

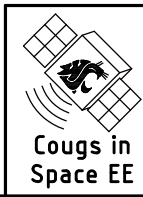
Page 1: Block Diagram
Page 2: Solar Cells, MPPT
Page 3: Connectors, I²C GPIO, Magnetorquer
Page 4: ADCs
Page 5: Mechanical



Title:	Block Diagram
Project:	Cougsat-1: Solar
Designer:	Hendrik Melse
Date:	11/19/2019 11:33 AM

Size:	A
SKU:	68-0001
Rev:	2.1.0
Page:	1/5

Variant: PV1 (-Y)



1

2

3

4

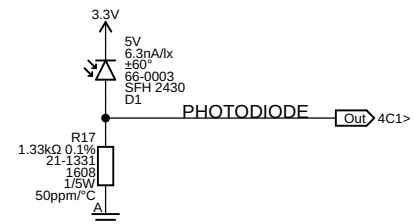
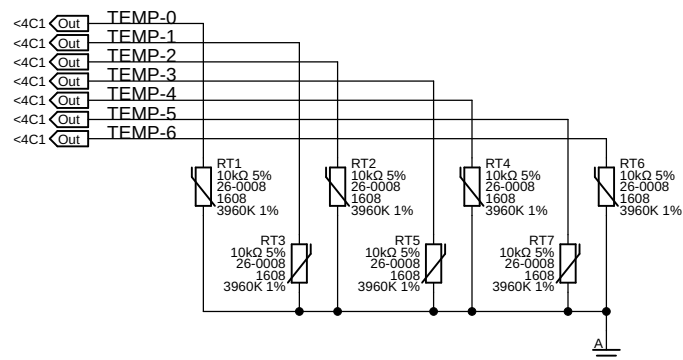
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6

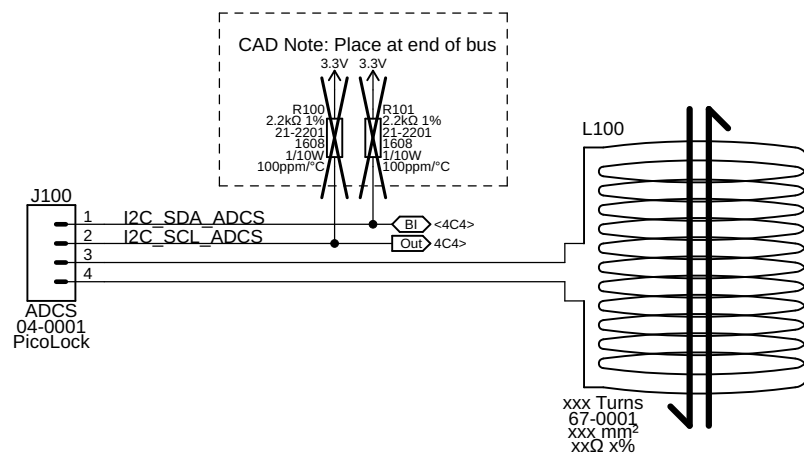
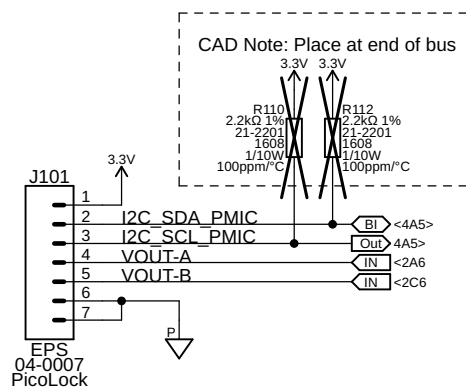
A

A



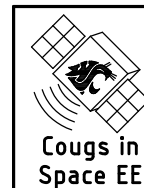
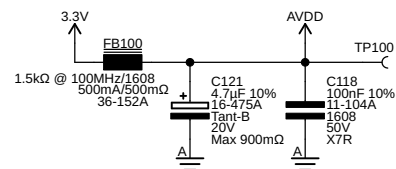
B

B



D

D



Title:	Connectors, Sensors	Size:	A
Project:	CougSat-1: Solar	SKU:	68-0001
Designer:	Hendrik Melse	Rev:	2.1.0
Date:	11/19/2019 11:33 AM	Page:	3/5

Variant: PV1 (-Y)

1

2

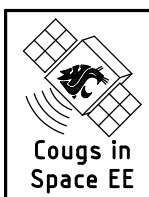
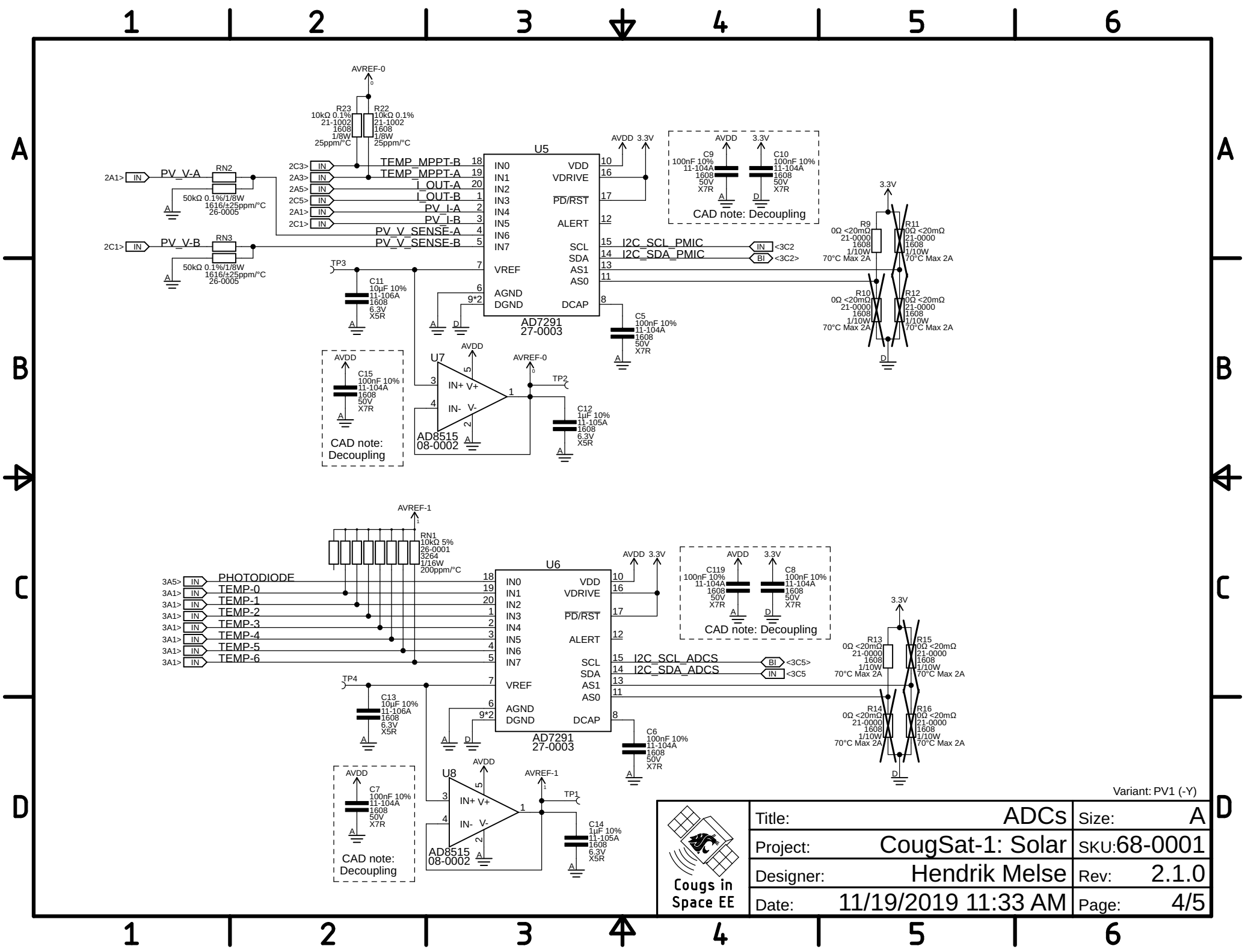
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4

4

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6



Title:	ADCs	Size:	A
Project:	CougSat-1: Solar	SKU:	68-0001
Designer:	Hendrik Melse	Rev:	2.1.0
Date:	11/19/2019 11:33 AM	Page:	4/5

Variant: PV1 (-Y)

1

2

3



4

5

6

A

B

C

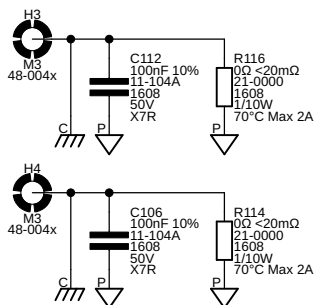
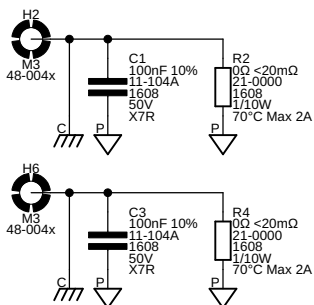
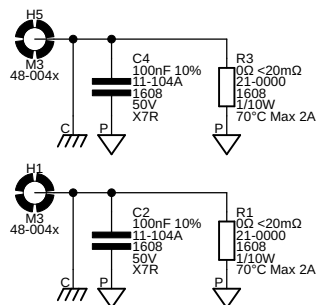
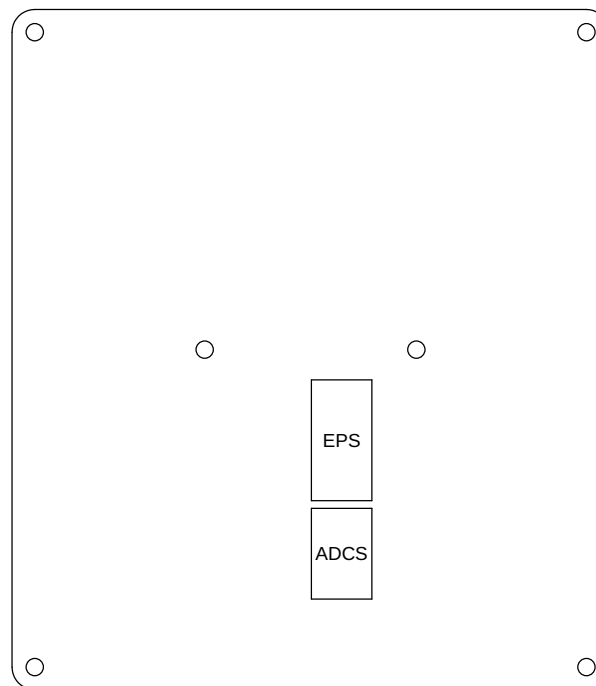
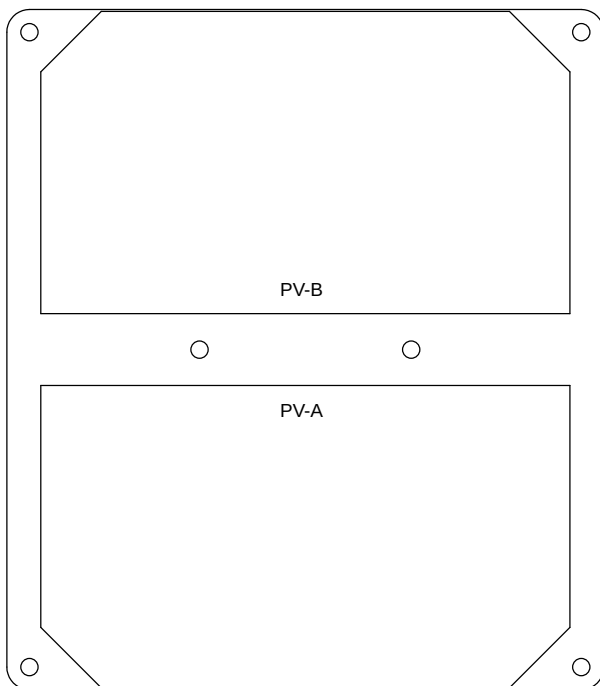
D

A

B

C

D

LOGO100
Satellite 16mmCougs in
Space

LOGO1

Signature

Variant: PV1 (-Y)



Title:	Mechanical	Size:	A
Project:	CougSat-1: Solar	SKU:	68-0001
Designer:	Hendrik Melse	Rev:	2.1.0
Date:	11/19/2019 11:33 AM	Page:	5/5