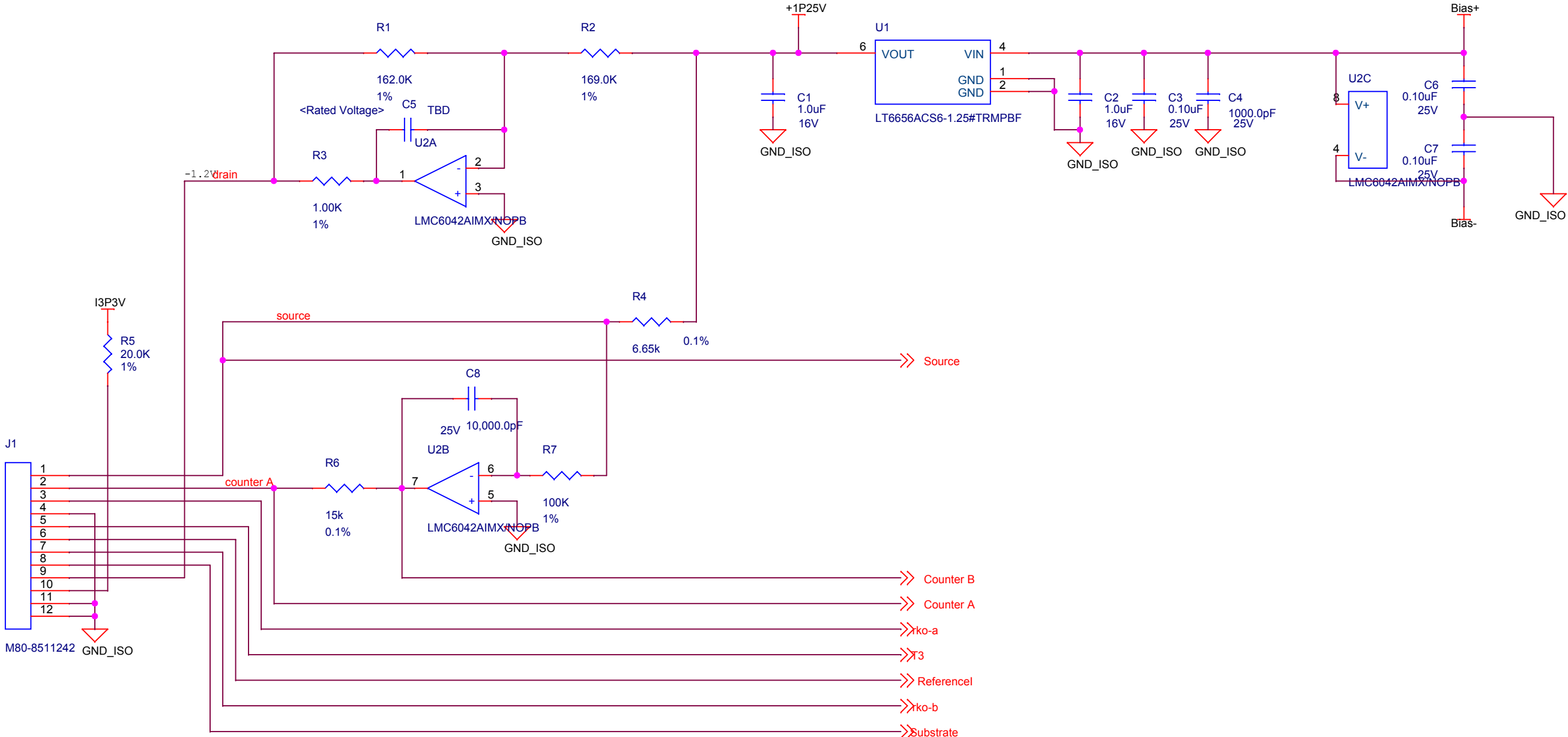
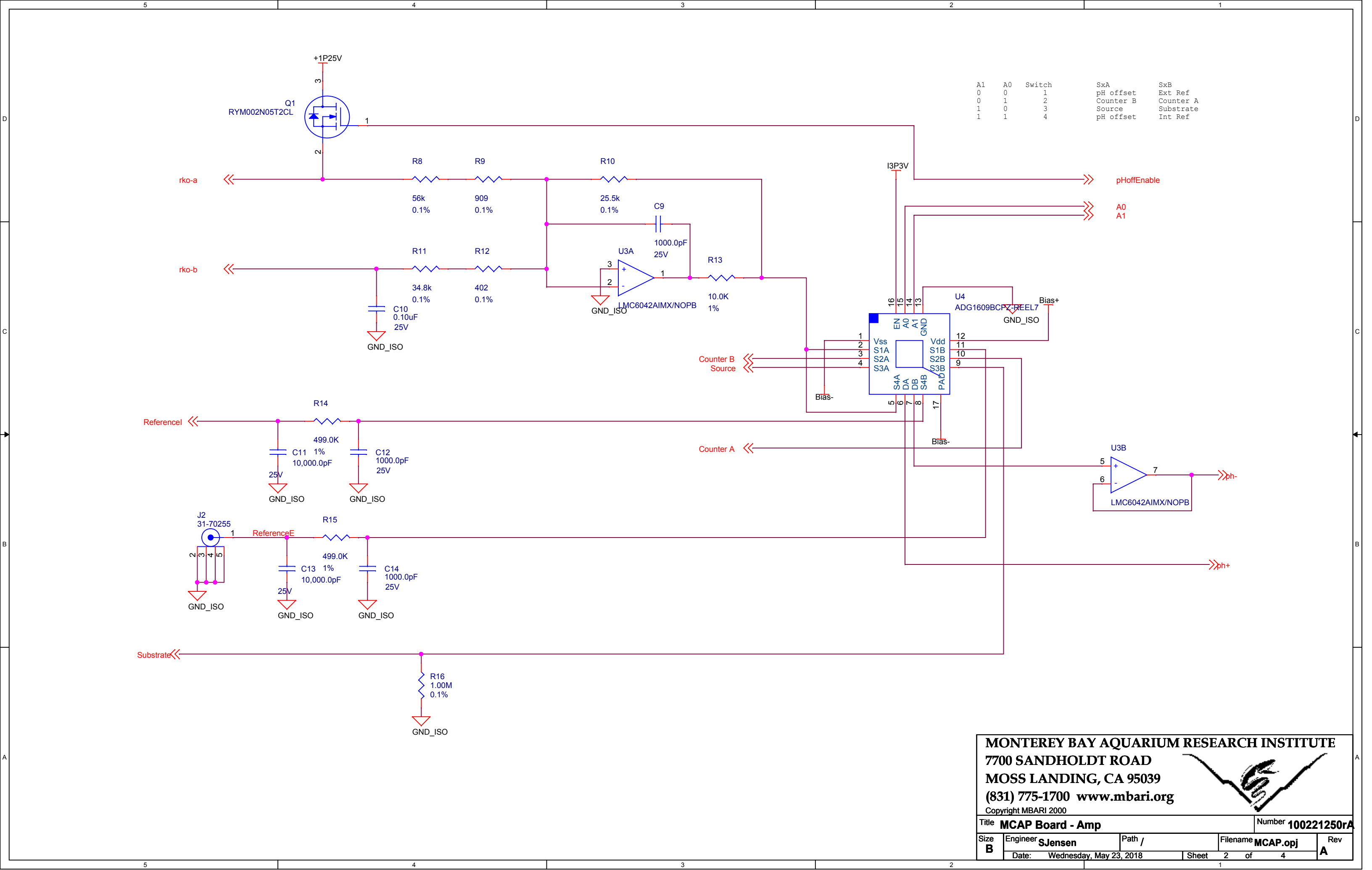






|    |    |        |           |           |
|----|----|--------|-----------|-----------|
| A1 | A0 | Switch | SxA       | SxB       |
| 0  | 0  | 1      | pH offset | Ext Ref   |
| 0  | 1  | 2      | Counter B | Counter A |
| 1  | 0  | 3      | Source    | Substrate |
| 1  | 1  | 4      | pH offset | Int Ref   |

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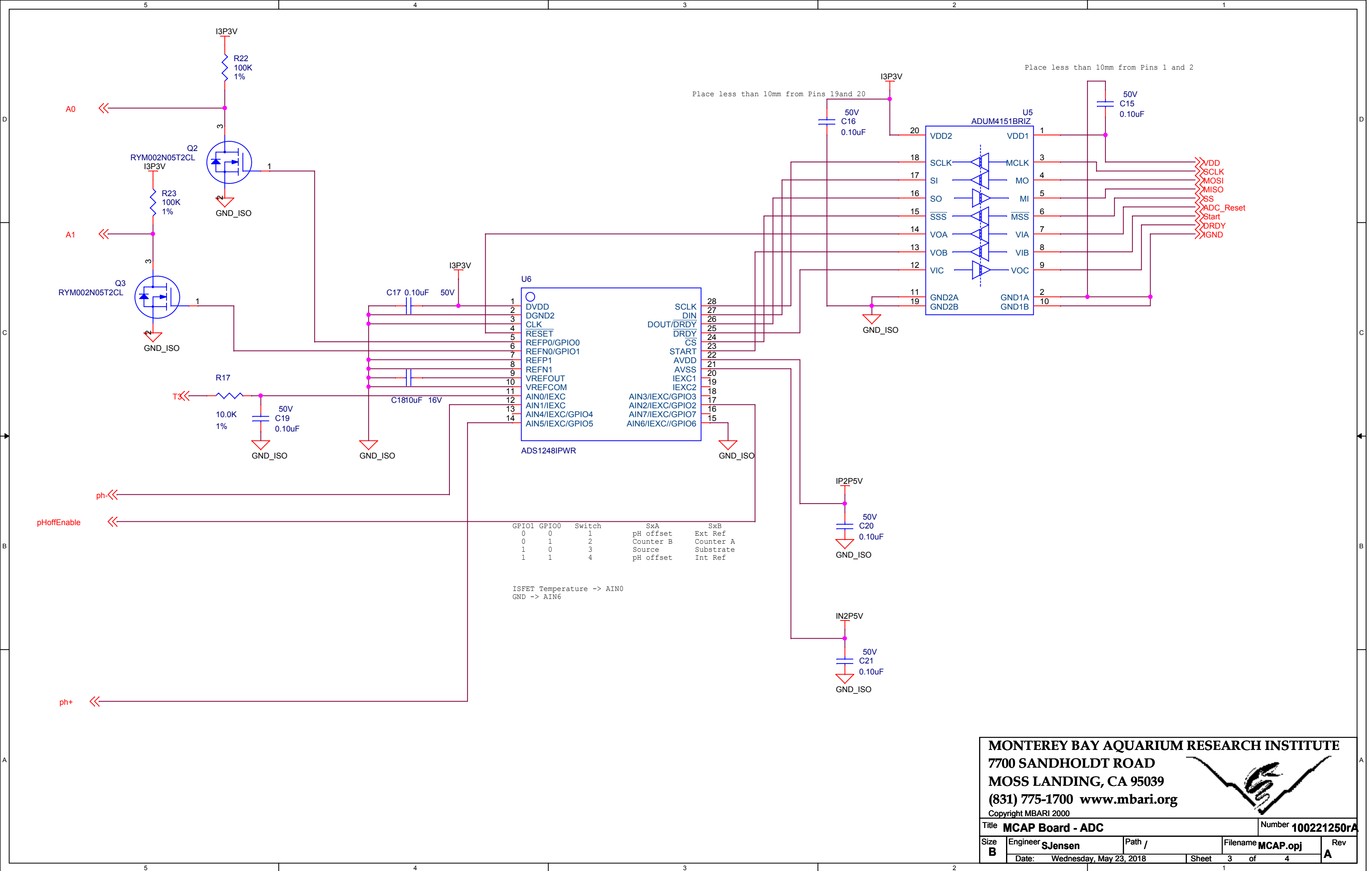
MOSS LANDING, CA 95039

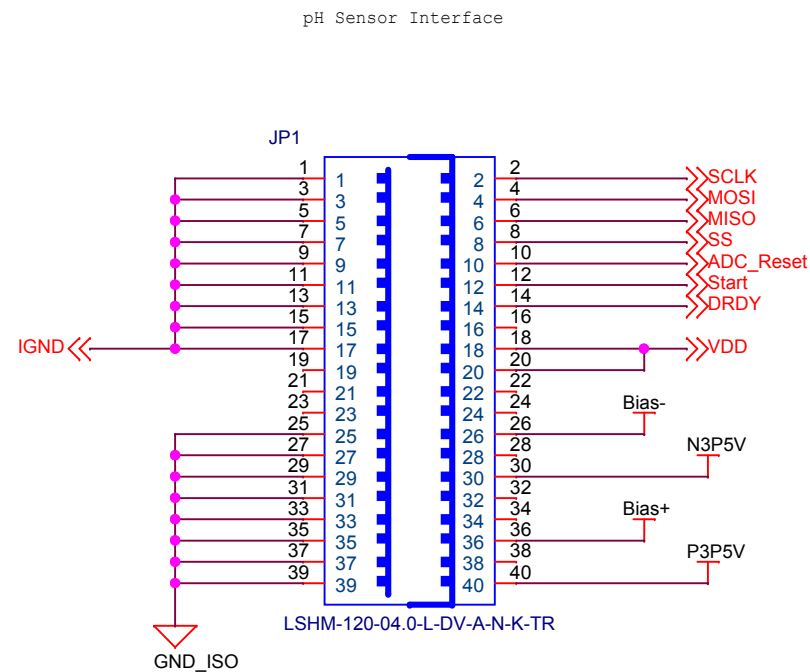
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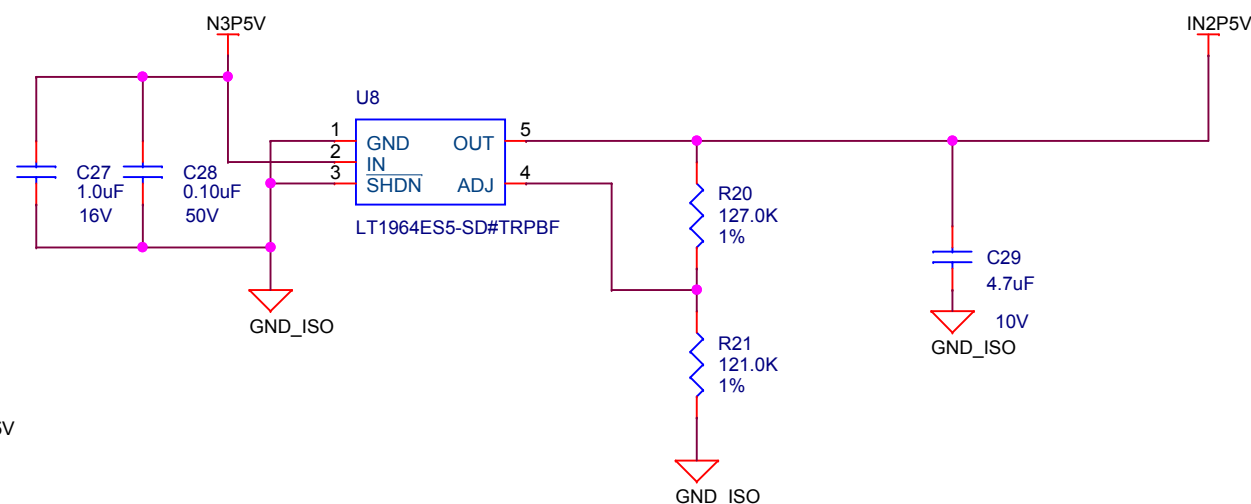
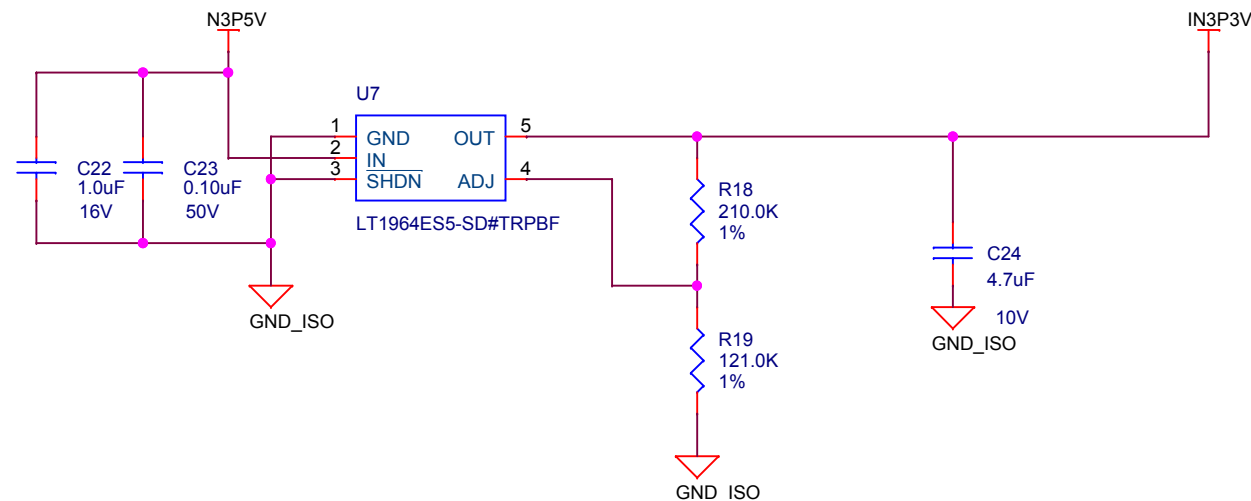
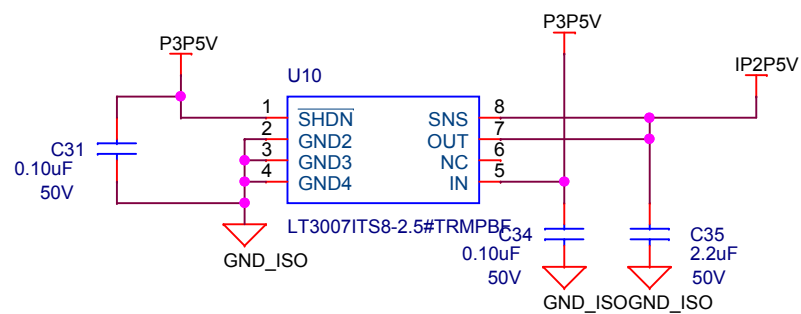
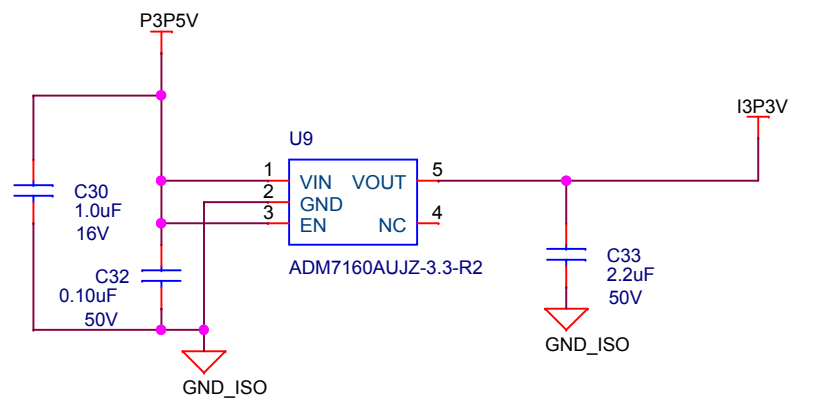
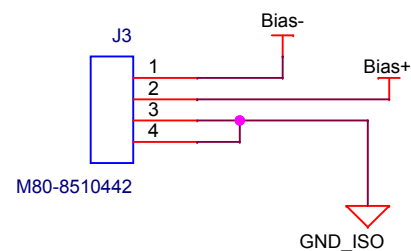


|                               |                               |        |                           |              |
|-------------------------------|-------------------------------|--------|---------------------------|--------------|
| Title <b>MCAP Board - Amp</b> |                               |        | Number <b>100221250rA</b> |              |
| Size <b>B</b>                 | Engineer <b>SJensen</b>       | Path / | Filename <b>MCAP.opj</b>  | Rev <b>A</b> |
|                               | Date: Wednesday, May 23, 2018 |        | Sheet 2 of 4              |              |





DuraFET isolated Bias power



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|                                 |                         |         |                           |              |
|---------------------------------|-------------------------|---------|---------------------------|--------------|
| Title <b>MCAP Board - Power</b> |                         |         | Number <b>100221250rA</b> |              |
| Size <b>B</b>                   | Engineer <b>SJensen</b> | Path /  | Filename <b>MCAP.opj</b>  | Rev <b>A</b> |
| Date: Wednesday, May 23, 2018   |                         | Sheet 4 | of 4                      |              |