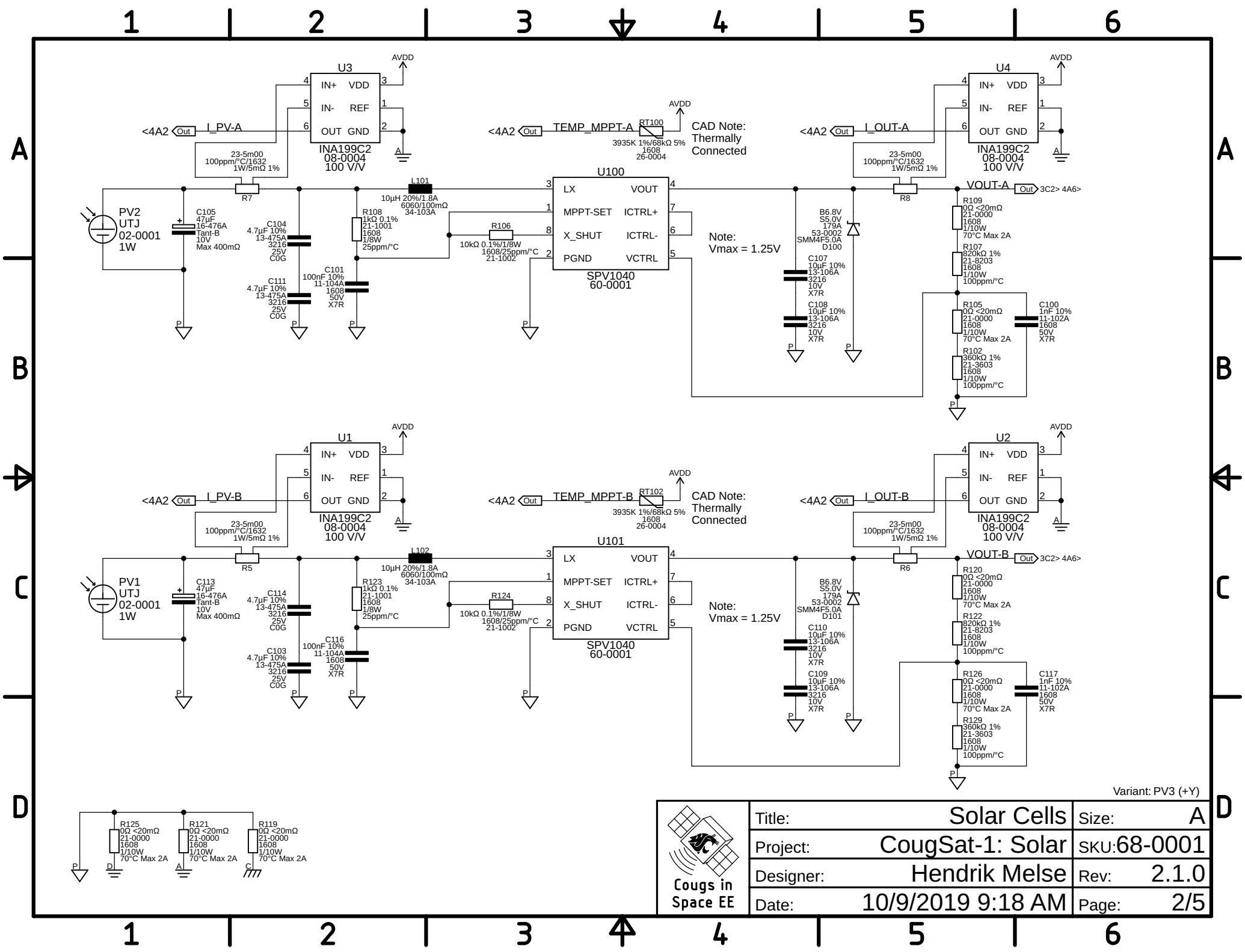



Page 1: Block Diagram
Page 2: Solar Cells, MPPT
Page 3: Connectors, I²C GPIO, Magnetorquer
Page 4: ADCs
Page 5: Mechanical



Title: Block Diagram		Size: A
Project: CougarSat-1: Solar		SKU: 68-0001
Designer: Hendrik Melse		Rev: 2.1.0
Date: 10/9/2019 9:18 AM		Page: 1/5



	Title:	Solar Cells	Size:	A
	Project:	CougSat-1: Solar	SKU:	68-0001
	Designer:	Hendrik Melse	Rev:	2.1.0
	Date:	10/9/2019 9:18 AM	Page:	2/5

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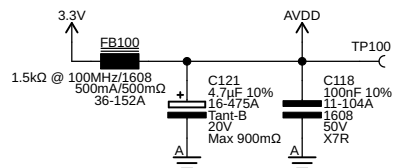
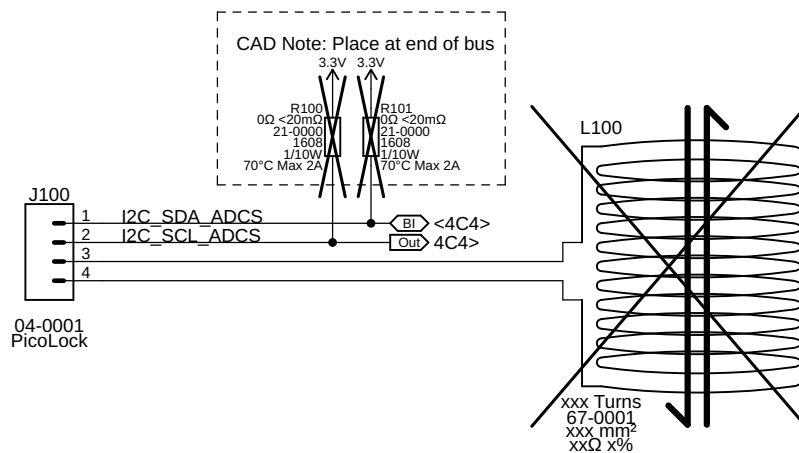
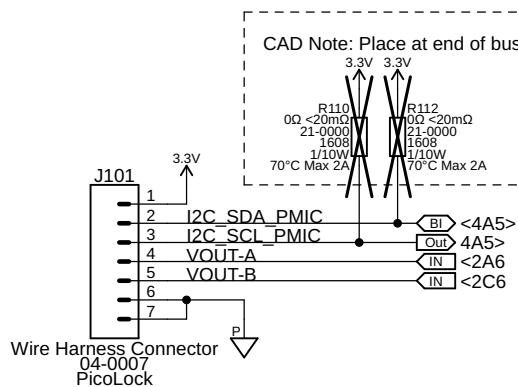
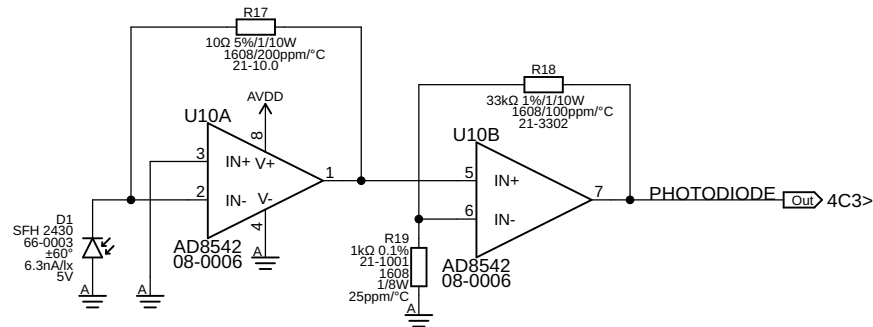
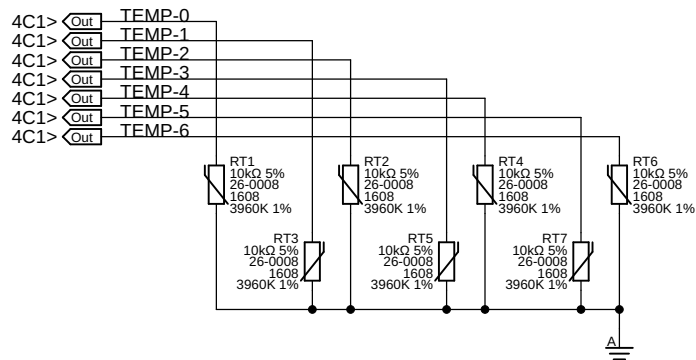
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A

A



Variant: PV3 (+Y)

	Title: Connectors, Sensors	Size: A
	Project: CougSat-1: Solar	SKU:68-0001
	Designer: Hendrik Melse	Rev: 2.1.0
	Date: 10/9/2019 9:18 AM	Page: 3/5

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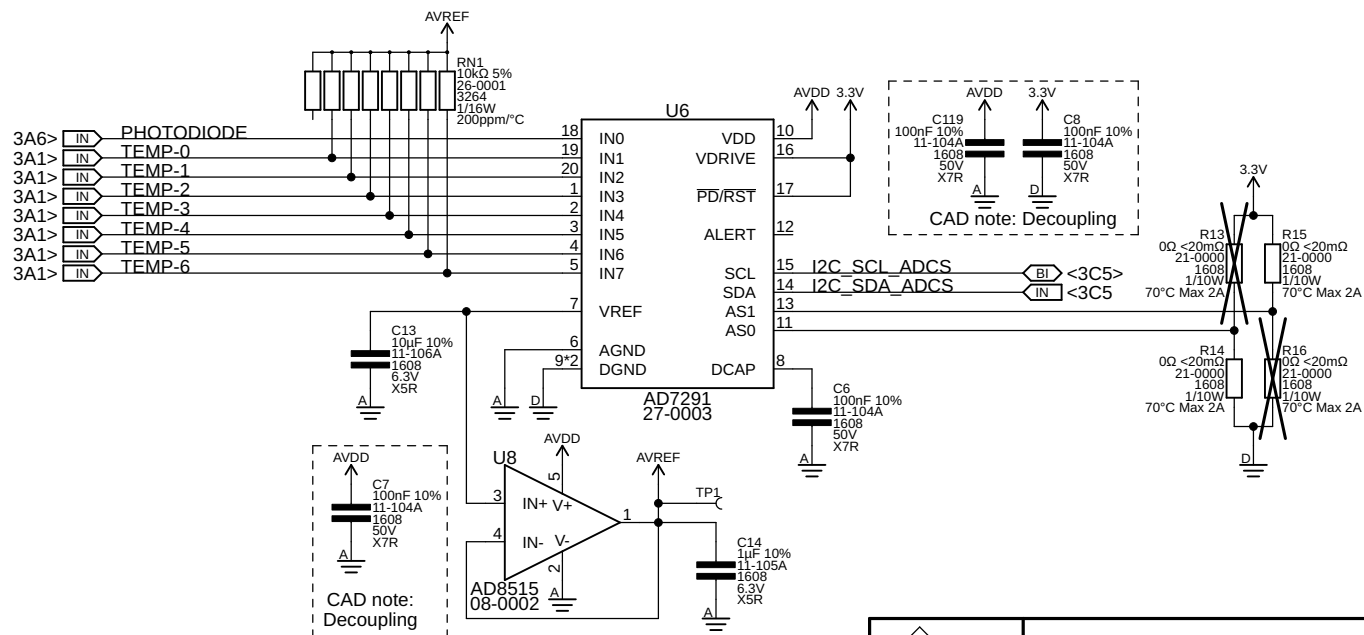
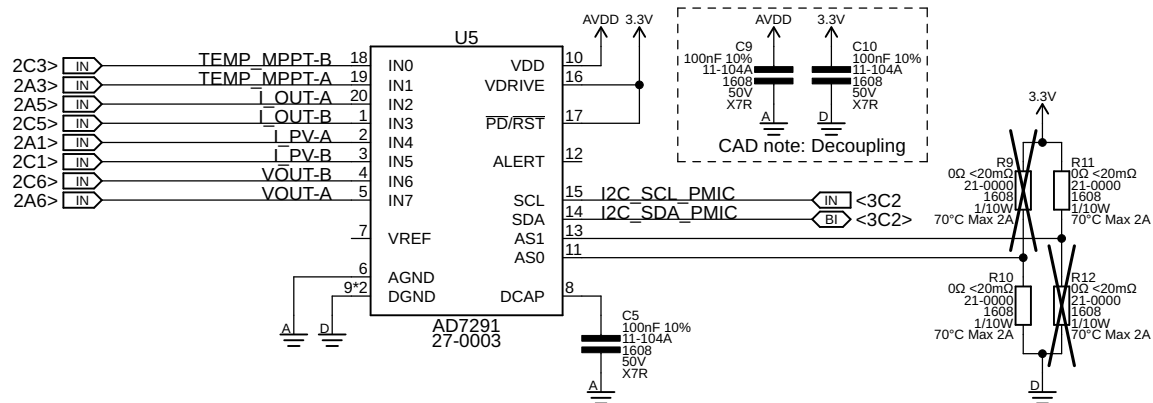
B

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Title:	ADCs	Size:	A
Project:	CougSat-1: Solar	SKU:	68-0001
Designer:	Hendrik Melse	Rev:	2.1.0
Date:	10/9/2019 9:18 AM	Page:	4/5

Variant: PV3 (+Y)

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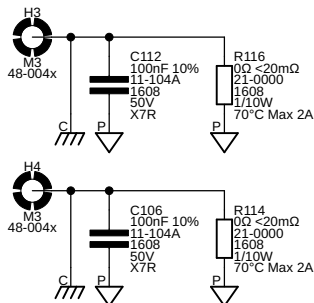
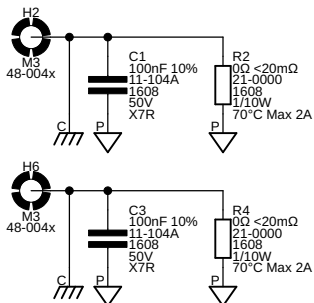
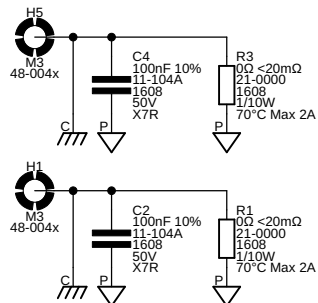
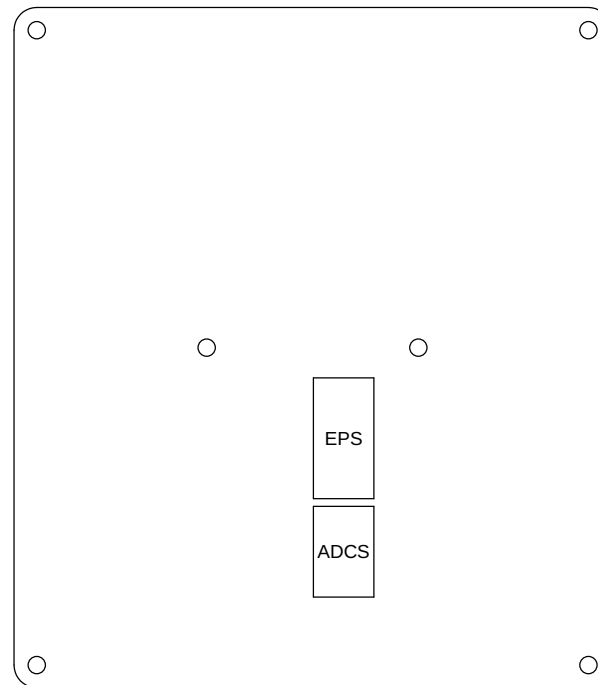
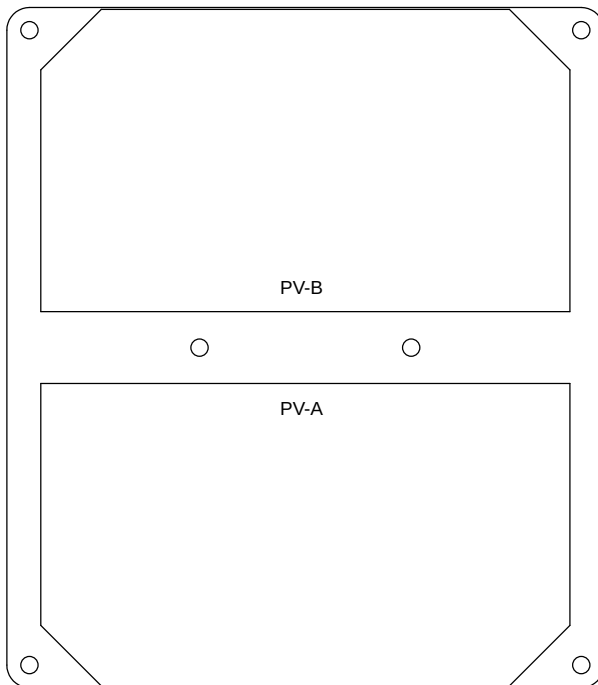
A

B



C

D

LOGO100
Satellite 16mmCougs in
Space

LOGO1

Signature

Variant: PV3 (+Y)

Cougs in
Space EE

Title:	Mechanical	Size:	A
Project:	CougSat-1: Solar	SKU:	68-0001
Designer:	Hendrik Melse	Rev:	2.1.0
Date:	10/9/2019 9:18 AM	Page:	5/5