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Page 3: Connectors, I<sup>2</sup>C GPIO, Magnetorquer  
Page 4: ADCs  
Page 5: Mechanical



|           |                     |       |         |
|-----------|---------------------|-------|---------|
| Title:    | Block Diagram       | Size: | A       |
| Project:  | Cougsat-1: Solar    | SKU:  | 68-0001 |
| Designer: | Hendrik Melse       | Rev:  | 2.1.0   |
| Date:     | 11/10/2019 12:40 PM | Page: | 1/5     |

1

2

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A

A

B

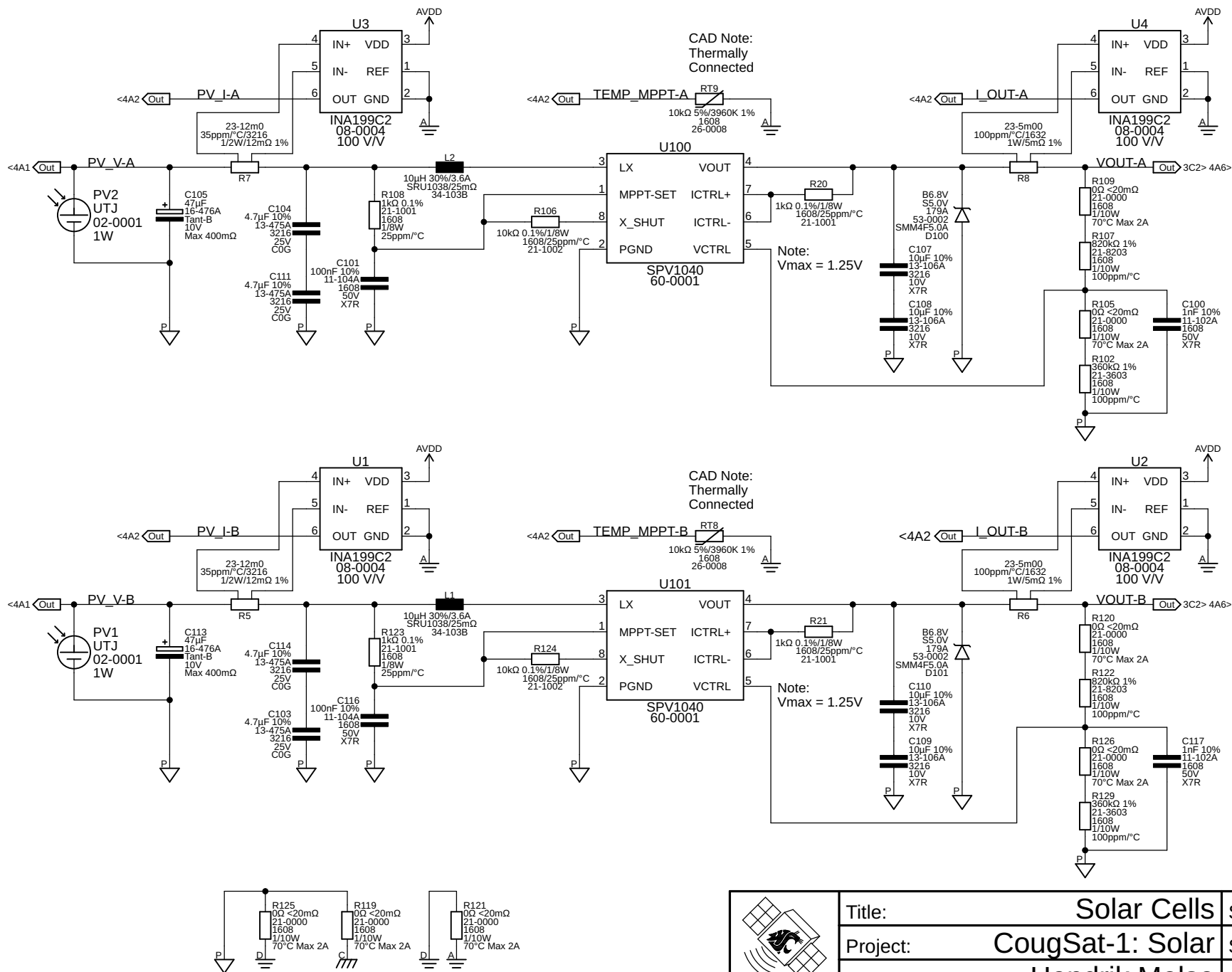
B

C

C

D

D



Variant:



|           |                     |       |         |
|-----------|---------------------|-------|---------|
| Title:    | Solar Cells         | Size: | A       |
| Project:  | CougSat-1: Solar    | SKU:  | 68-0001 |
| Designer: | Hendrik Melse       | Rev:  | 2.1.0   |
| Date:     | 11/10/2019 12:40 PM | Page: | 2/5     |

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3

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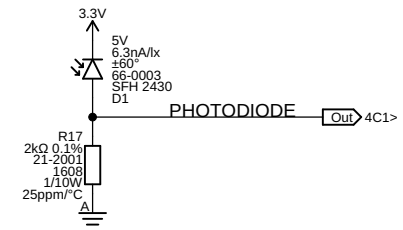
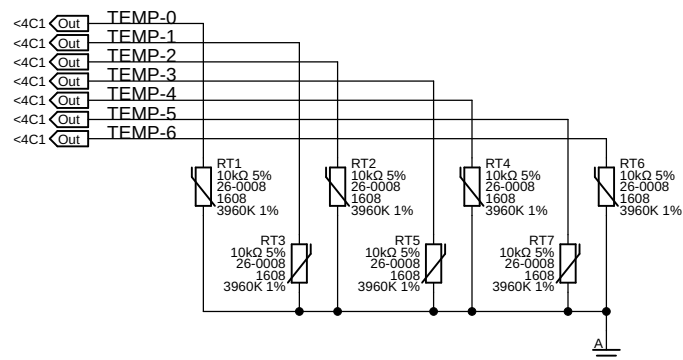
4

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A

A



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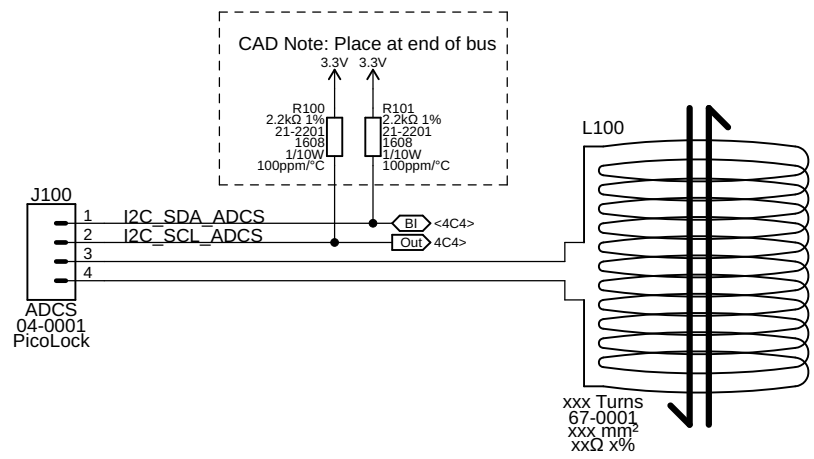
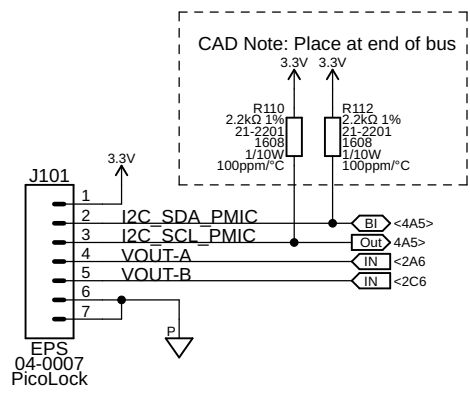
B

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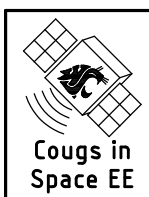
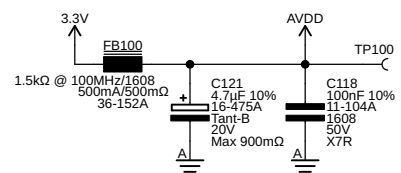
C

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D



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|-----------|---------------------|-------|---------|
| Title:    | Connectors, Sensors | Size: | A       |
| Project:  | CougSat-1: Solar    | SKU:  | 68-0001 |
| Designer: | Hendrik Melse       | Rev:  | 2.1.0   |
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Variant:

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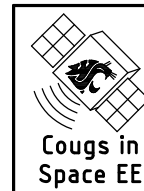
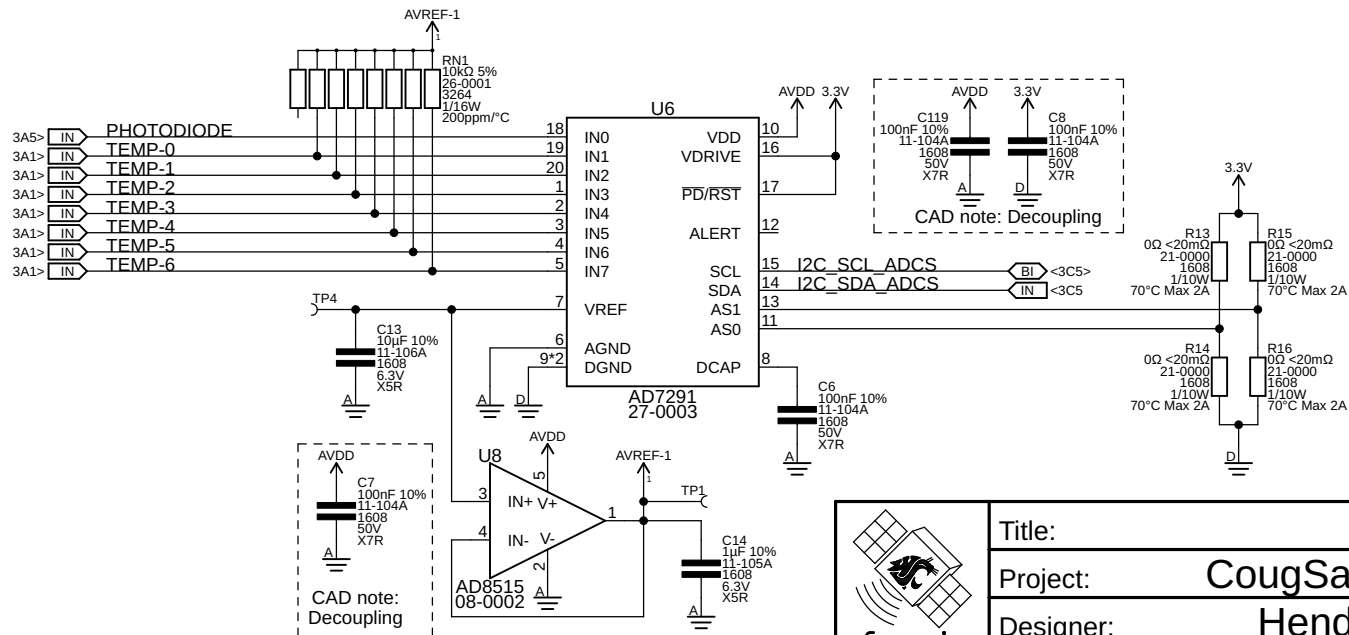
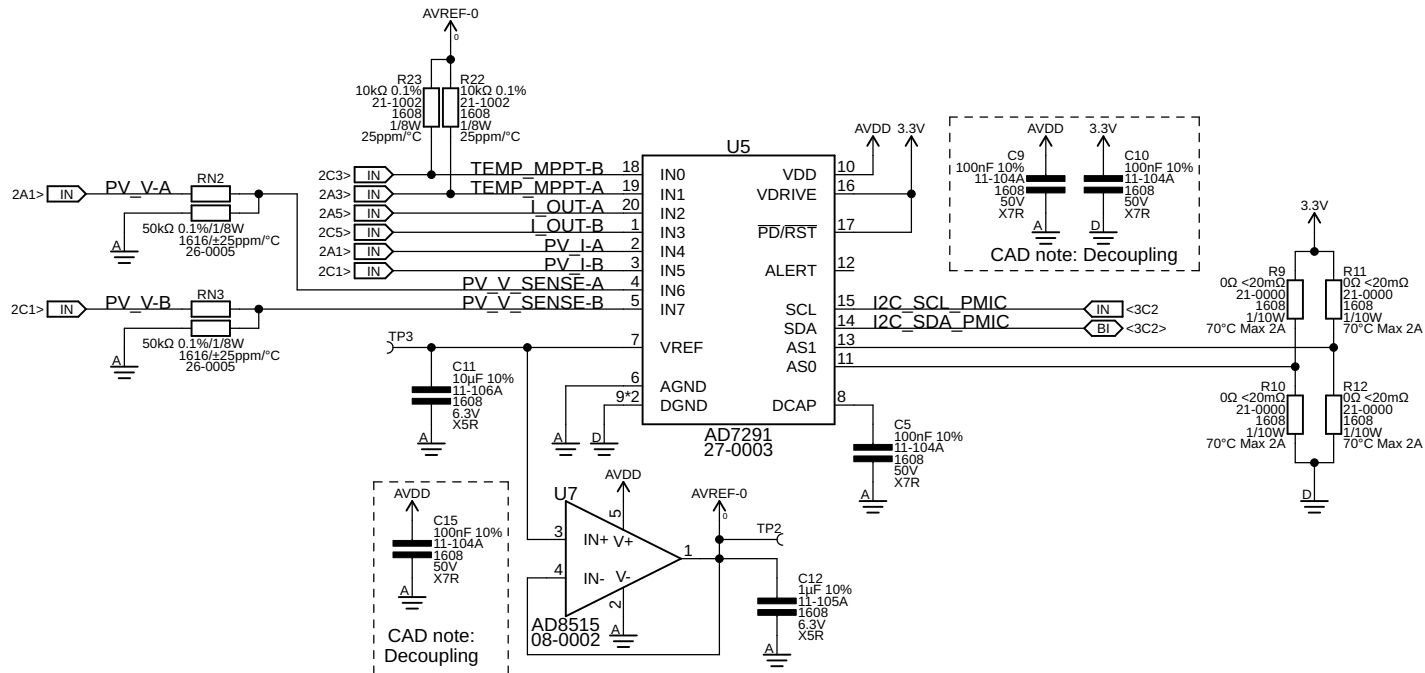
B

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|           |                     |       |         |
|-----------|---------------------|-------|---------|
| Title:    | ADCs                | Size: | A       |
| Project:  | CougSat-1: Solar    | SKU:  | 68-0001 |
| Designer: | Hendrik Melse       | Rev:  | 2.1.0   |
| Date:     | 11/10/2019 12:40 PM | Page: | 4/5     |

Variant:

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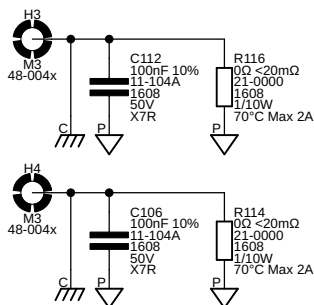
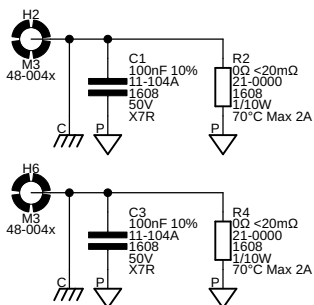
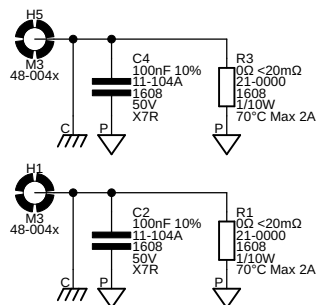
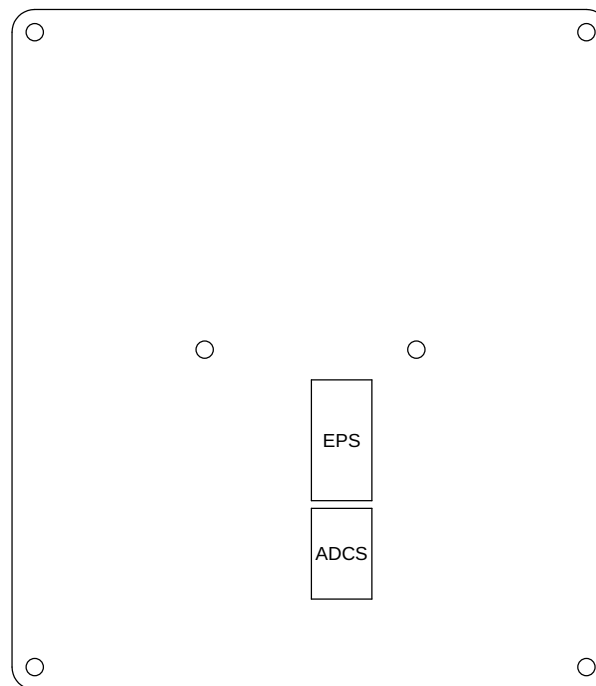
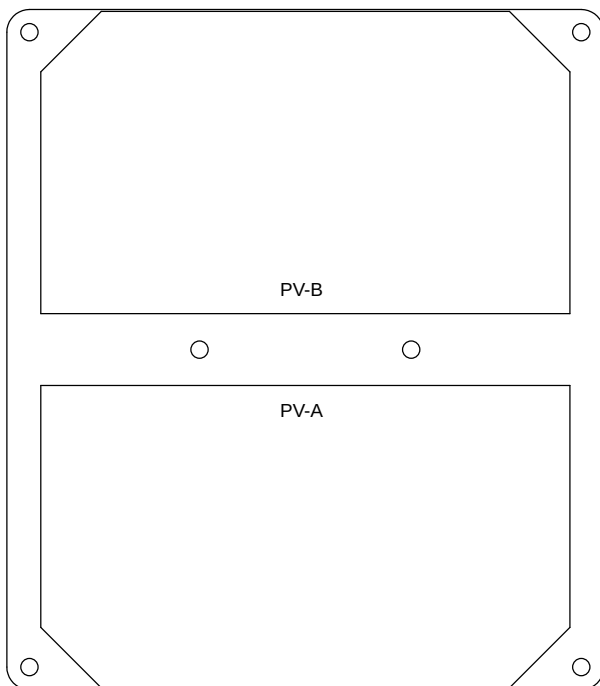
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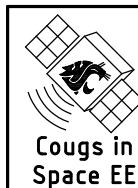


LOGO100  
Satellite 16mm

Cougs in  
Space

LOGO1  
Signature

Variant:



|           |                     |       |         |
|-----------|---------------------|-------|---------|
| Title:    | Mechanical          | Size: | A       |
| Project:  | CougSat-1: Solar    | SKU:  | 68-0001 |
| Designer: | Hendrik Melse       | Rev:  | 2.1.0   |
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