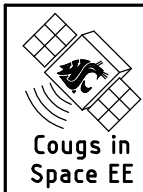
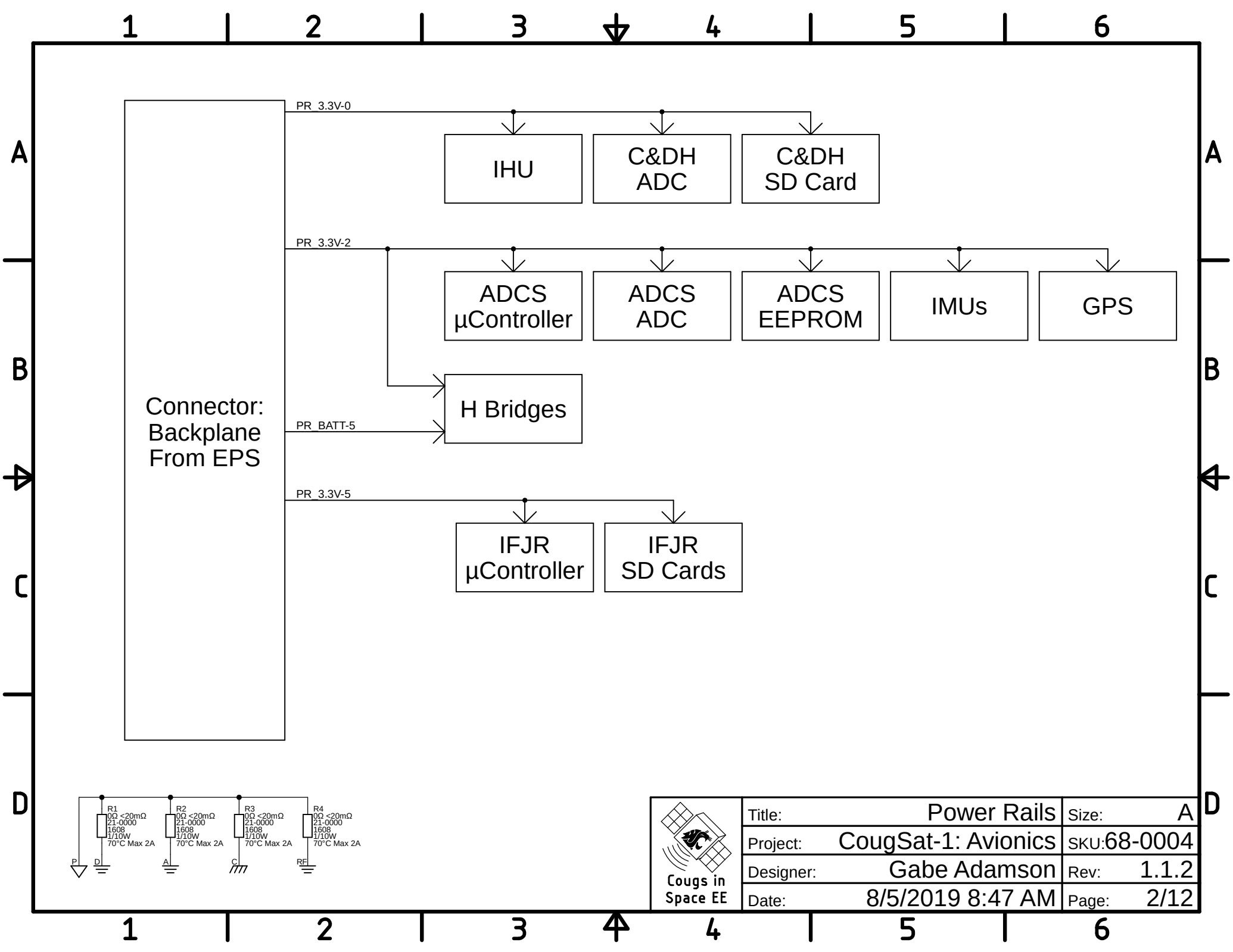


Page 1: Block Diagram
Page 2: Power Rails
Page 3: ADCS
Page 4: IMUs
Page 5: H-Bridges
Page 6: ADCS ADCs & Amplifiers
Page 7: GPS
Page 8: IFJR
Page 9: IHU

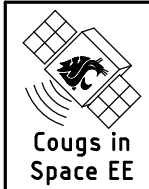
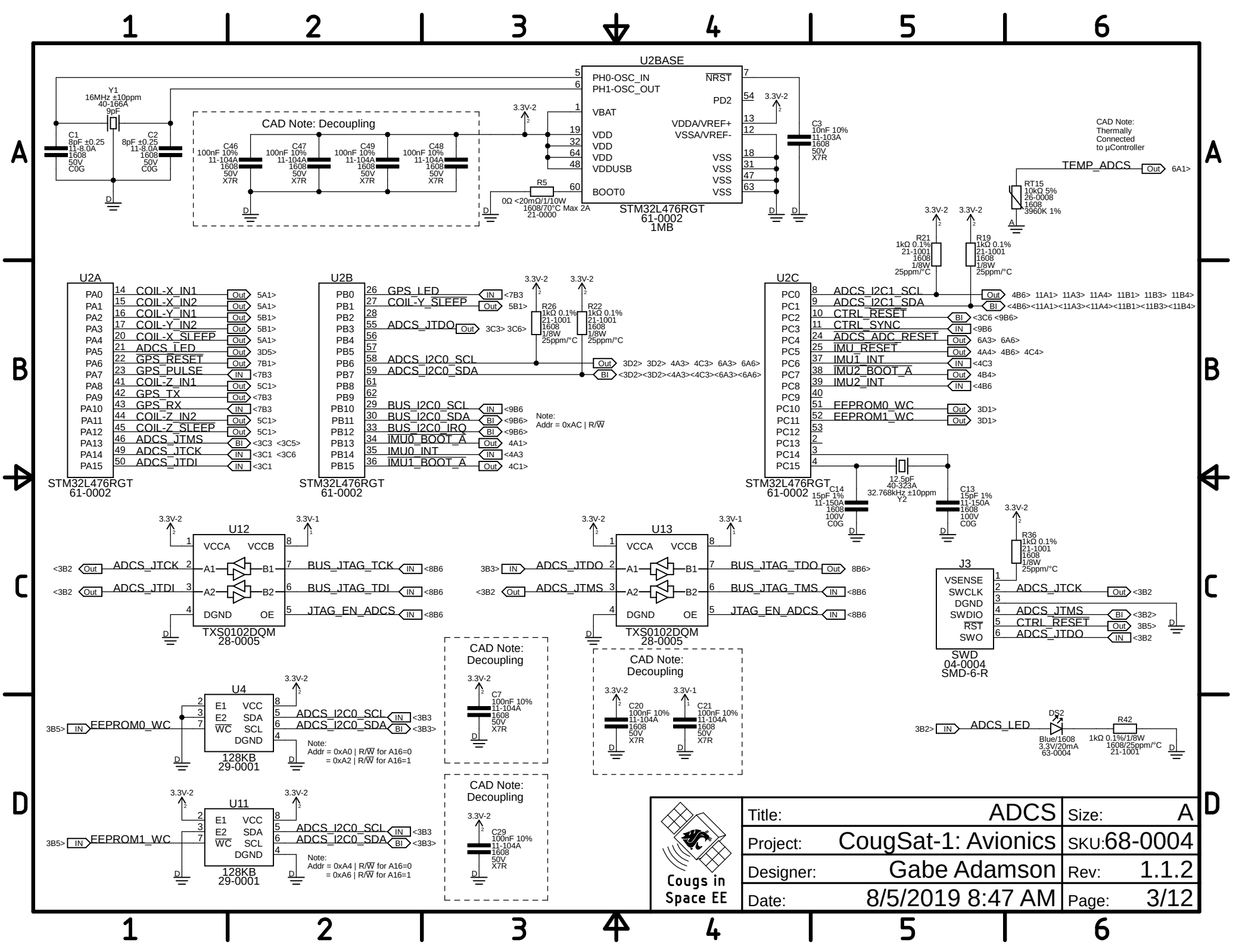
Page 10: IHU Cards & C&DH ADC
Page 11: Power & ADCS Jacks
Page 12: Mechanical



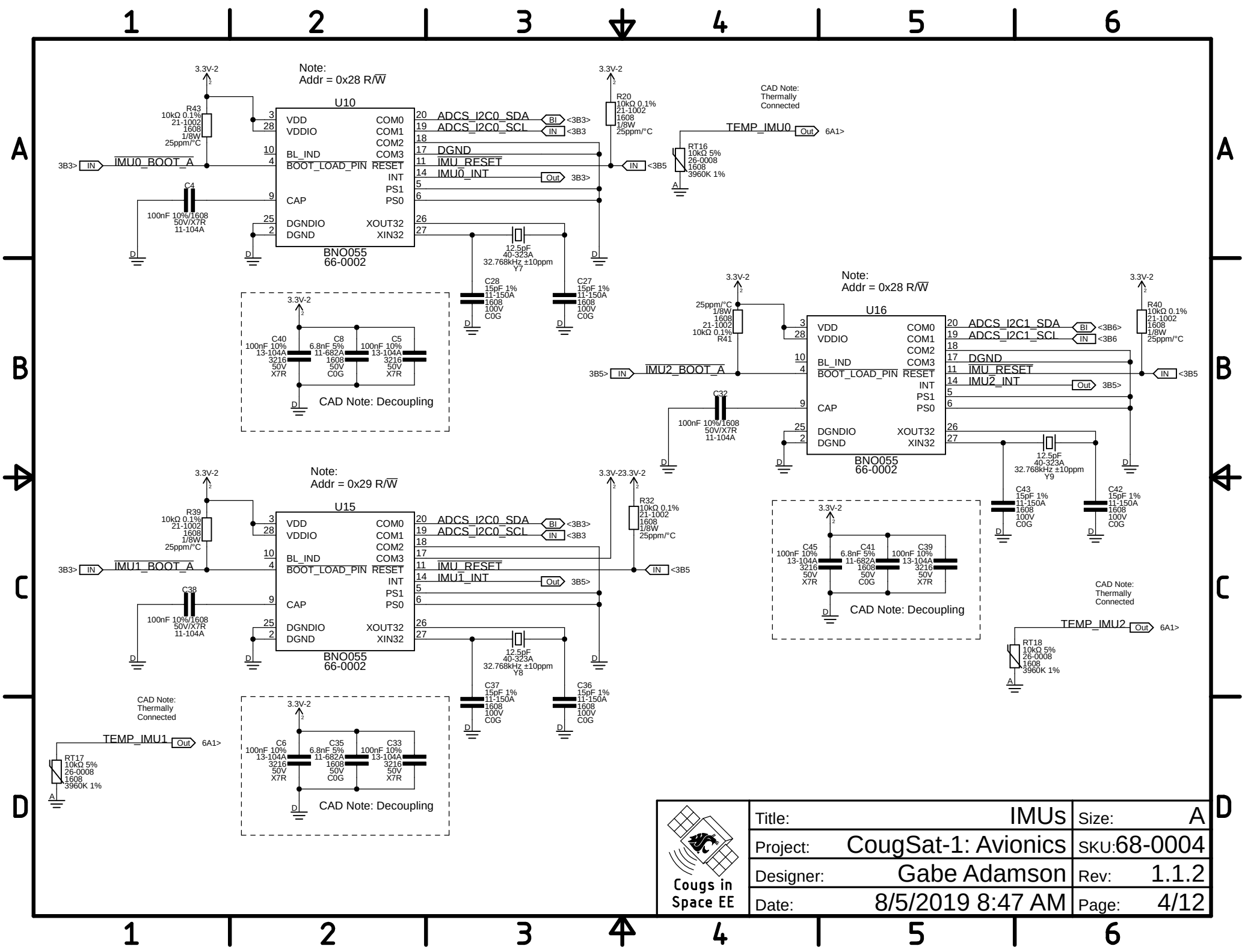
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Project:	CougSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.3
Date:	8/5/2019 8:47 AM	Page:	1/12




Title:	Power Rails	Size:	A
Project:	CougSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.2
Date:	8/5/2019 8:47 AM	Page:	2/12



Title:	ADCS	Size:	A
Project:	CougSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.2
Date:	8/5/2019 8:47 AM	Page:	3/12



 Cougs in Space EE	Title:	IMUs	Size:	A
	Project:	CougSat-1: Avionics	SKU:	68-0004
	Designer:	Gabe Adamson	Rev:	1.1.2
	Date:	8/5/2019 8:47 AM	Page:	4/12

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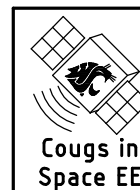
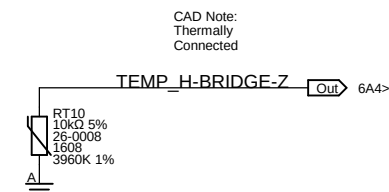
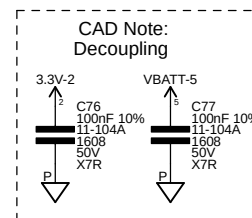
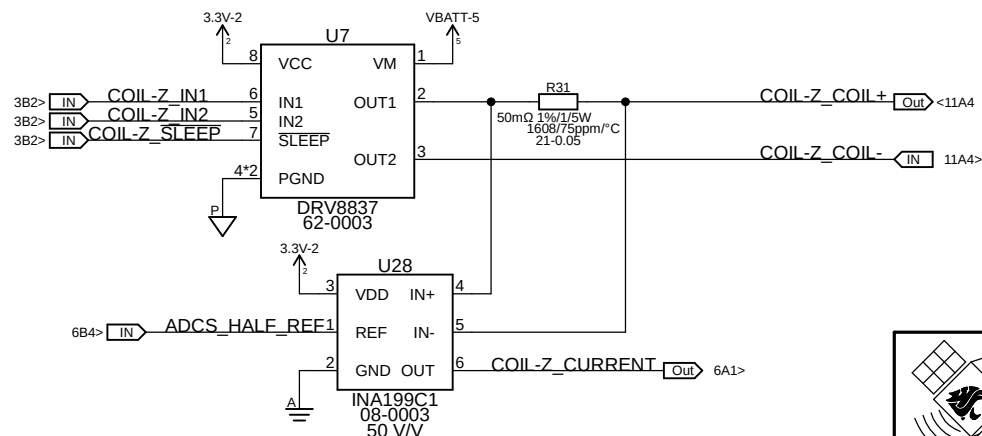
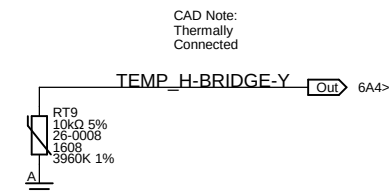
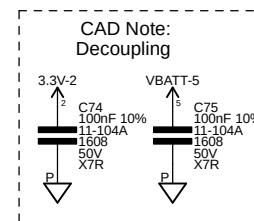
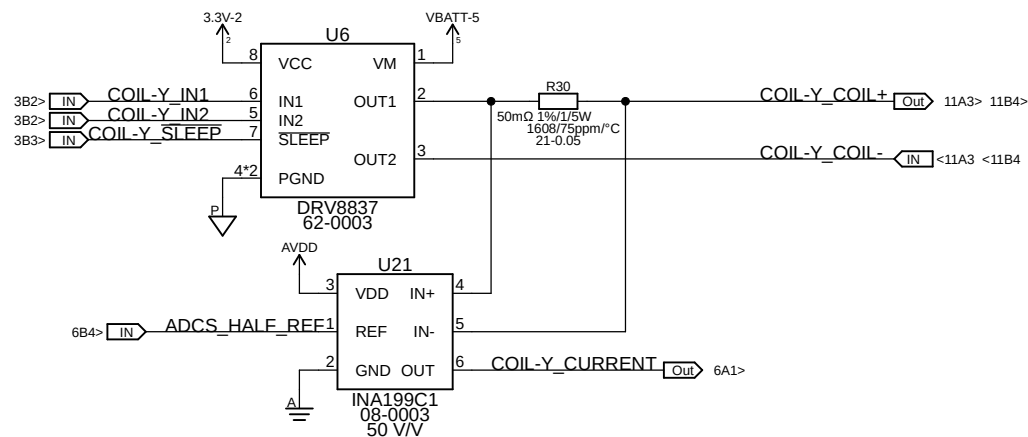
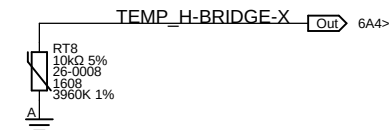
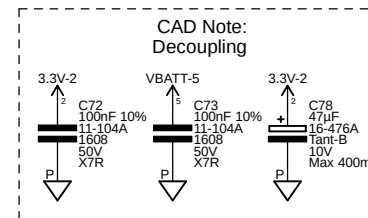
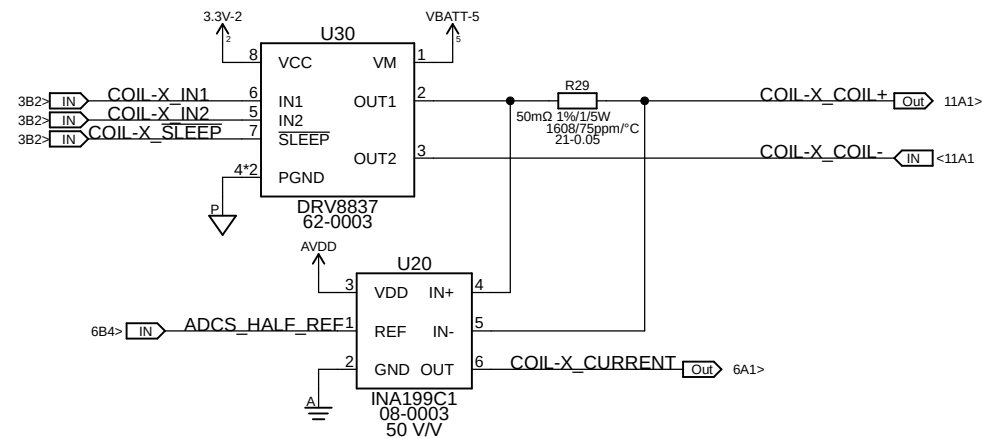
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Project:	CougsSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.2
Date:	8/5/2019 8:47 AM	Page:	5/12

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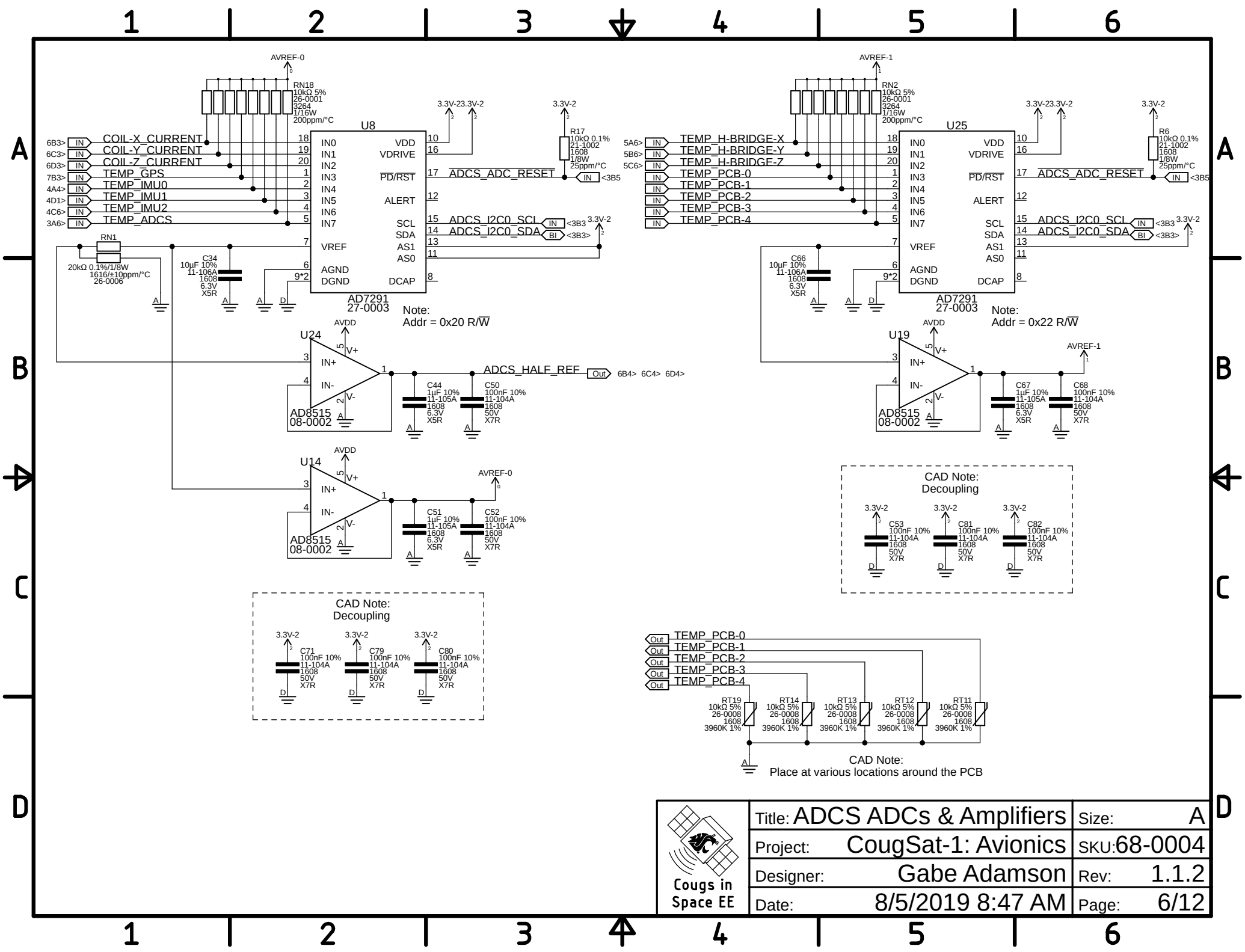
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	Title: ADCS ADCs & Amplifiers	Size: A
	Project: CougSat-1: Avionics	SKU:68-0004
	Designer: Gabe Adamson	Rev: 1.1.2
	Date: 8/5/2019 8:47 AM	Page: 6/12

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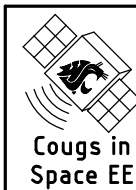
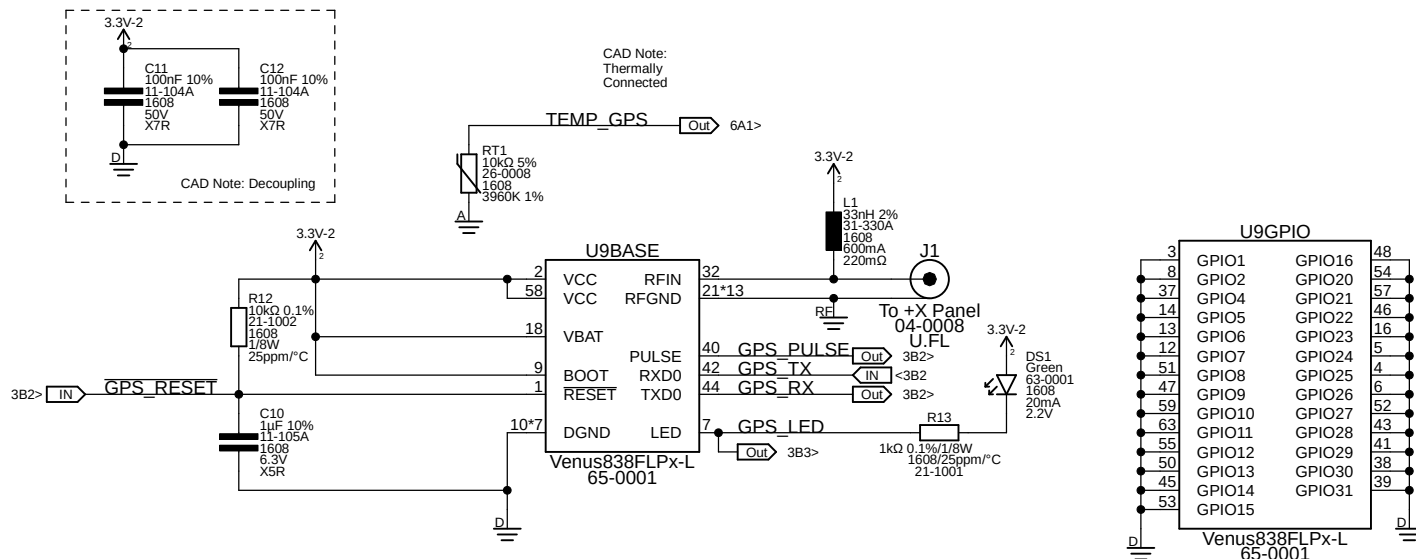
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Title:	GPS	Size:	A
Project:	CougSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.2
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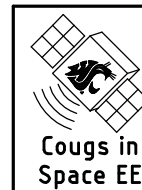
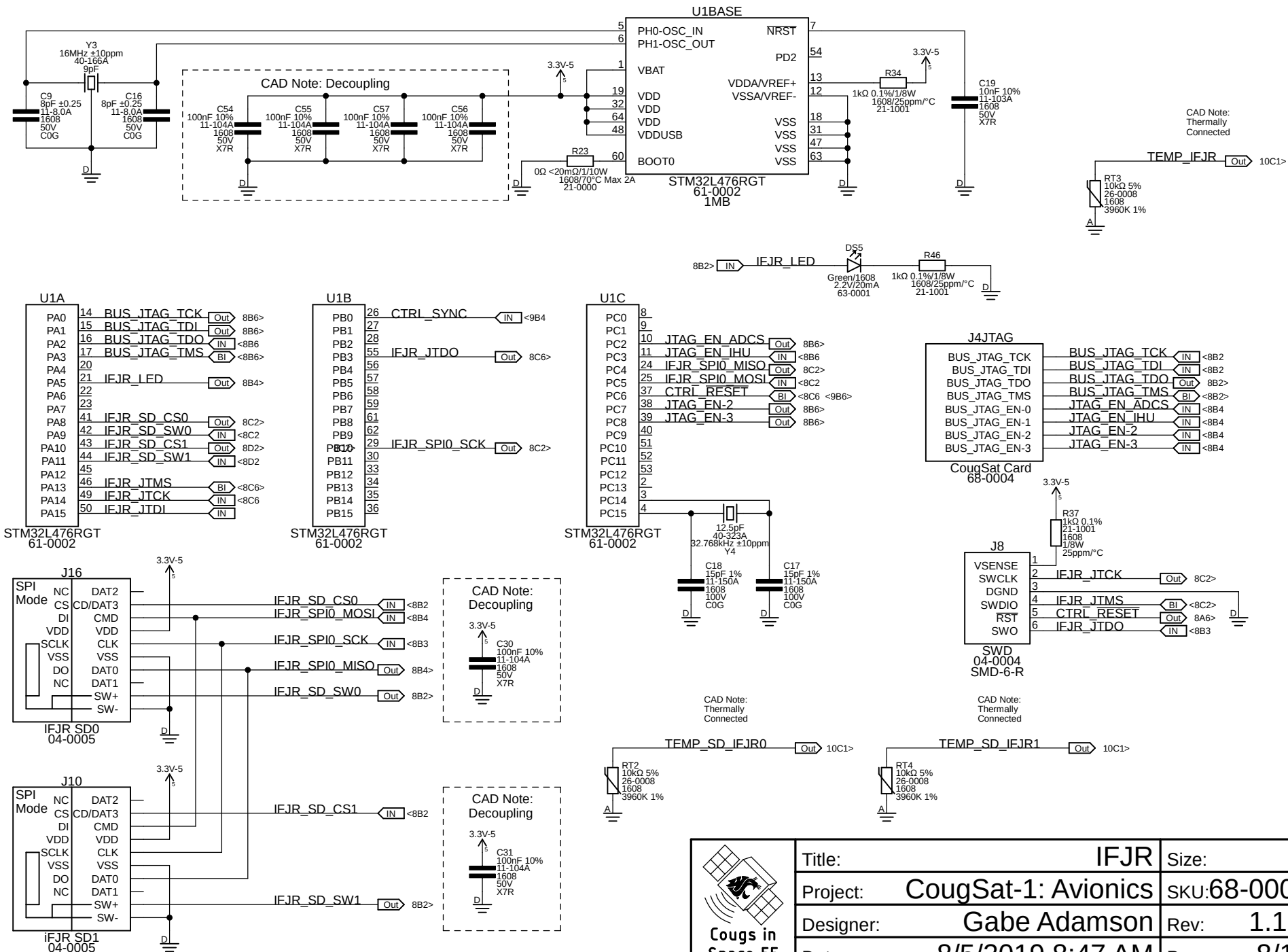
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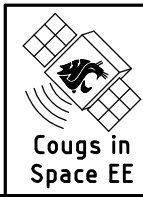
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Title:	IFJR	Size:	A
Project:	CougSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.2
Date:	8/5/2019 8:47 AM	Page:	8/12



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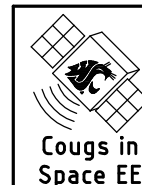
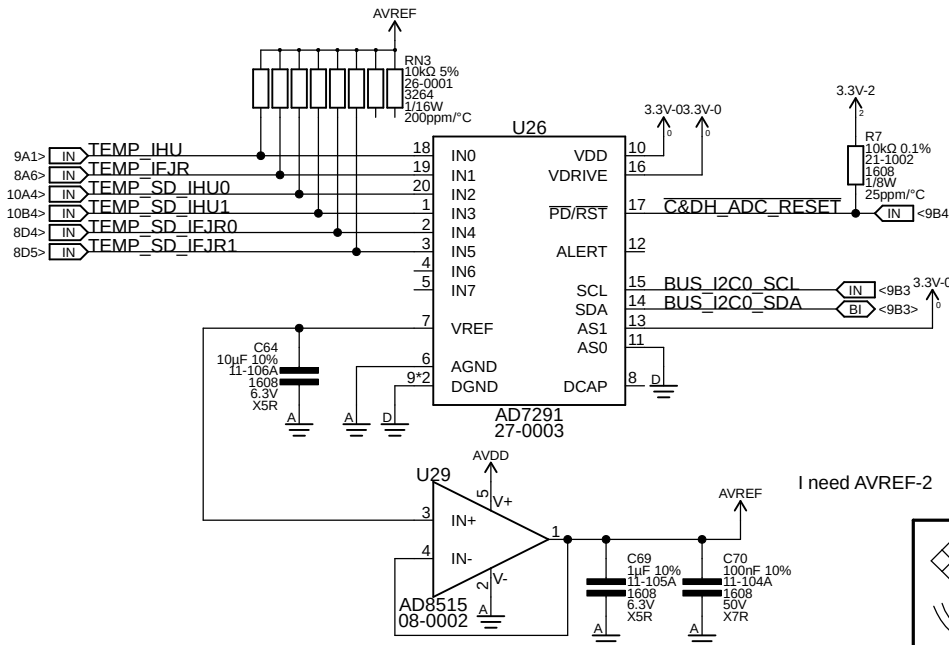
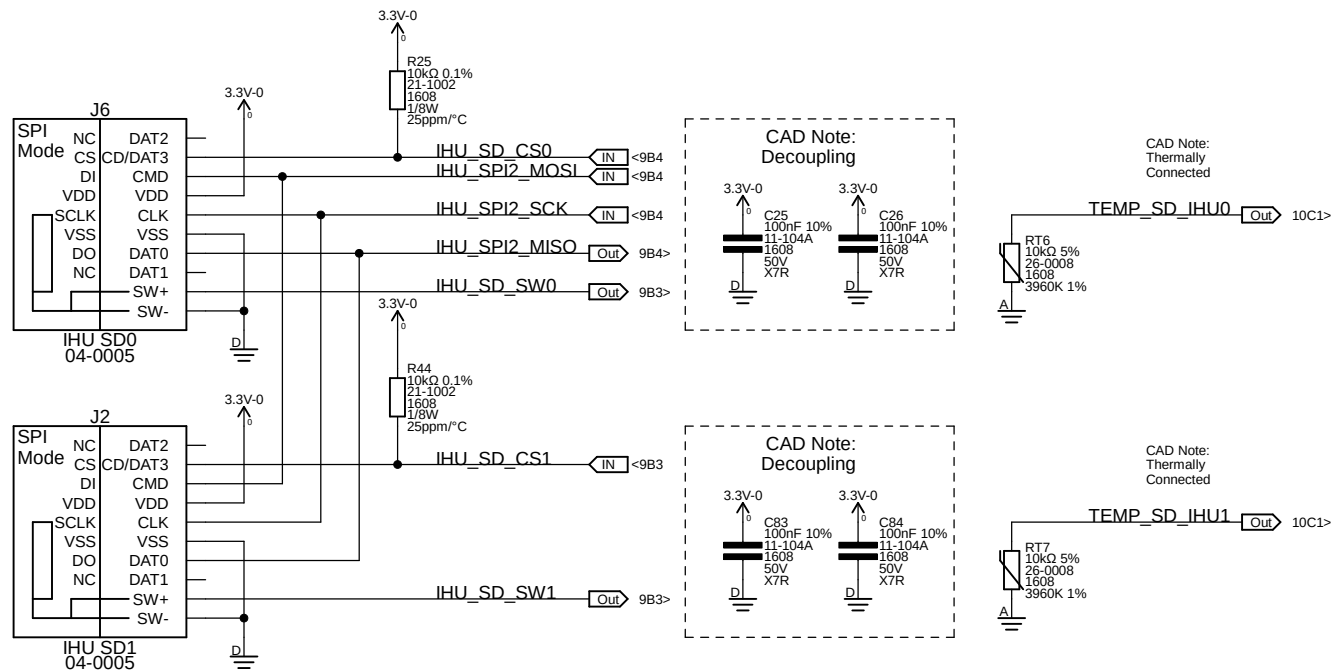
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Title: IHU Cards & C&DH ADC	Size: A
Project: CougSat-1: Avionics	SKU:68-0004
Designer: Gabe Adamson	Rev: 1.1.2
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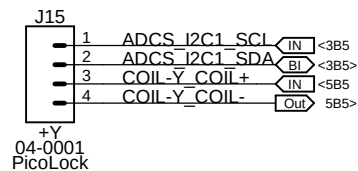
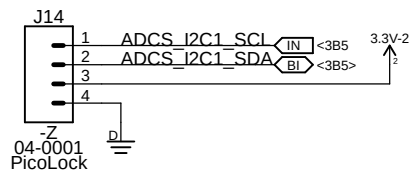
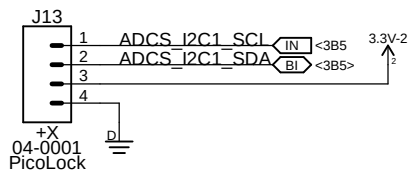
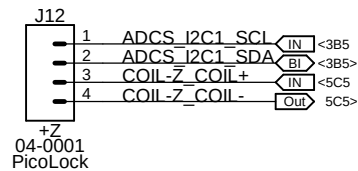
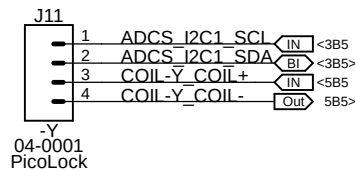
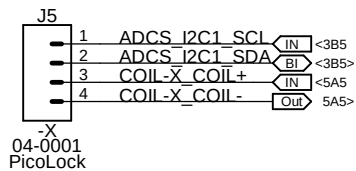
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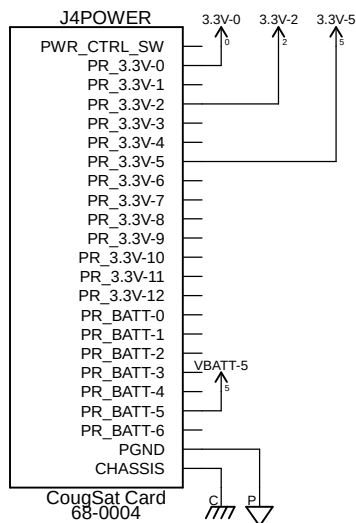
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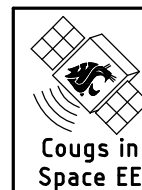
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Cougs in
Space EE

Title:	Power & ADCS Jacks	Size:	A
Project:	CougSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.2
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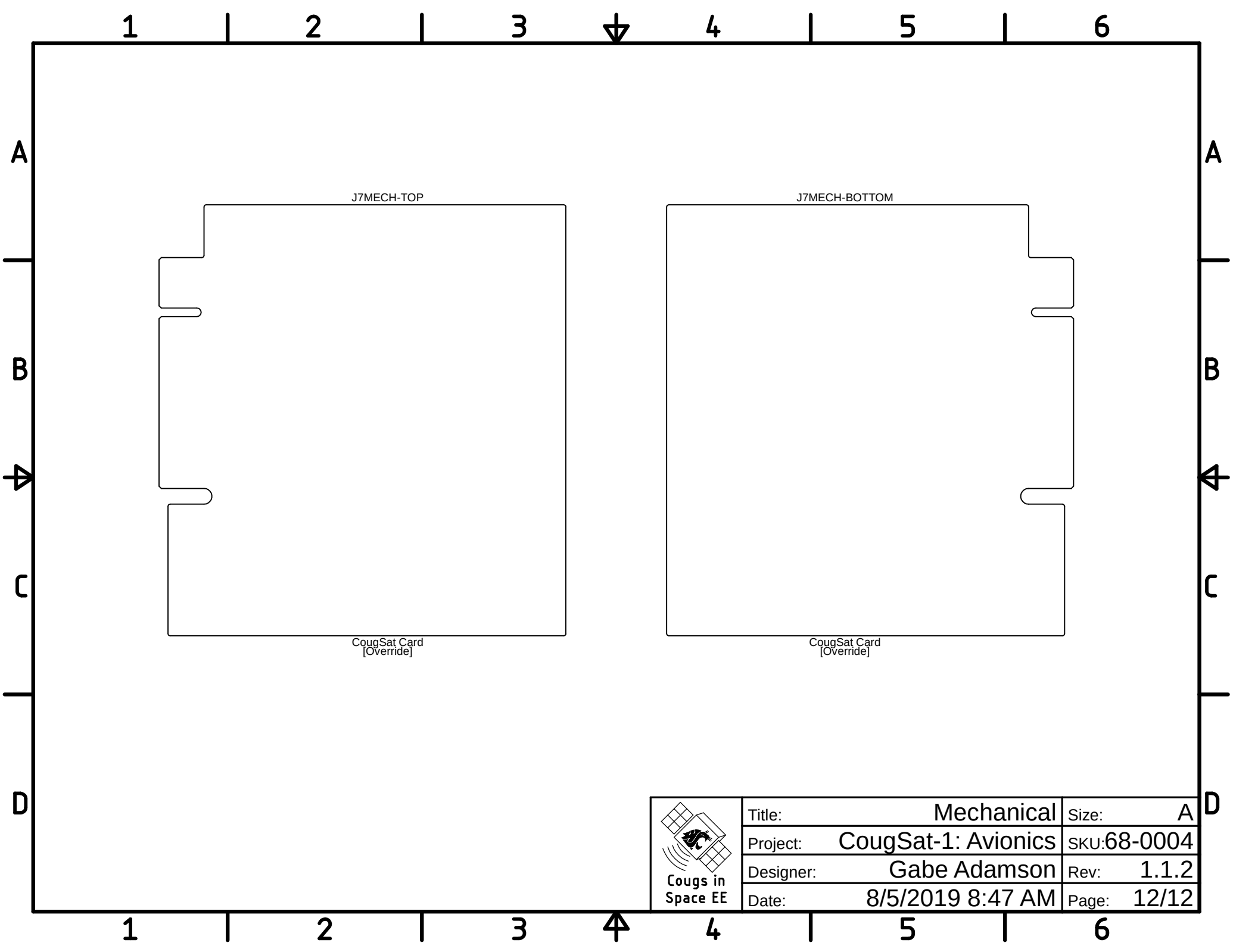
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Title:	Mechanical	Size:	A
Project:	CougSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.2
Date:	8/5/2019 8:47 AM	Page:	12/12