              |               |
|-----------------------------------------------------------------|-----------------------------|--------------|---------------|
| HW TYPE : Customer Evaluation<br>Product(s) : ADRV903x<br>: N/A |                             |              |               |
| DESIGN VIEW<br><DESIGN_VIEW>                                    | DRAWING NO.<br>02_064540-04 | REV<br>C     |               |
| PTD ENGINEER<br>-                                               | SIZE<br>D                   | SCALE<br>1:1 | SHEET 3 OF 16 |

# TRANSMITTER RF OUTPUT

EVb MATCH HAS BEEN DESIGNED TO SUPPORT THE WIDEST MATCH POSSIBLE;  
MATCHING TOPOLOGY COULD BE REDUCED/SIMPLIFIED DEPENDING ON THE SYSTEM REQUIREMENTS.

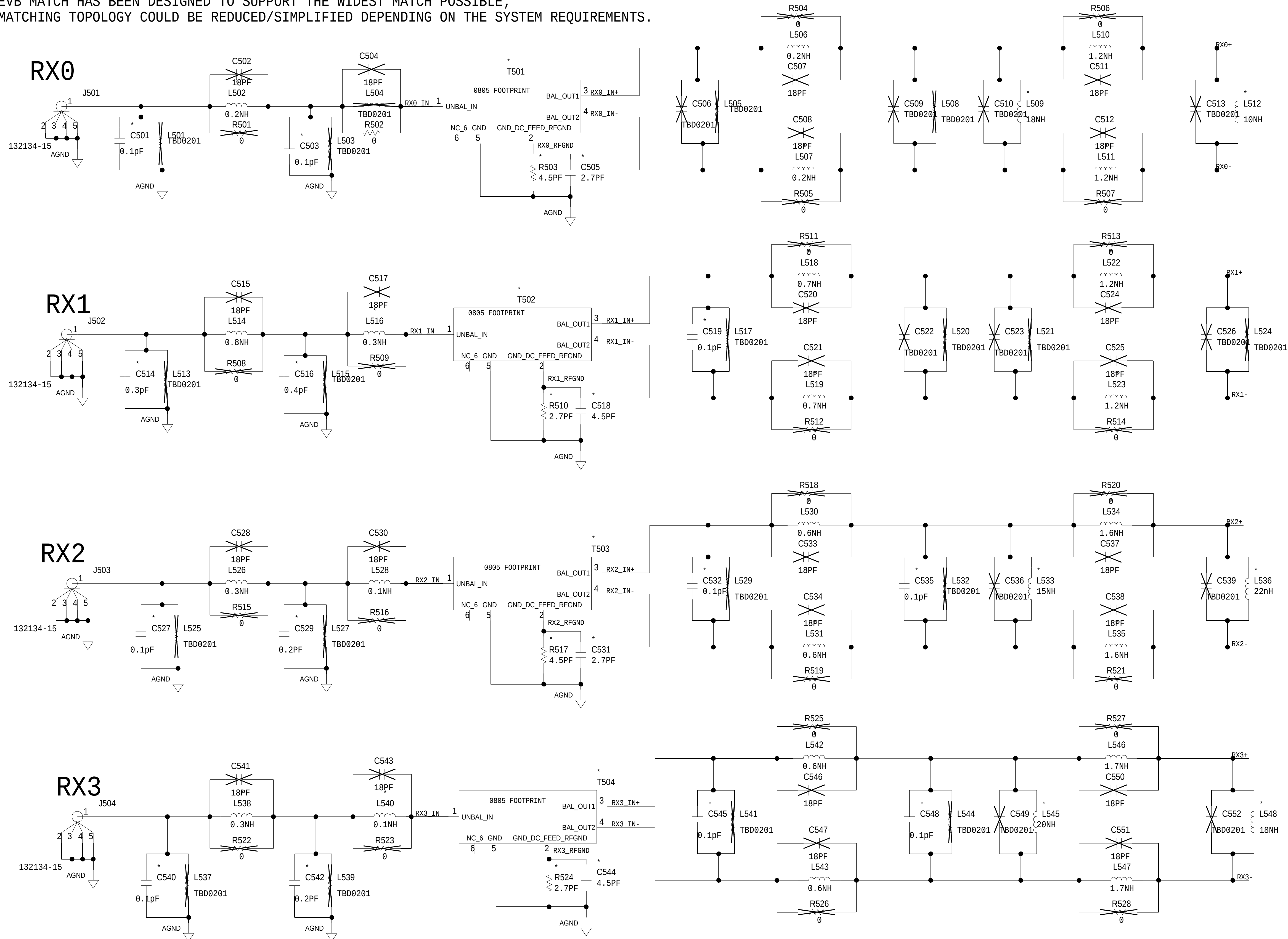
| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
| REV       | DESCRIPTION | DATE | APPROVED |
|           |             |      |          |



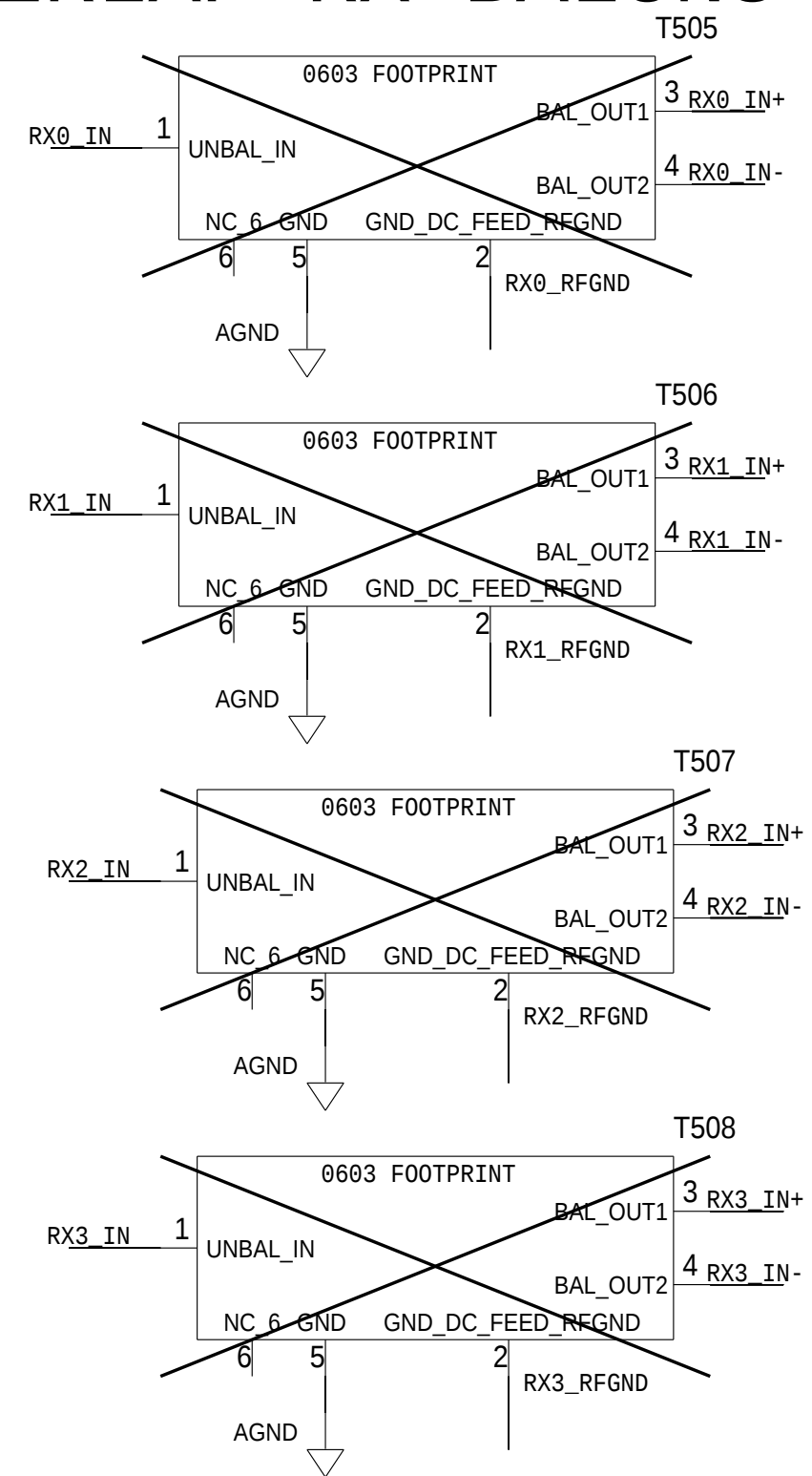
| SCHEMATIC                                                       |                             |              |               |
|-----------------------------------------------------------------|-----------------------------|--------------|---------------|
| HW TYPE : Customer Evaluation<br>Product(s) : ADRV903x<br>: N/A |                             |              |               |
| DESIGN VIEW<br><DESIGN_VIEW>                                    | DRAWING NO.<br>02_064540-04 | REV<br>C     |               |
| PTD ENGINEER<br>-                                               | SIZE<br>D                   | SCALE<br>1:1 | SHEET 4 OF 16 |

# RECEIVER RF INPUT

EVb MATCH HAS BEEN DESIGNED TO SUPPORT THE WIDEST MATCH POSSIBLE;  
MATCHING TOPOLOGY COULD BE REDUCED/SIMPLIFIED DEPENDING ON THE SYSTEM REQUIREMENTS.



## OVERLAP RX BALUNS



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

RX0+ C4

RX0- D4

RX1+ G4

RX1- H4

RX2+ N4

RX2- T4

RX3+ U4

RX3- D19

RX4+ C19

RX4- H19

RX5+ G19

RX5- N19

RX6+ M19

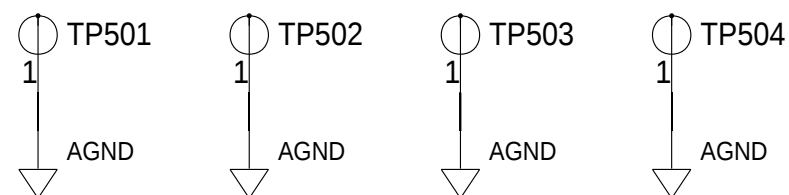
RX6- T19

RX7+ U19

RX7- T19

U101

ADRV903X-BBCZ



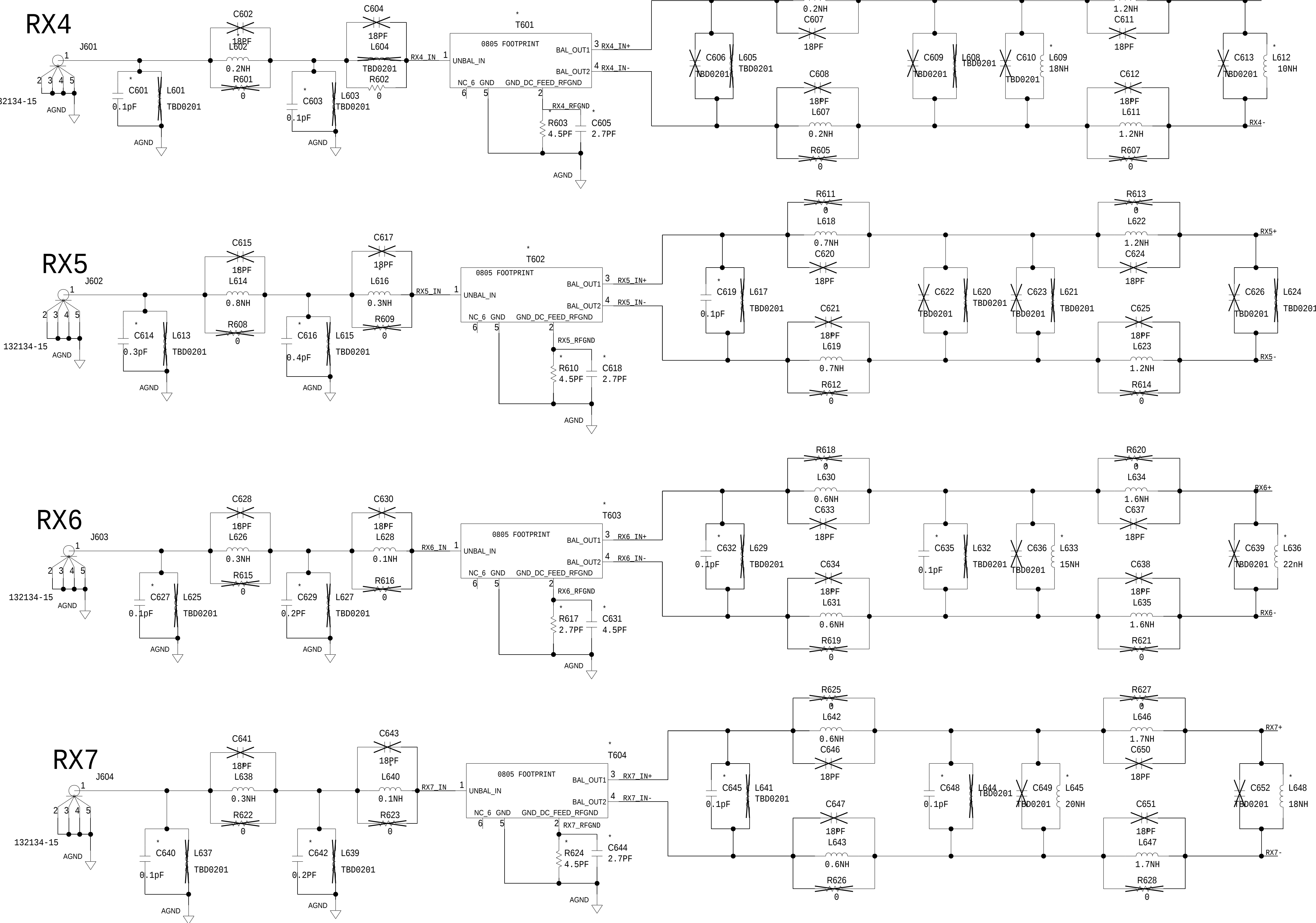
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| SCHEMATIC                     |              |       |               |
|-------------------------------|--------------|-------|---------------|
| HW TYPE : Customer Evaluation |              |       |               |
| Product(s): ADRV903x          |              |       |               |
| : N/A                         |              |       |               |
| DESIGN VIEW                   | DRAWING NO.  |       | REV           |
| <DESIGN_VIEW>                 | 02_064540-04 |       | C             |
| PTD ENGINEER                  | SIZE         | SCALE | SHEET 5 OF 16 |
| -                             | D            | 1:1   |               |

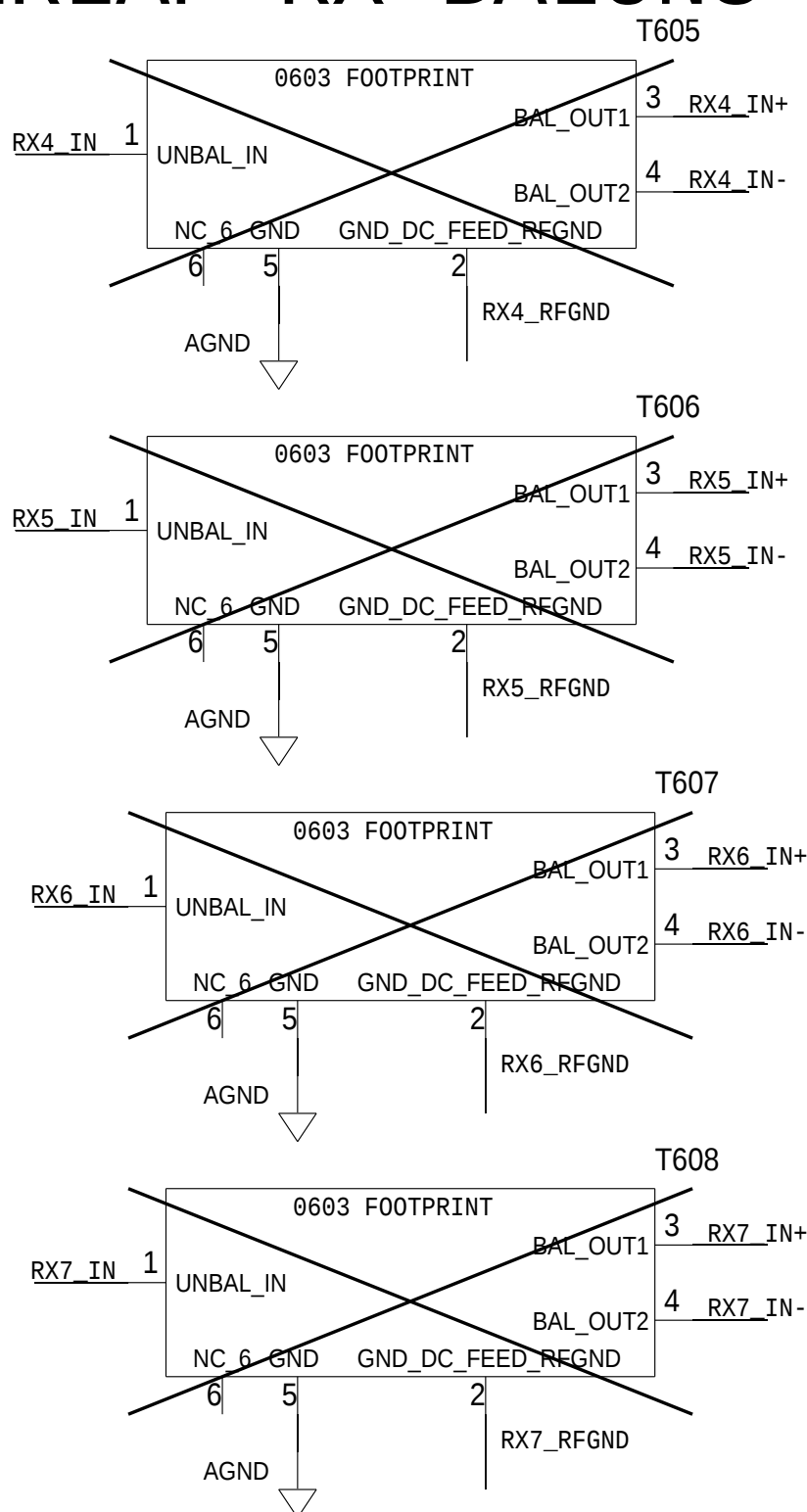
# RECEIVER RF INPUT

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



## OVERLAP RX BALUNS



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| SCHEMATIC                                                      |                             |              |               |
|----------------------------------------------------------------|-----------------------------|--------------|---------------|
| HW TYPE : Customer Evaluation<br>Product(s): ADRV903x<br>: N/A |                             |              |               |
| DESIGN VIEW<br><DESIGN_VIEW>                                   | DRAWING NO.<br>02_064540-04 | REV<br>C     |               |
| PTD ENGINEER<br>-                                              | SIZE<br>D                   | SCALE<br>1:1 | SHEET 6 OF 16 |

EVb MATCH HAS BEEN DESIGNED TO SUPPORT THE WIDEST MATCH POSSIBLE;  
MATCHING TOPOLOGY COULD BE REDUCED/SIMPLIFIED DEPENDING ON THE SYSTEM REQUIREMENTS.



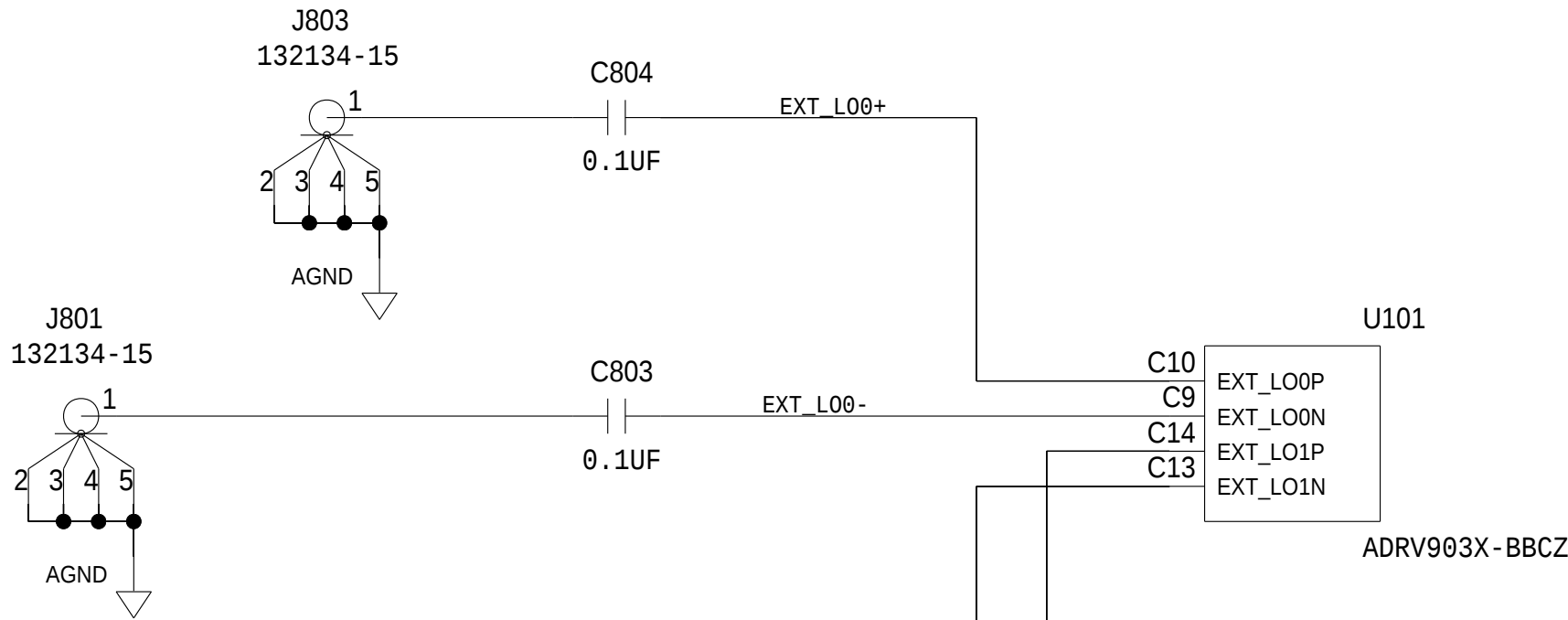
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# EXTERNAL L0 IN/OUT

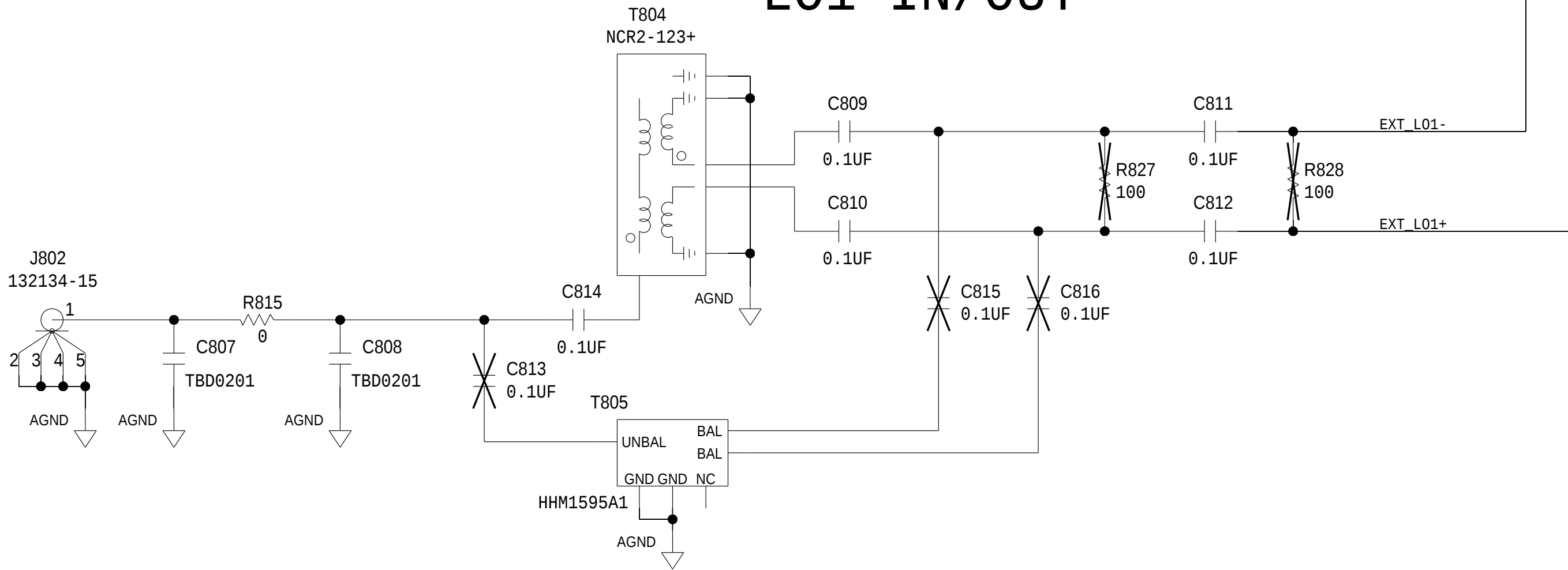
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| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
| REV       | DESCRIPTION | DATE | APPROVED |
|           |             |      |          |

## L00 IN/OUT



## L01 IN/OUT

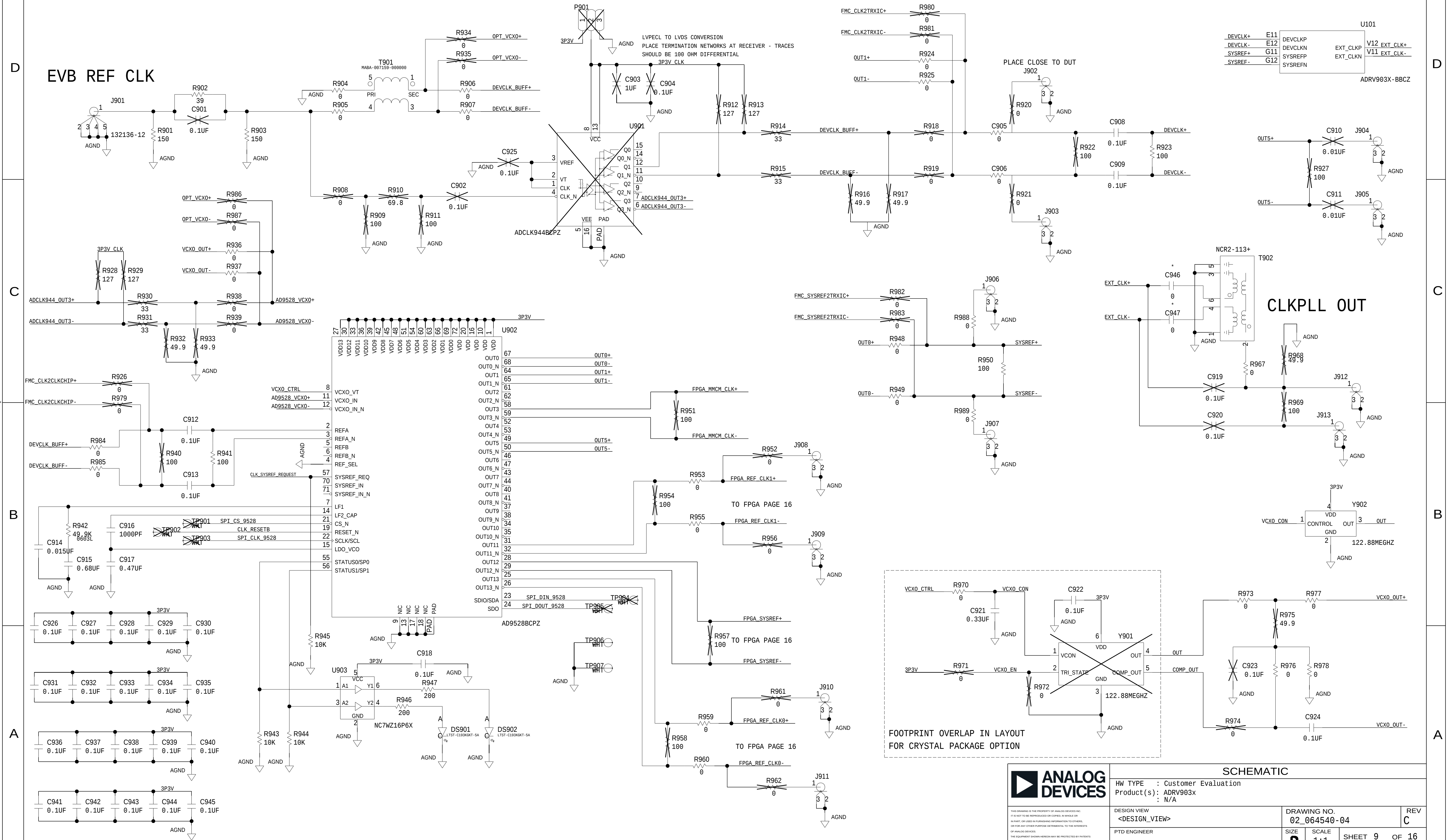


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THE EQUIPMENT SHOWN HEREON MAY BE PROTECTED BY PATENTS  
OWNED OR CONTROLLED BY OWNED ANALOG DEVICES.

| SCHEMATIC                                                      |  |  |                             |              |               |
|----------------------------------------------------------------|--|--|-----------------------------|--------------|---------------|
| HW TYPE : Customer Evaluation<br>Product(s): ADRV903x<br>: N/A |  |  |                             |              |               |
| DESIGN VIEW<br><DESIGN_VIEW>                                   |  |  | DRAWING NO.<br>02_064540-04 |              | REV<br>C      |
| PTD ENGINEER<br>-                                              |  |  | SIZE<br>D                   | SCALE<br>1:1 | SHEET 8 OF 16 |

# CLOCK GENERATION/DISTRIBUTION

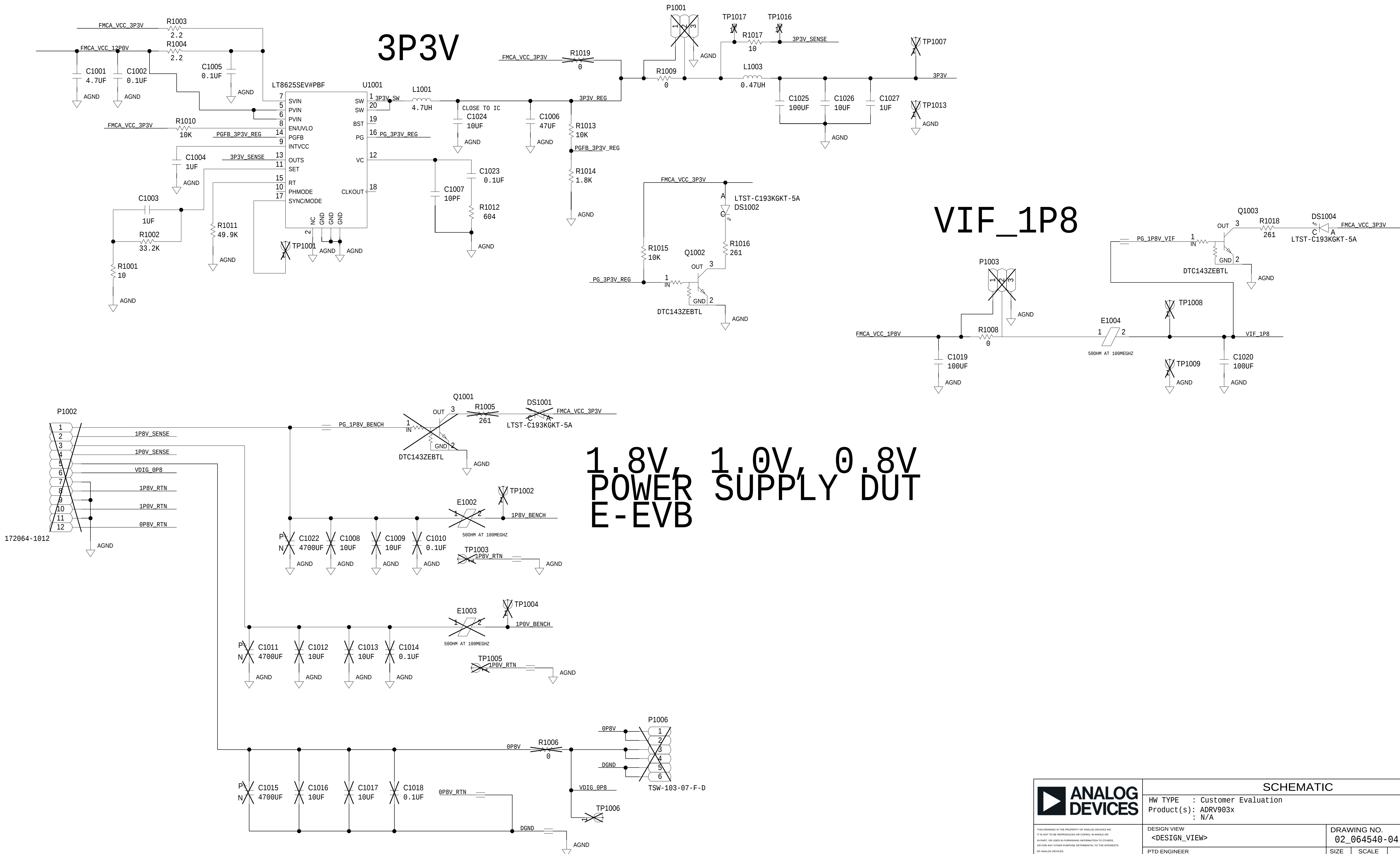
| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
| REV       | DESCRIPTION | DATE | APPROVED |
|           |             |      |          |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                            |          |                                    |                |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------|------------------------------------|----------------|-----------------|
|                                                                                                                                                                                                                                                                                                                                                                   | <h1 style="text-align: center;">SCHEMATIC</h1>                                             |          |                                    |                |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>HW TYPE : Customer Evaluation<br/>         Product(s) : ADRV903x<br/>         : N/A</p> |          |                                    |                |                 |
| <small>THIS DRAWING IS THE PROPERTY OF ANALOG DEVICES INC.<br/>         IT IS NOT TO BE REPRODUCED OR COPIED, IN WHOLE OR<br/>         IN PART, OR USED IN ANY MANNER (INCLUDING INFORMATION FEEDBACK,<br/>         OR FOR ANY OTHER PURPOSE) DETRIMENTAL TO THE INTERESTS OF<br/>         ANALOG DEVICES.<br/>         THE EQUIPMENT DESIGNATION HEREON MAY BE PROTECTED BY PATENTS<br/>         OWNED OR CONTROLLED BY OWNED ANALOG DEVICES.</small> | DESIGN VIEW<br><b>&lt;DESIGN_VIEW&gt;</b>                                                  |          | DRAWING NO.<br><b>02_064540-04</b> |                | REV<br><b>C</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PTD ENGINEER<br>-                                                                          | <b>D</b> | SCALE<br><b>1:1</b>                | SHEET <b>9</b> | OF <b>16</b>    |

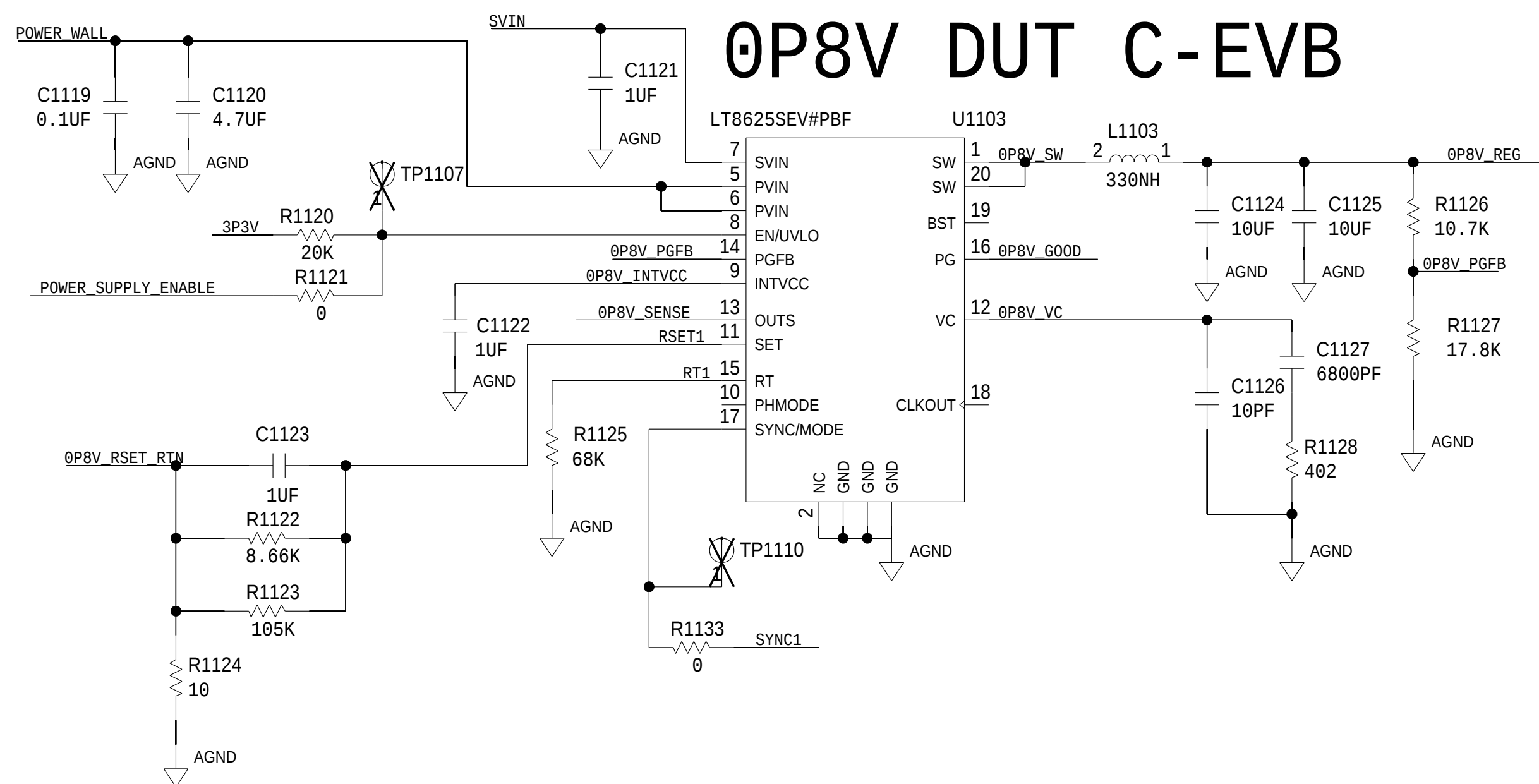
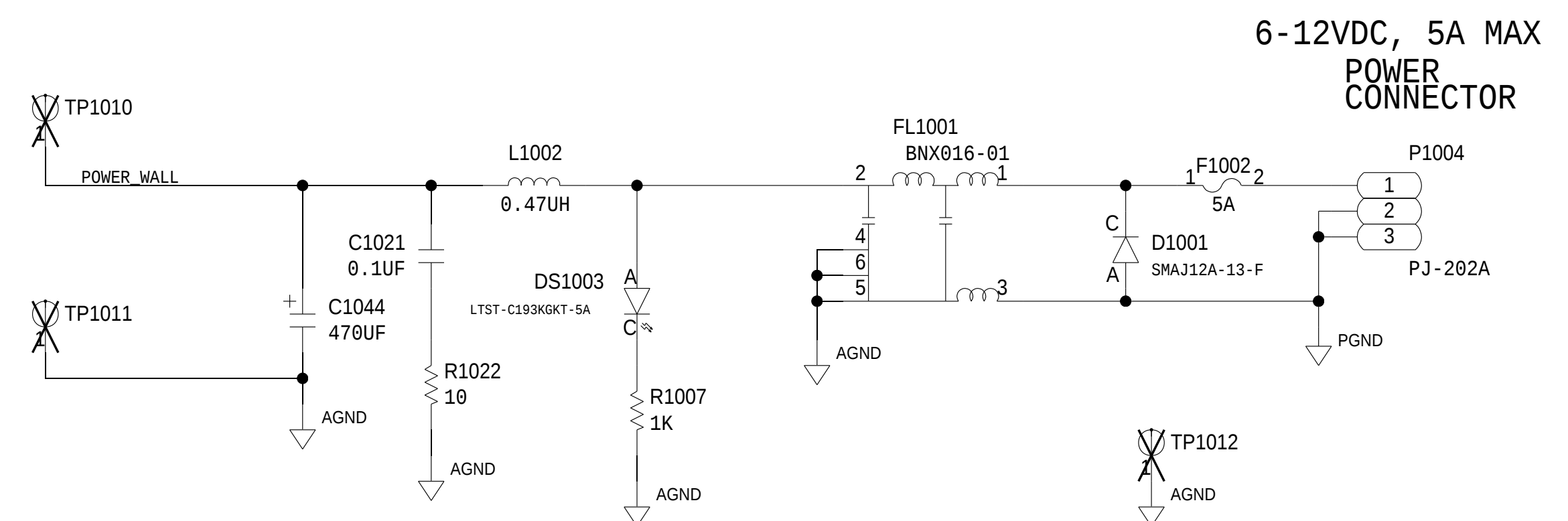
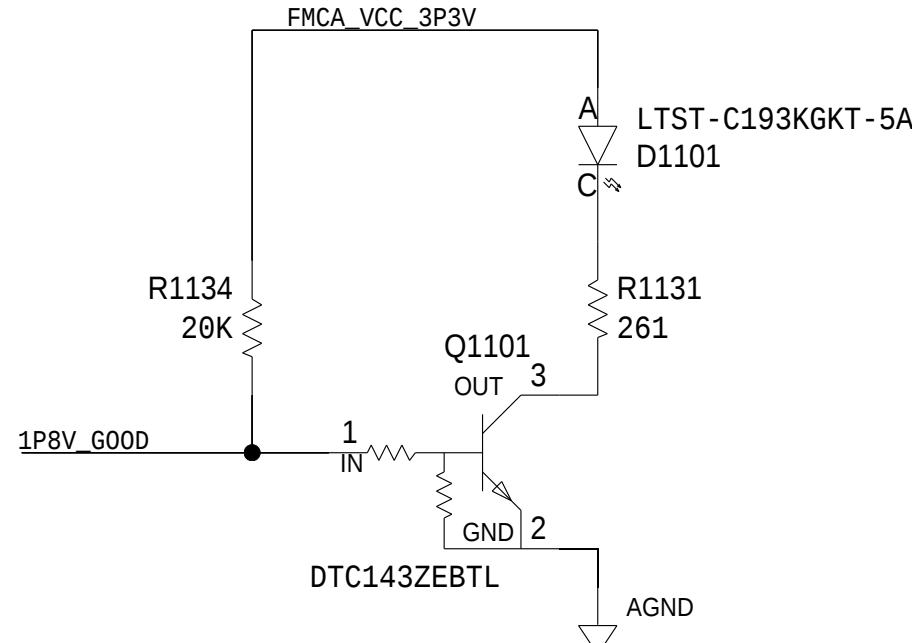
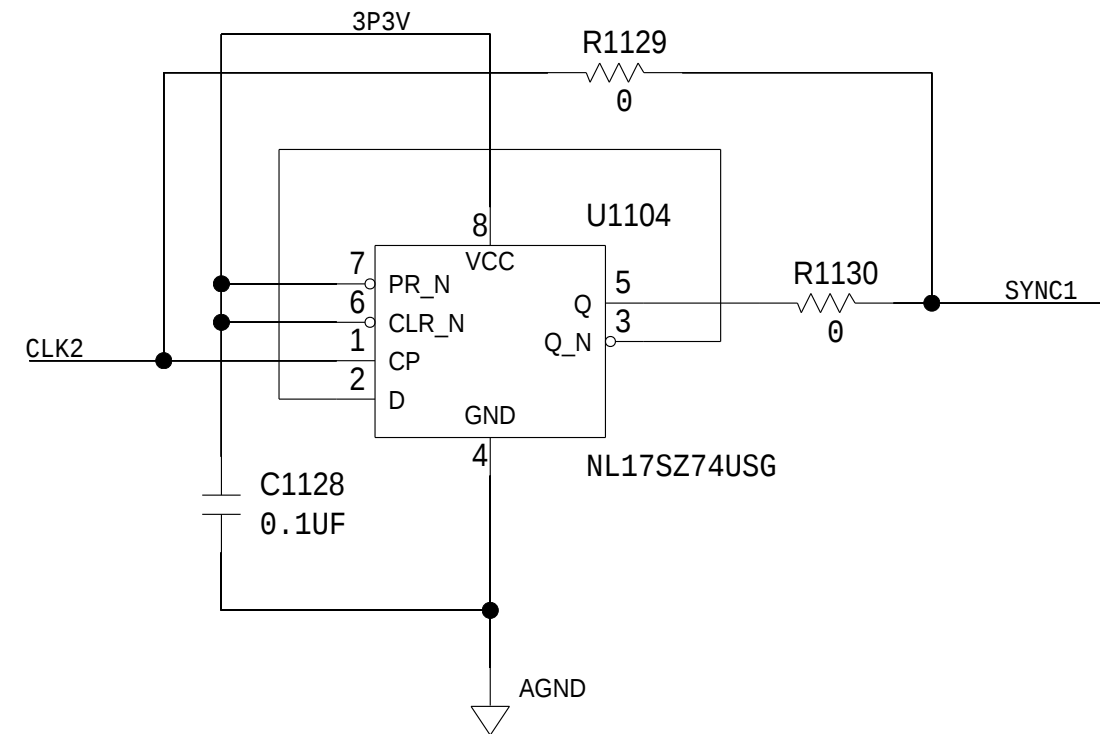
POWER SUPPLY

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



| SCHEMATIC                                                      |                             |              |                |
|----------------------------------------------------------------|-----------------------------|--------------|----------------|
| HW TYPE : Customer Evaluation<br>Product(s): ADRV903x<br>: N/A |                             |              |                |
| DESIGN VIEW<br><DESIGN_VIEW>                                   | DRAWING NO.<br>02_064540-04 | REV<br>C     |                |
| PTD ENGINEER<br>-                                              | SIZE<br>D                   | SCALE<br>1:1 | SHEET 10 OF 16 |

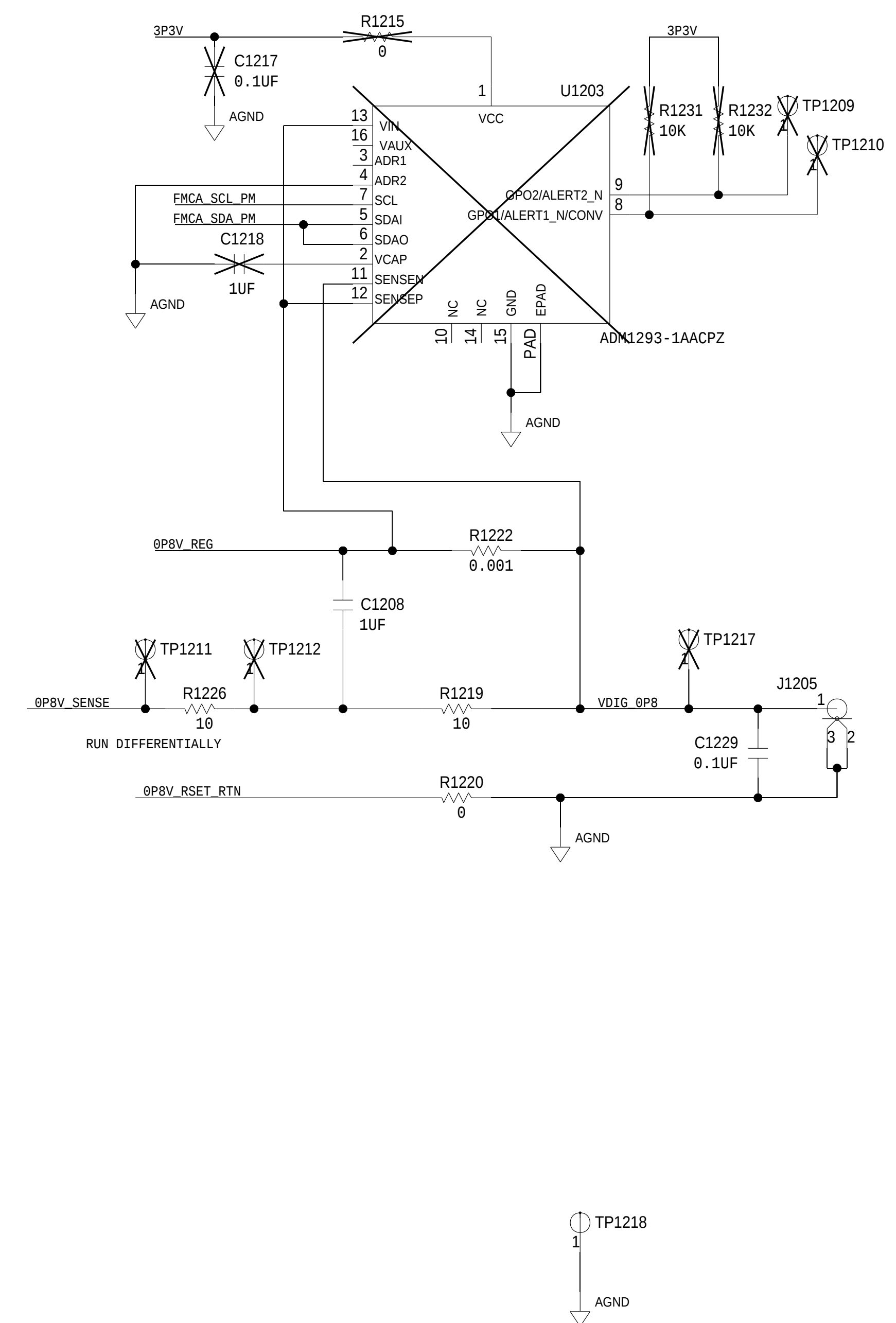
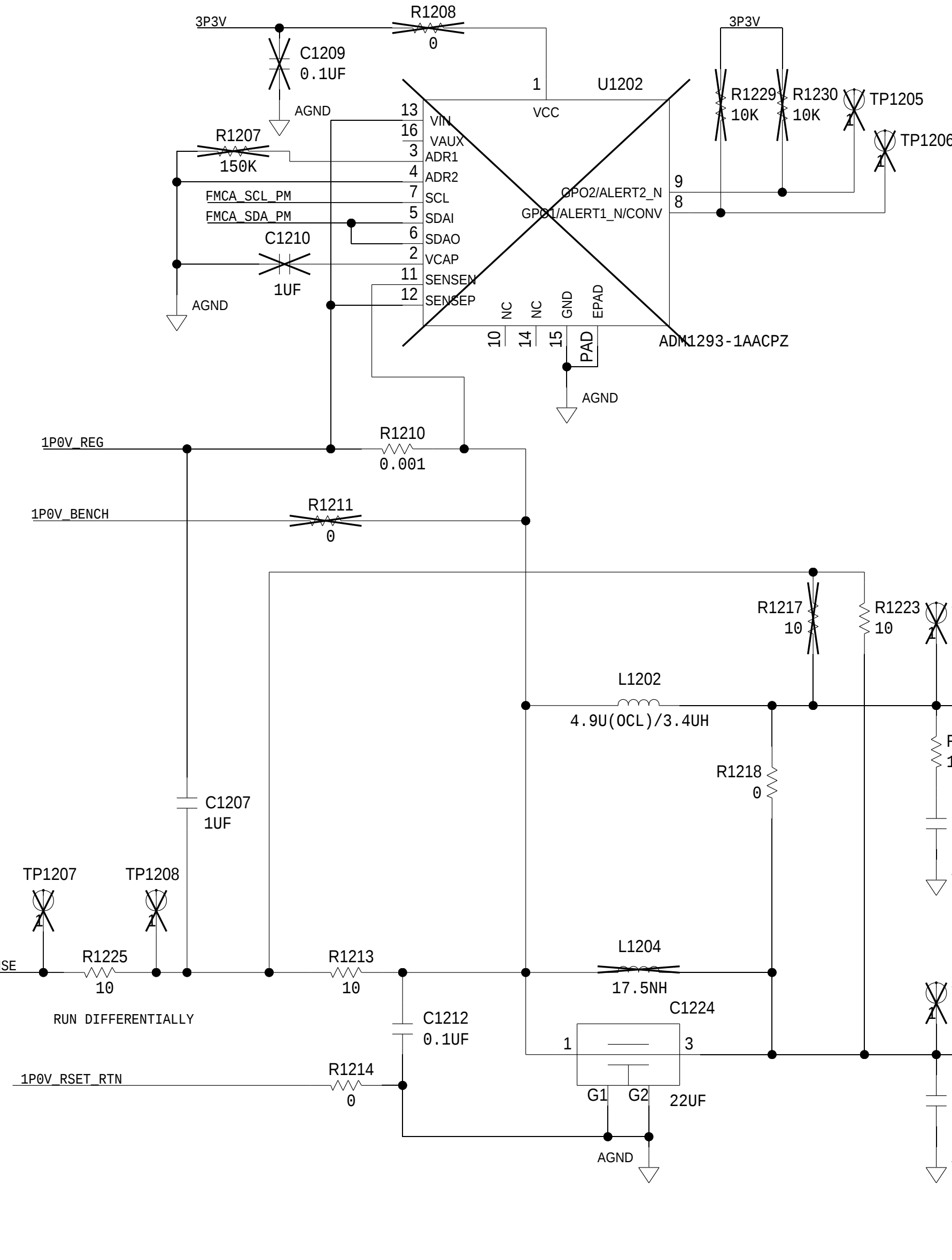
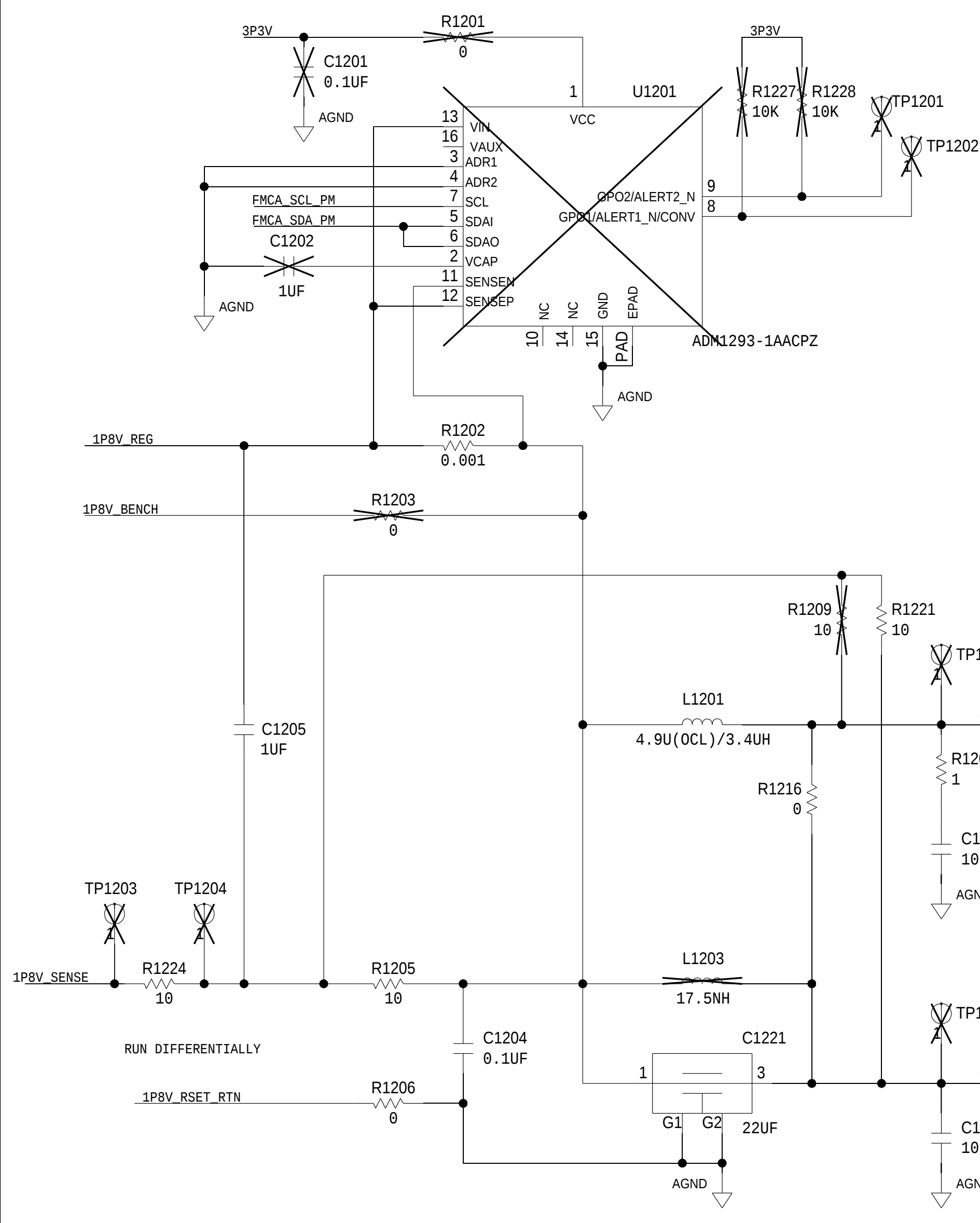
| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
| REV       | DESCRIPTION | DATE | APPROVED |
|           |             |      |          |



|                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                           |                             |                                               |                       |                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------|-----------------------|----------------------------|
|                                                                                                                                                                                                                                                                                             | <h1 style="text-align: center;">SCHEMATIC</h1>                                                            |                             |                                               |                       |                            |
|                                                                                                                                                                                                                                                                                                                                                                                  | <p>HW TYPE : Customer Evaluation</p> <p>Product(s) : ADRV903x</p> <p style="padding-left: 100px;">N/A</p> |                             |                                               |                       |                            |
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|                                                                                                                                                                                                                                                                                                                                                                                  | <p>PTD ENGINEER</p>                                                                                       | <p>SIZE</p> <p><b>D</b></p> | <p>SCALE</p> <p><b>1:1</b></p>                | <p>SHEET 11 OF 16</p> |                            |

# POWER MEASUREMENT & FILTERING

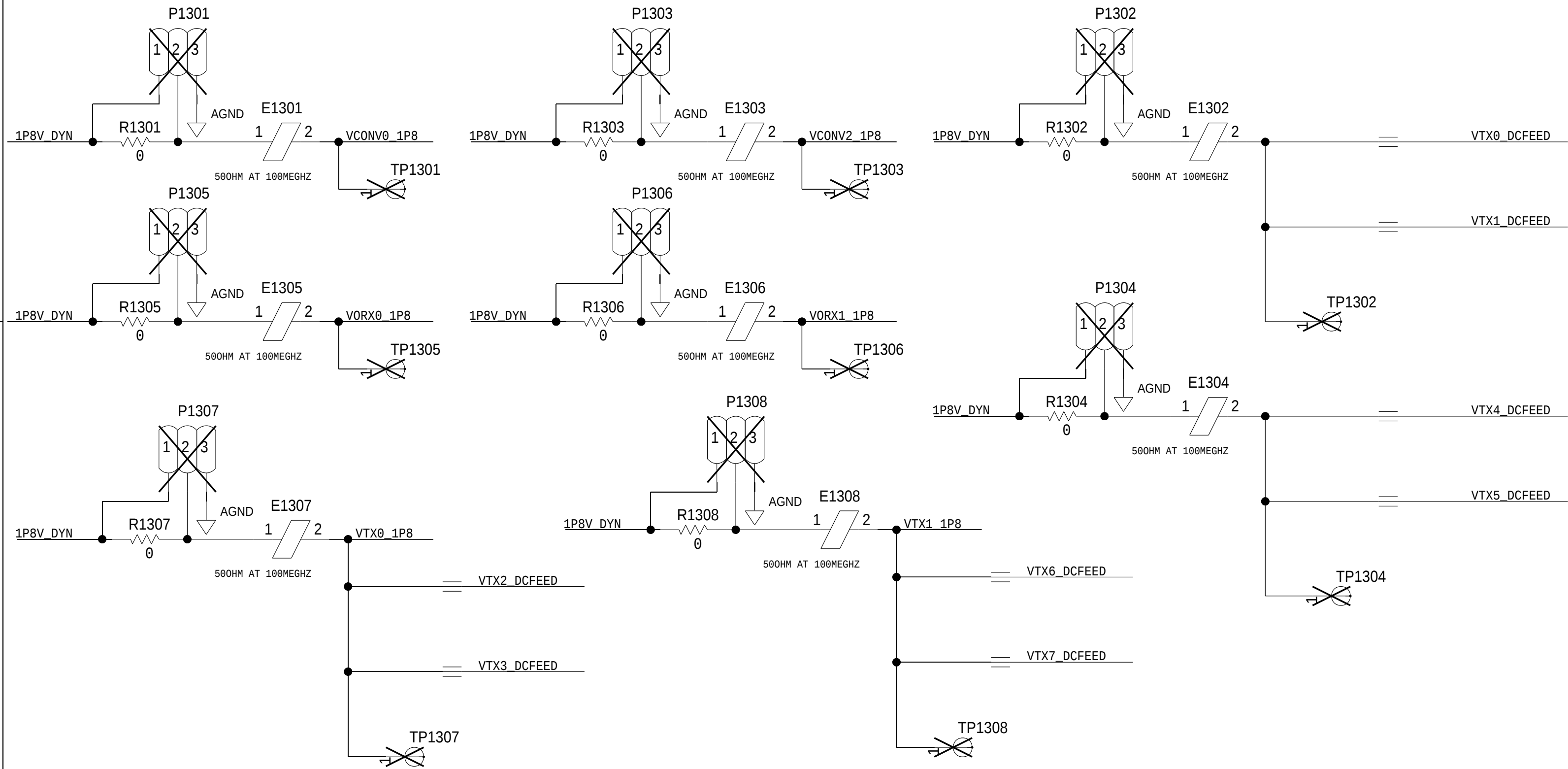
| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
| REV       | DESCRIPTION | DATE | APPROVED |
|           |             |      |          |



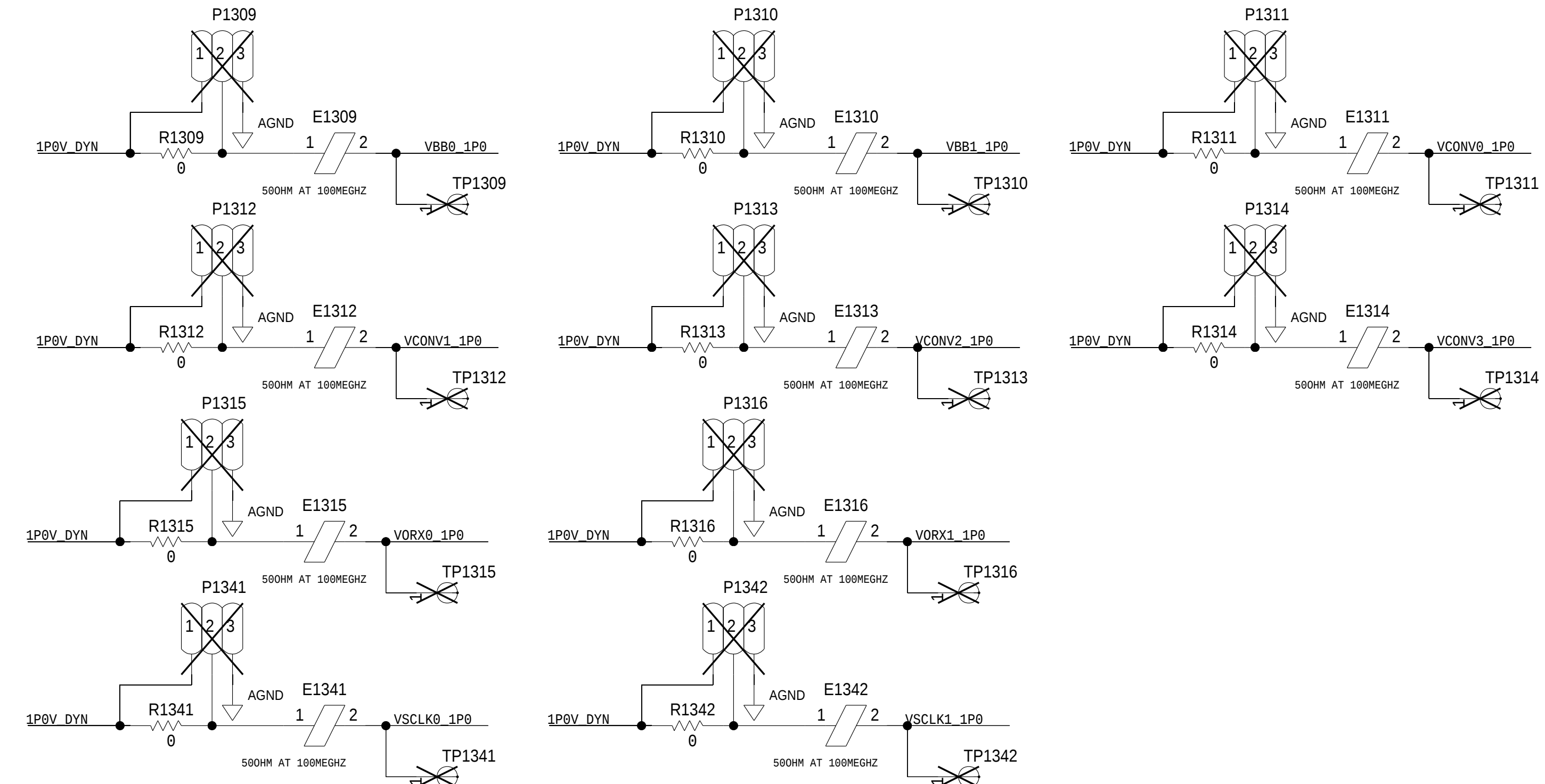
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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------|---------------------|------------------------------|
|  <b>ANALOG<br/>DEVICES</b>                                                                                                                                                                                                                                        | <h1 style="text-align: center;">SCHEMATIC</h1>                  |                                    |                     |                              |
|                                                                                                                                                                                                                                                                                                                                                        | HW TYPE : Customer Evaluation<br>Product(s) : ADRV903x<br>: N/A |                                    |                     |                              |
| DESIGN VIEW<br><b>&lt;DESIGN_VIEW&gt;</b>                                                                                                                                                                                                                                                                                                              |                                                                 | DRAWING NO.<br><b>02_064540-04</b> |                     | REV<br><b>C</b>              |
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POWER DISTRIBUTION

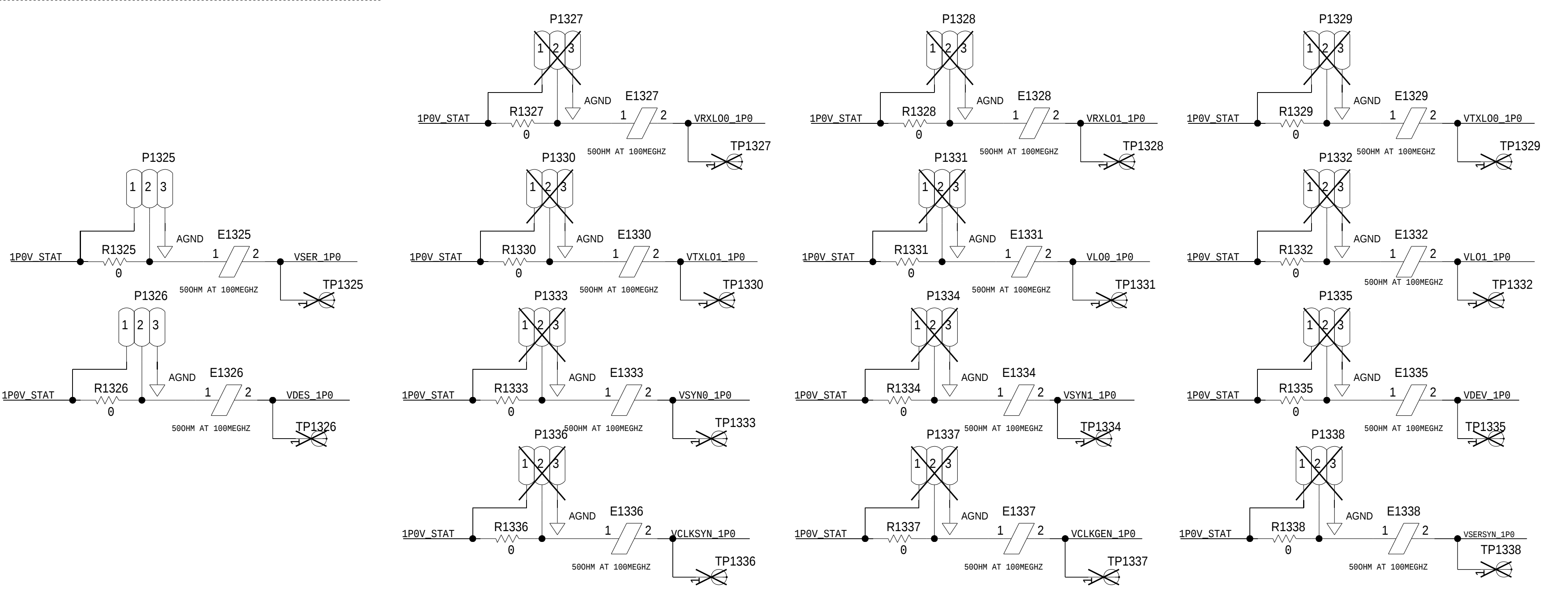
1.8V DYNAMIC SUPPLIES



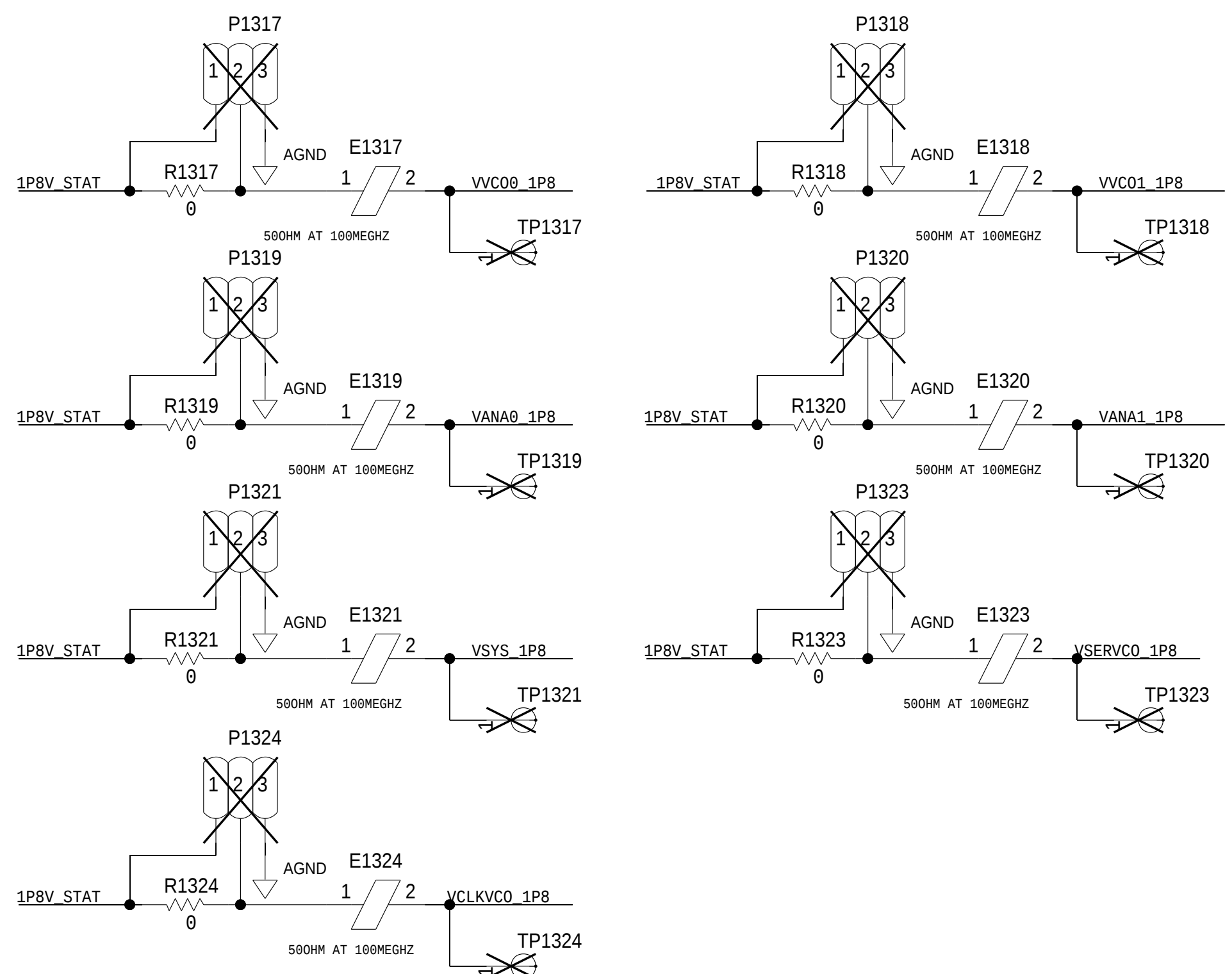
1.0V DYNAMIC SUPPLIES



1.0V STATIC SUPPLIES



1.8V STATIC SUPPLIES



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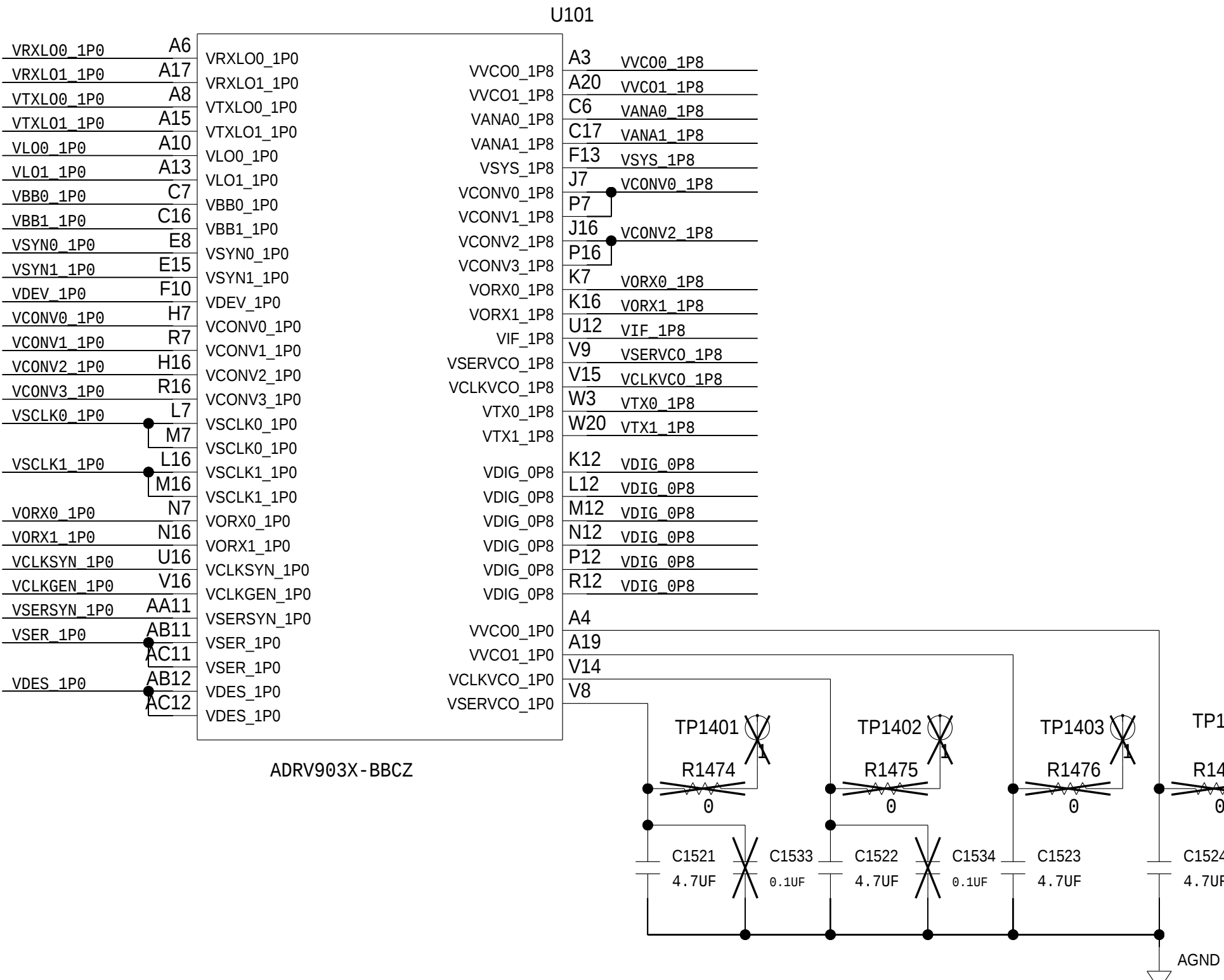
| SCHEMATIC                                                      |                             |              |                |
|----------------------------------------------------------------|-----------------------------|--------------|----------------|
| HW TYPE : Customer Evaluation<br>Product(s): ADRV903x<br>: N/A |                             |              |                |
| DESIGN VIEW<br><DESIGN_VIEW>                                   | DRAWING NO.<br>02_064540-04 | REV<br>C     |                |
| PTD ENGINEER<br>-                                              | SIZE<br>D                   | SCALE<br>1:1 | SHEET 13 OF 16 |

POWER INPUT

1.8V CAPS

0.8V CAPS

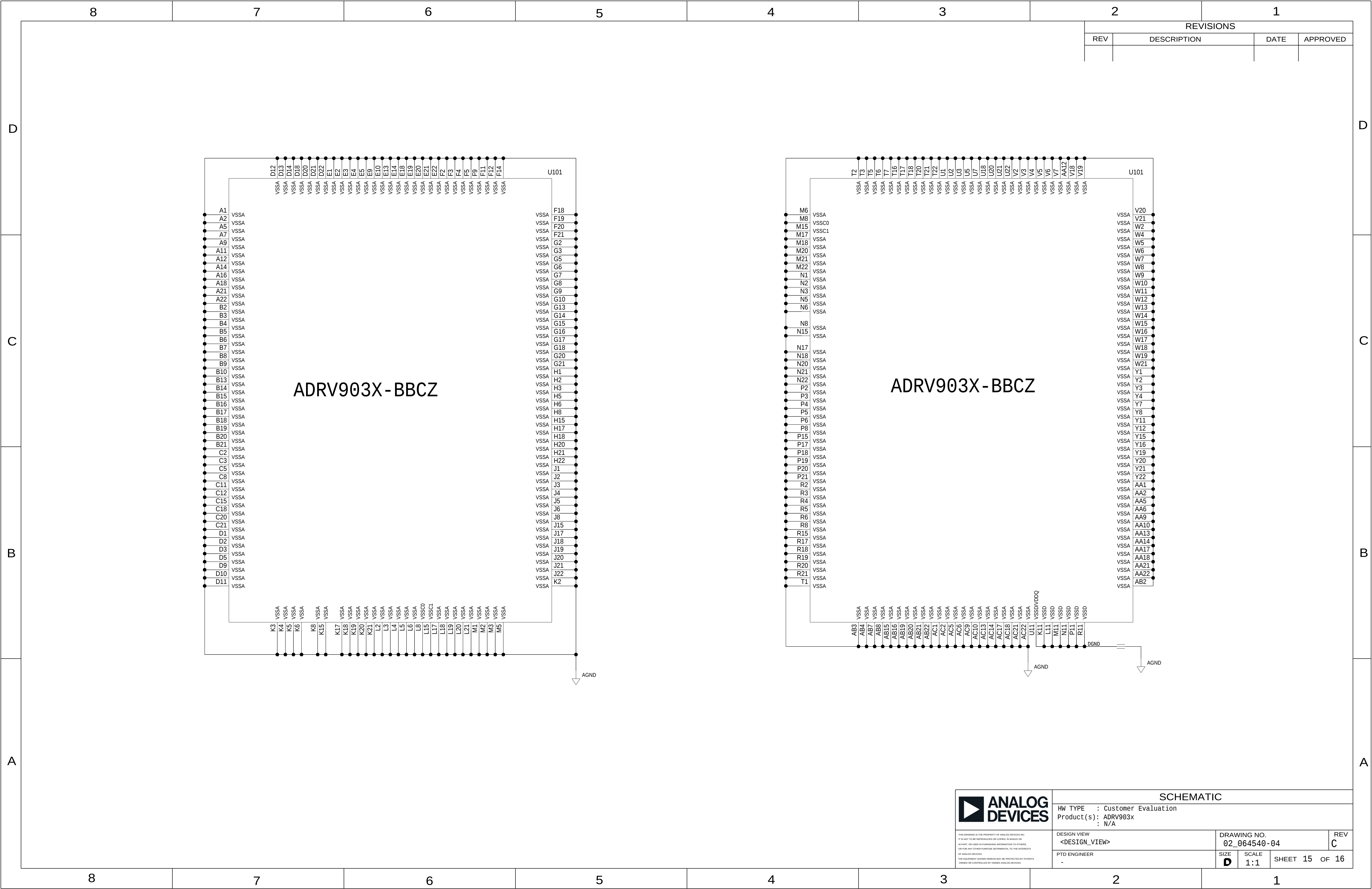
1.0V CAPS





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OWNED OR CONTROLLED BY ANALOG DEVICES.

| SCHEMATIC                     |              |       |          |
|-------------------------------|--------------|-------|----------|
| HW TYPE : Customer Evaluation |              |       |          |
| Product(s) : ADRV903x         |              |       |          |
| : N/A                         |              |       |          |
| DESIGN VIEW                   | DRAWING NO.  |       | REV      |
| <DESIGN_VIEW>                 | 02_064540-04 |       | C        |
| PTD ENGINEER                  | SIZE         | SCALE | SHEET    |
| -                             | D            | 1:1   | 14 OF 16 |



[illegible]