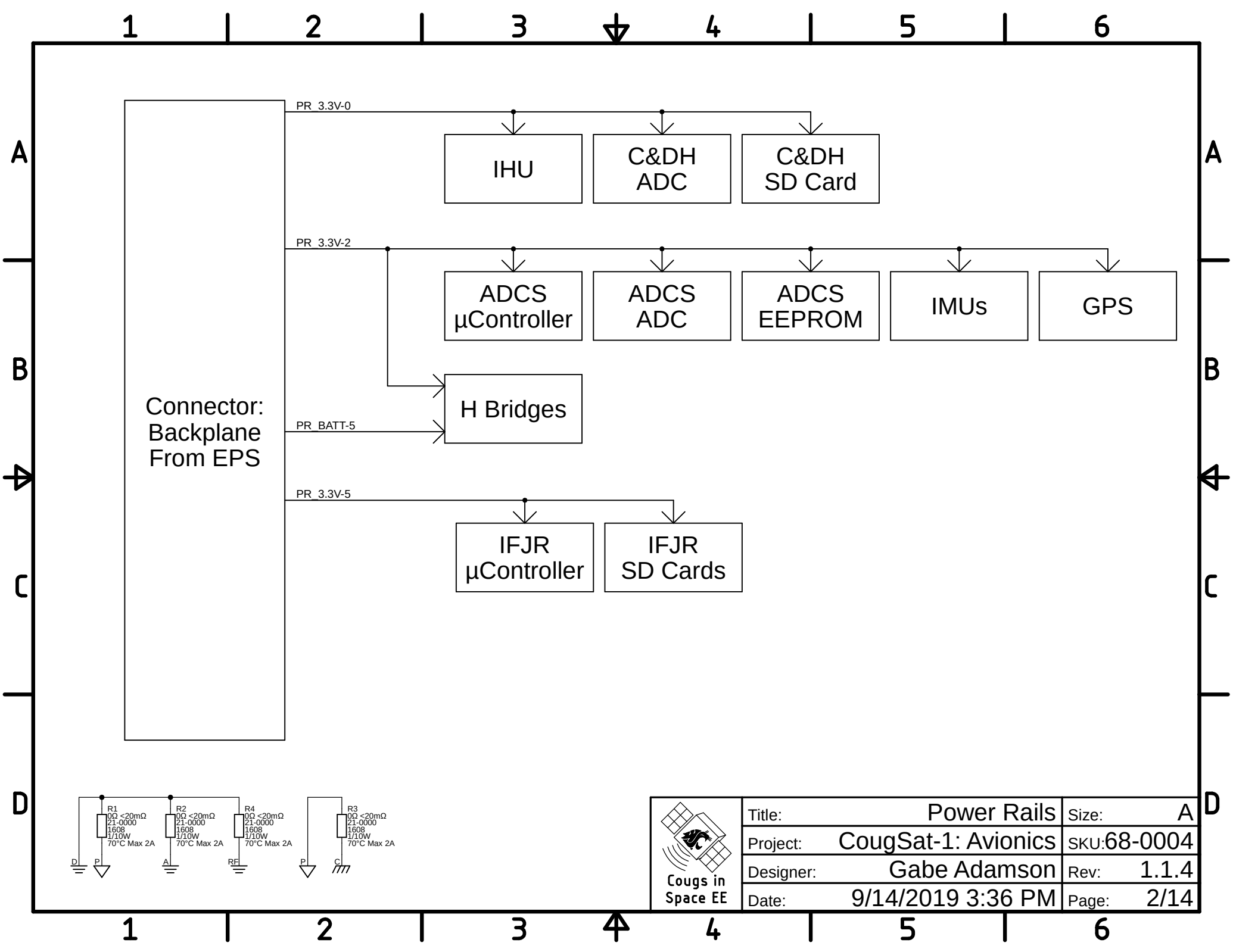


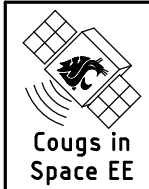
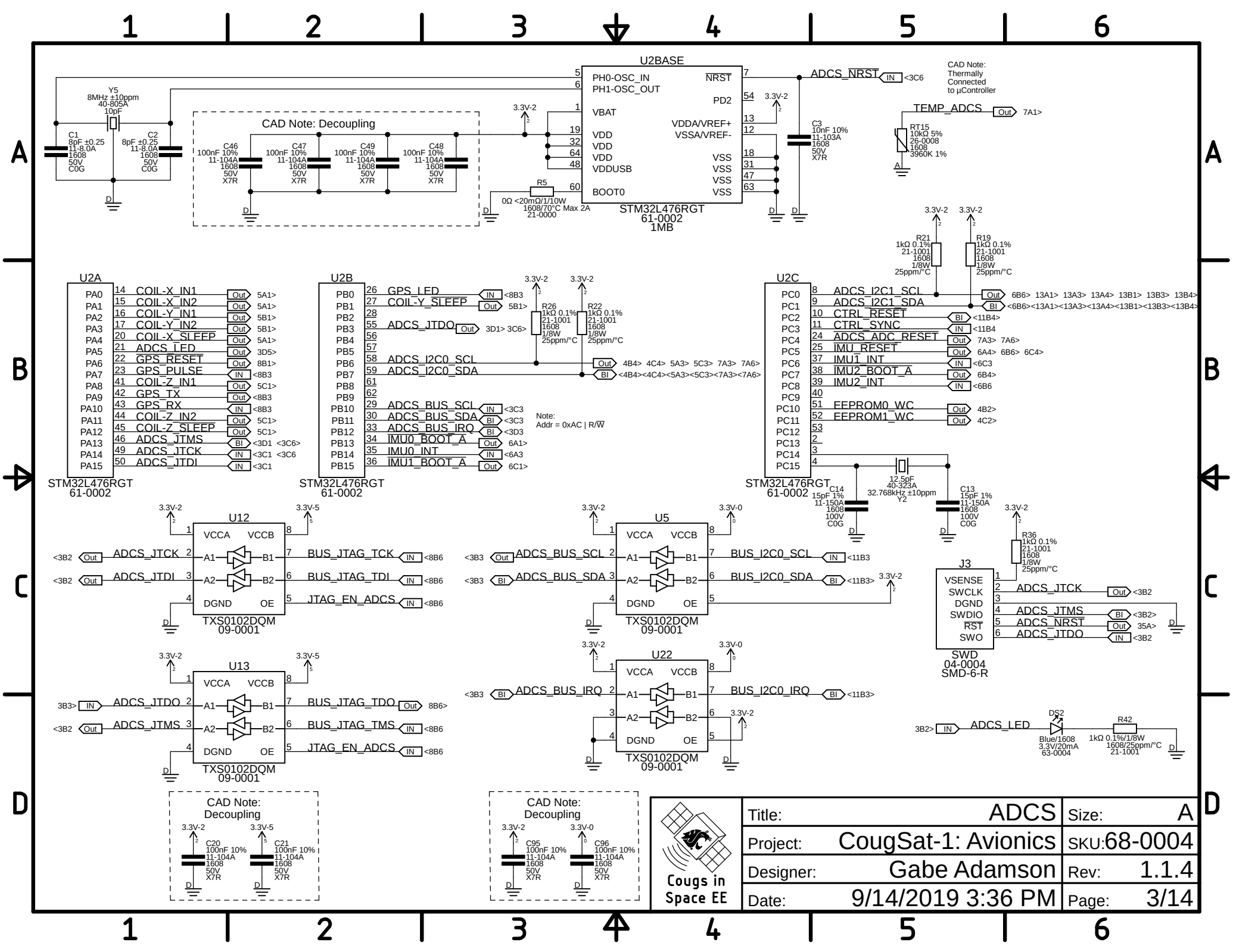
Page 1: Block Diagram
Page 2: Power Rails
Page 3: ADCS
Page 4: ADCS EEPROM
Page 5: H-bridges
Page 6: IMUs
Page 7: ADCS ADCs
Page 8: GPS
Page 9: IFJR

Page 10: IFJR Cards
Page 11: IHU
Page 12: C&DH SD Cards & ADC
Page 13: Power & ADCS Jacks
Page 14: Mechanical

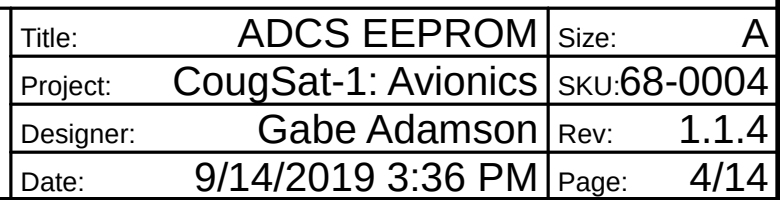
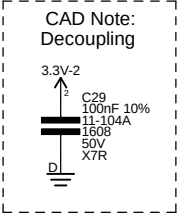


Title:	Block Diagram	Size:	A
Project:	CougSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.4
Date:	9/14/2019 3:36 PM	Page:	1/14





Title:	ADCS	Size:	A
Project:	CougSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.4
Date:	9/14/2019 3:36 PM	Page:	3/14



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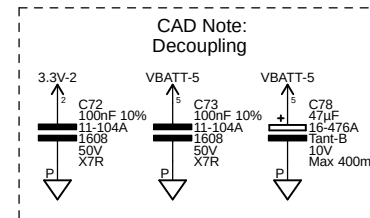
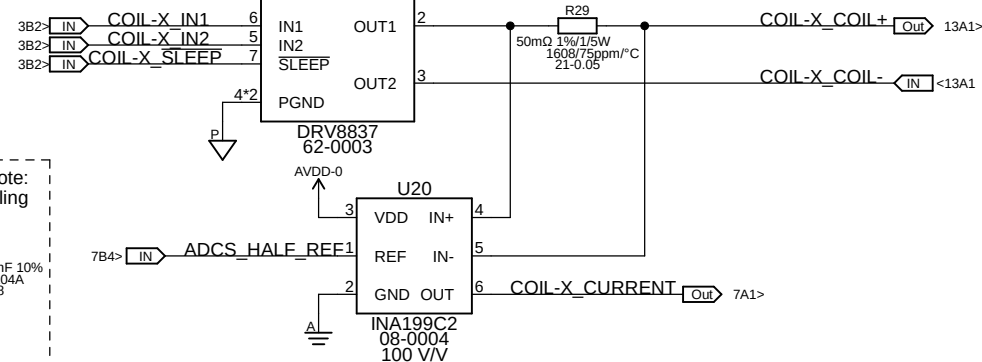
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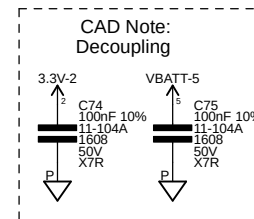
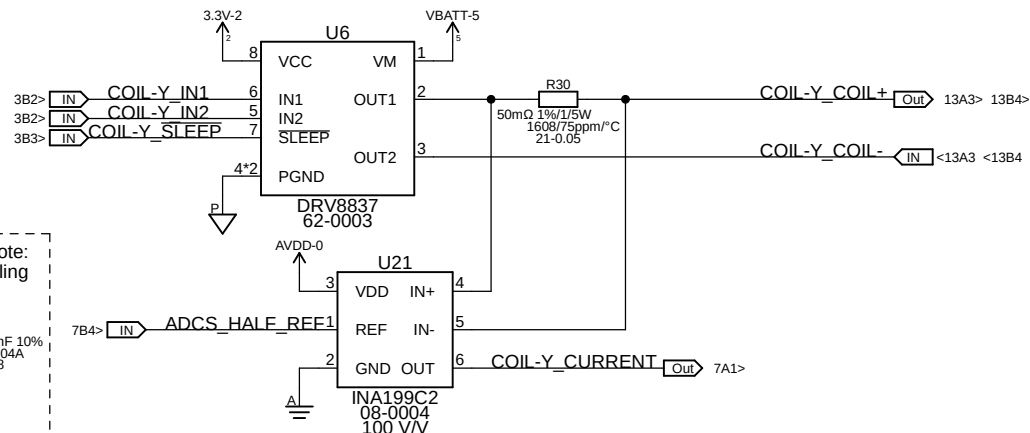
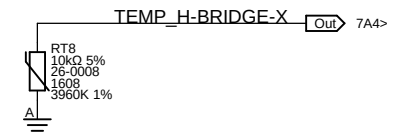
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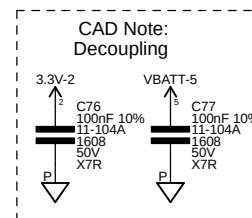
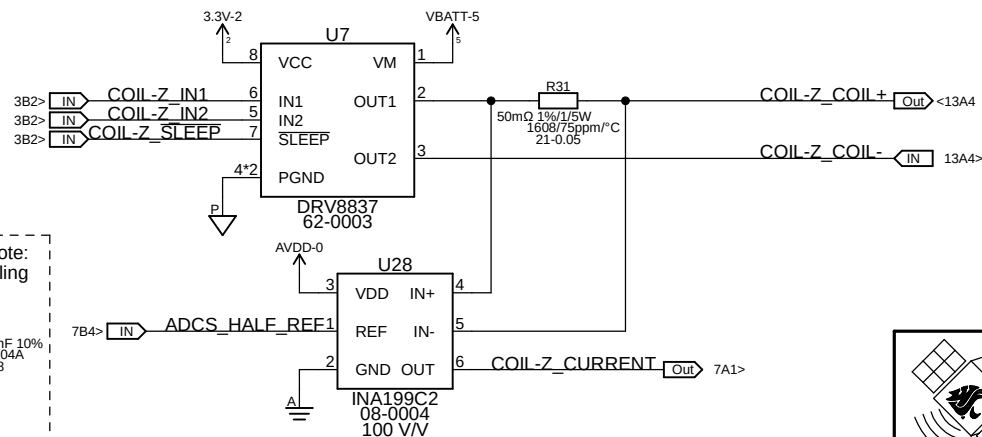
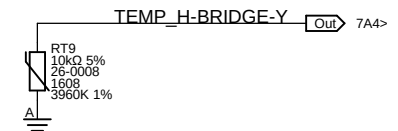
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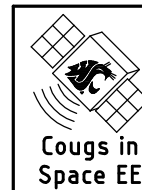
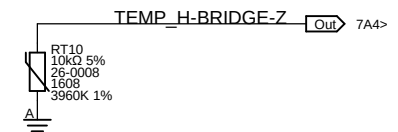
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Thermally
Connected



CAD Note:
Thermally
Connected



CAD Note:
Thermally
Connected



Title:	H-bridges	Size:	A
Project:	CougsSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.4
Date:	9/14/2019 3:36 PM	Page:	5/14

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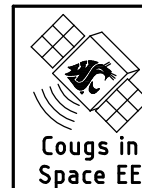
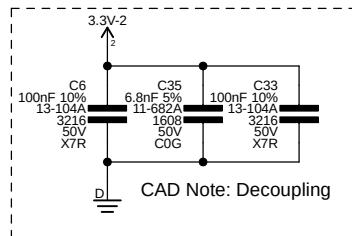
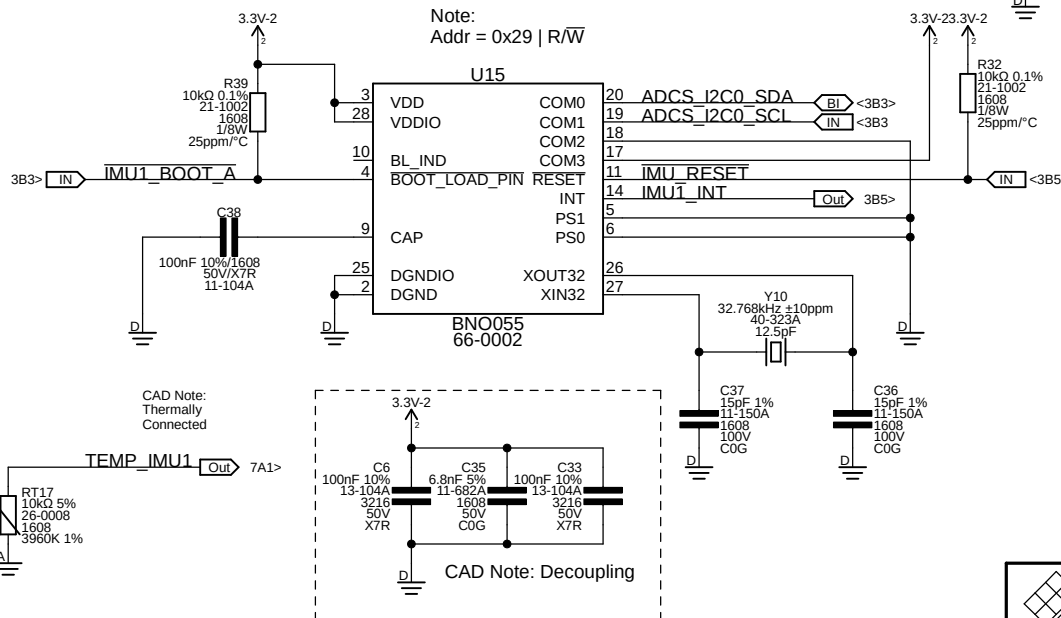
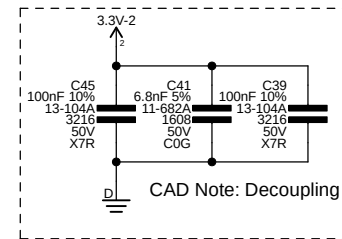
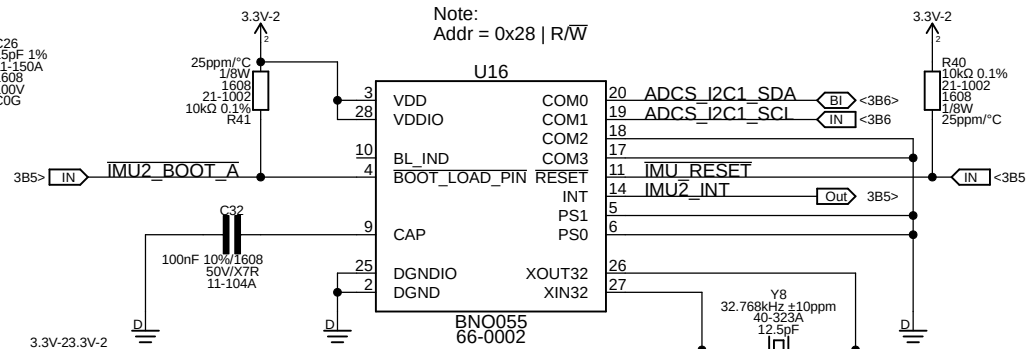
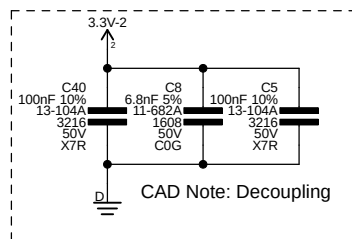
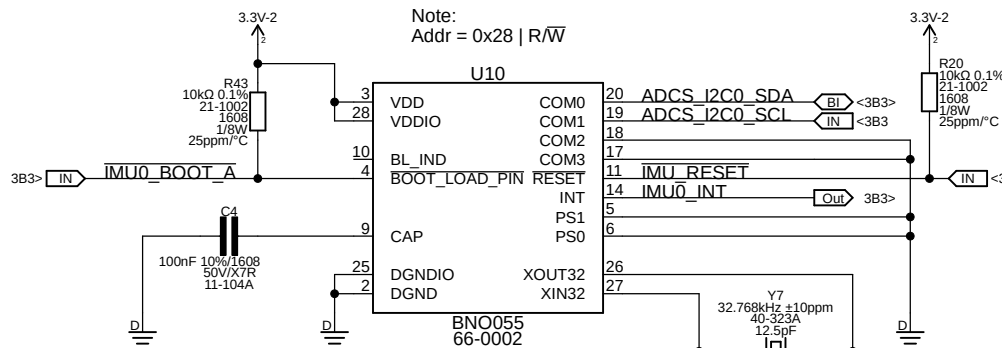
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Cougs in
Space EE

Title:	IMUs	Size:	A
Project:	CougsSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.4
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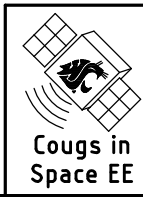
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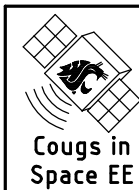
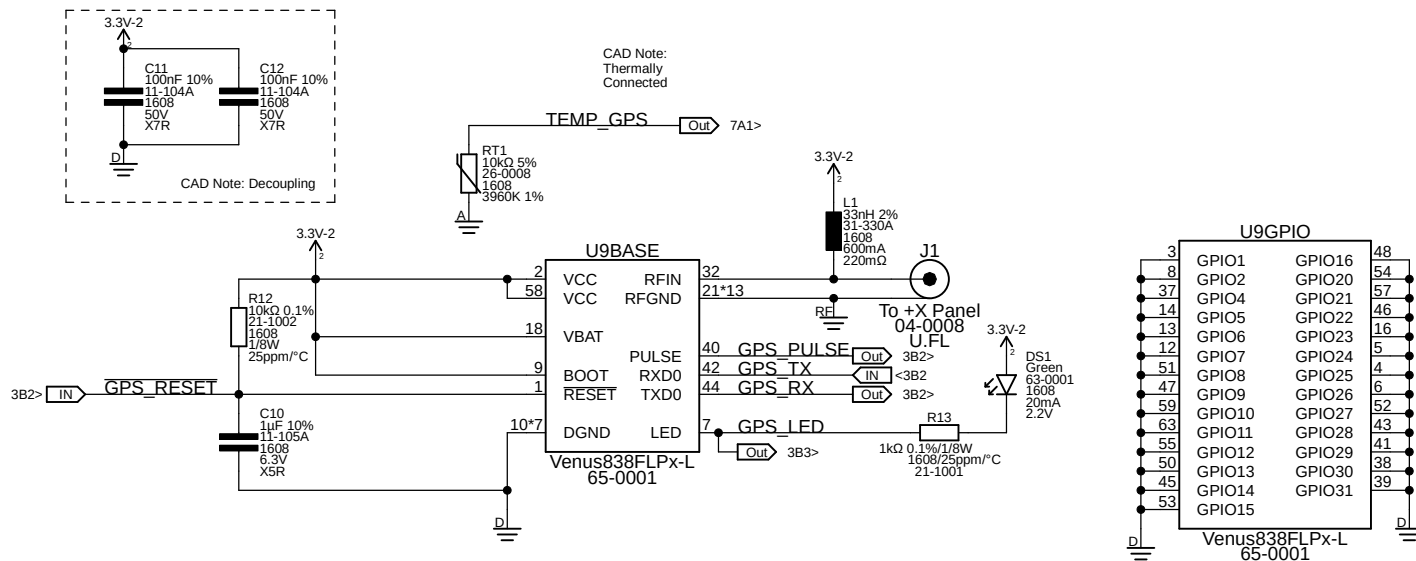
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Title:	GPS	Size:	A
Project:	CougsSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.4
Date:	9/14/2019 3:36 PM	Page:	8/14

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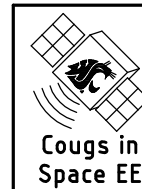
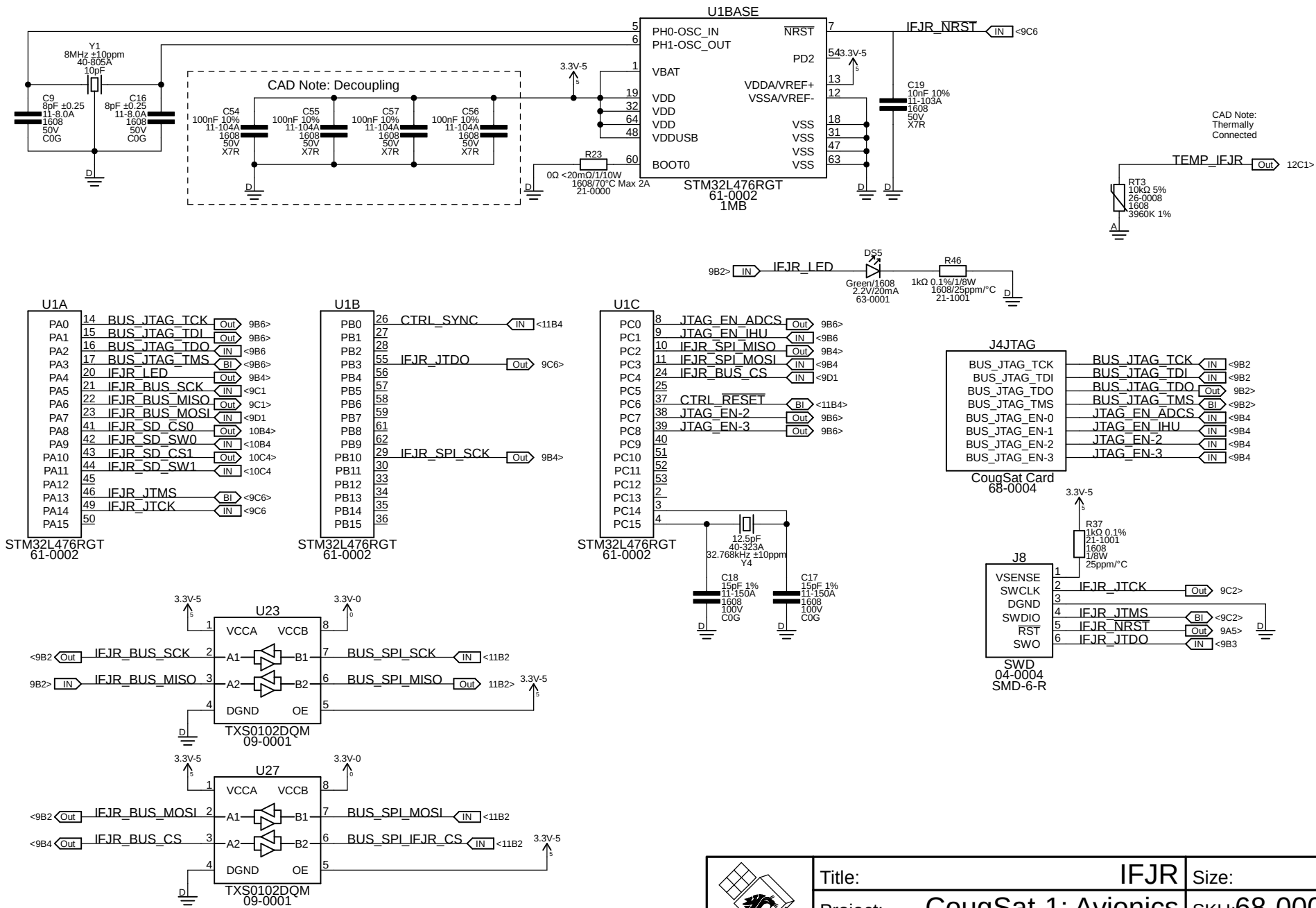
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Title:	IFJR	Size:	A
Project:	CougSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.4
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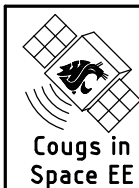
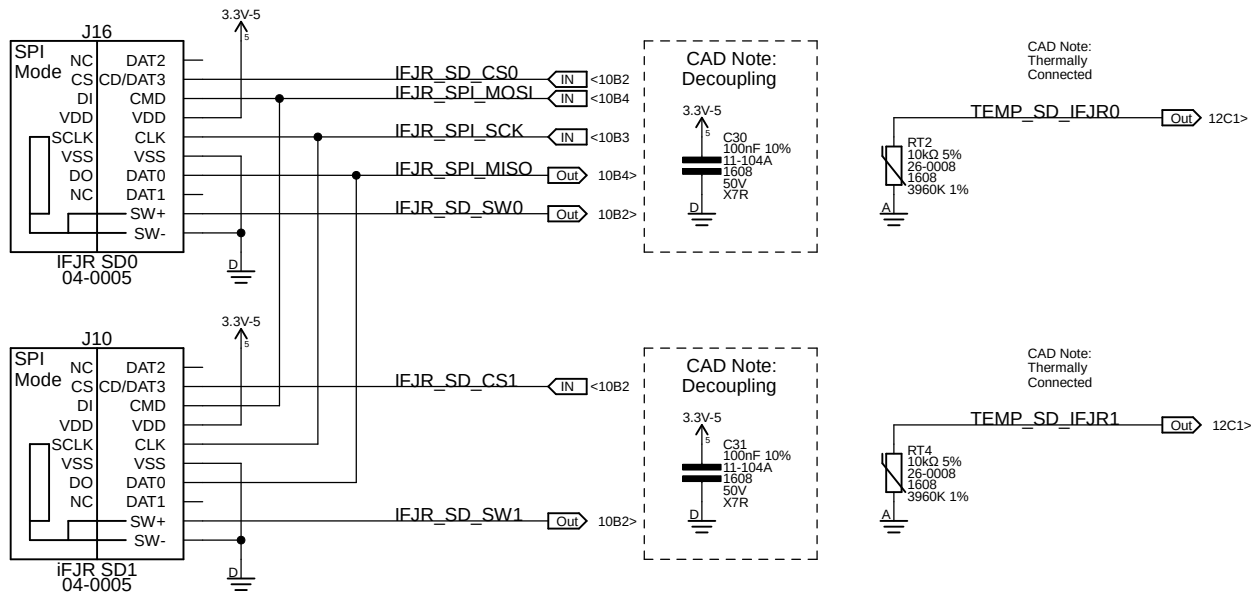
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Title:	IFJR Cards		Size:	A
Project:	CougSat-1: Avionics		SKU:	68-0004
Designer:	Gabe Adamson		Rev:	1.1.4
Date:	9/14/2019 3:36 PM		Page:	10/14

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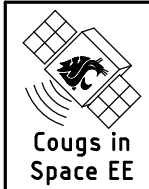
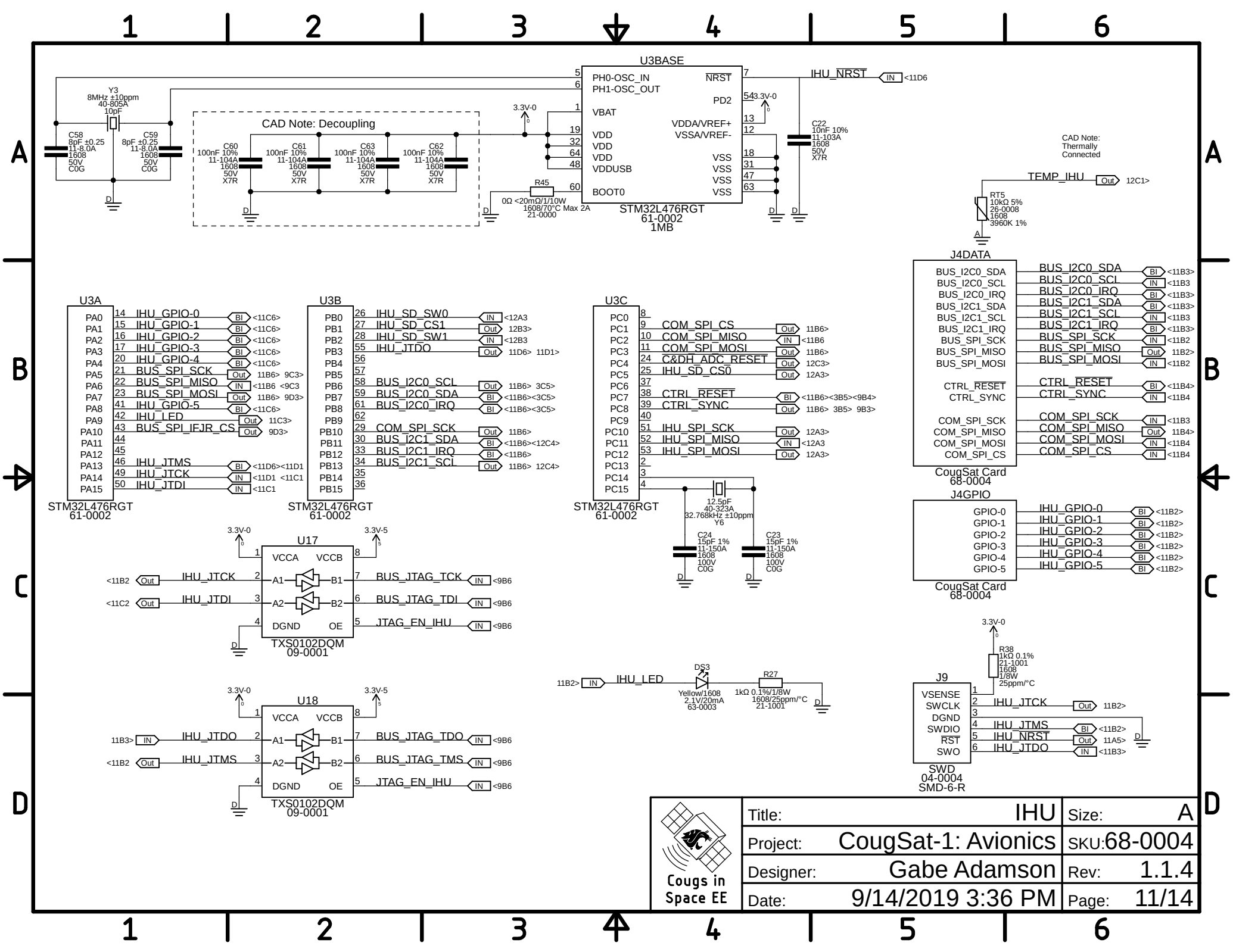
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Title:	IHU	Size:	A
Project:	CougSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.4
Date:	9/14/2019 3:36 PM	Page:	11/14

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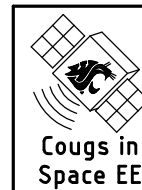
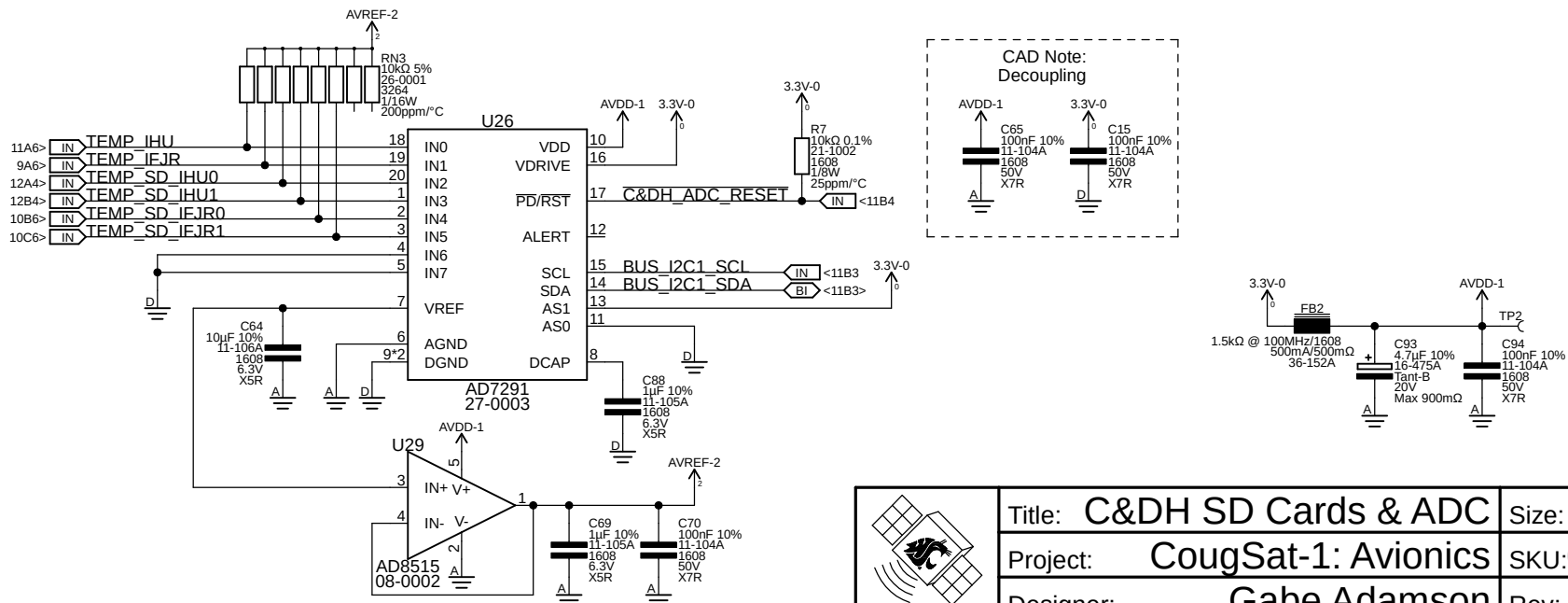
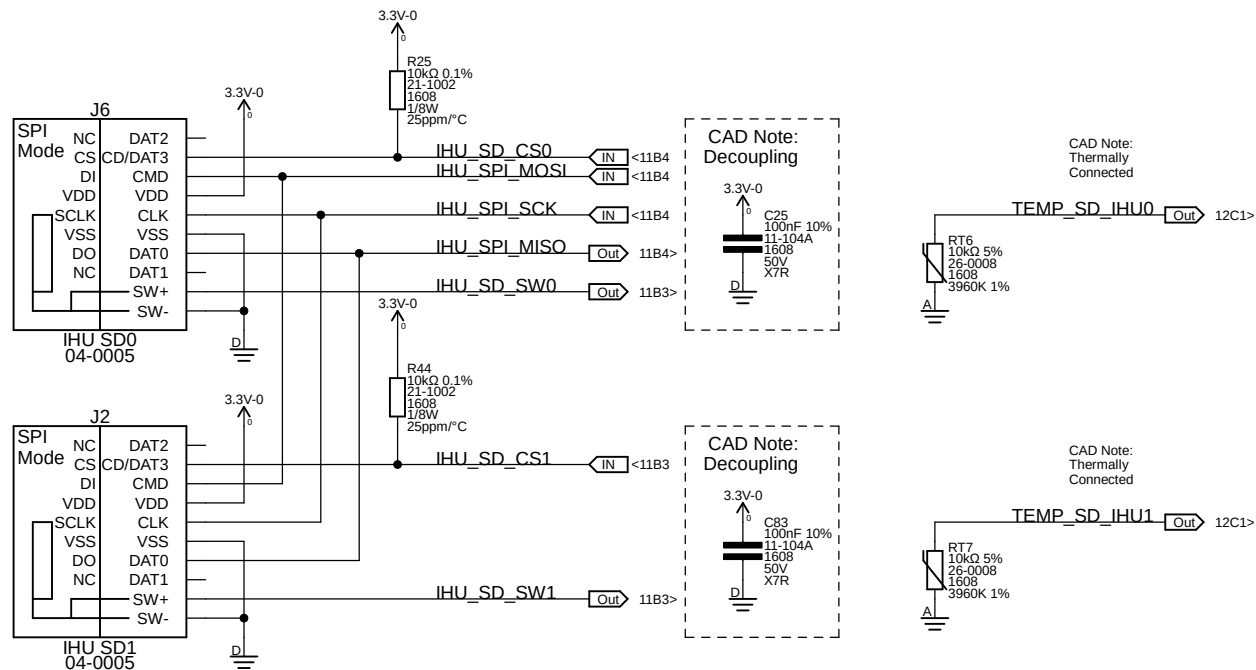
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**Cougs in
Space EE**

Title: C&DH SD Cards & ADC	Size: A
Project: CougSat-1: Avionics	SKU:68-0004
Designer: Gabe Adamson	Rev: 1.1.4
Date: 9/14/2019 3:36 PM	Page: 12/14

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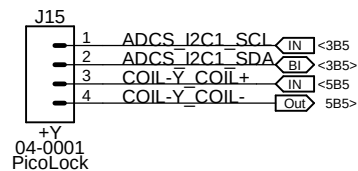
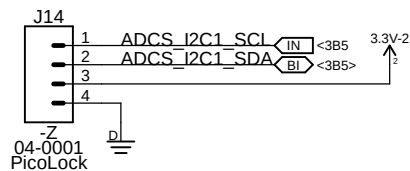
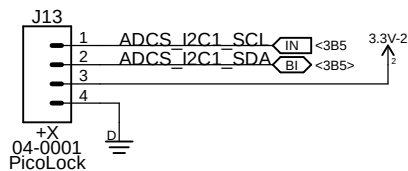
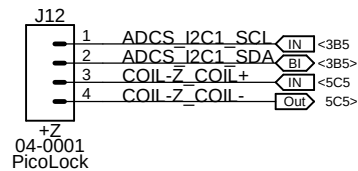
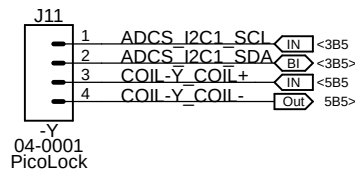
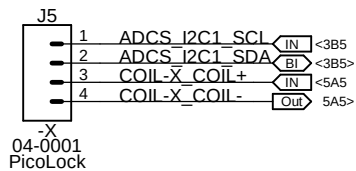


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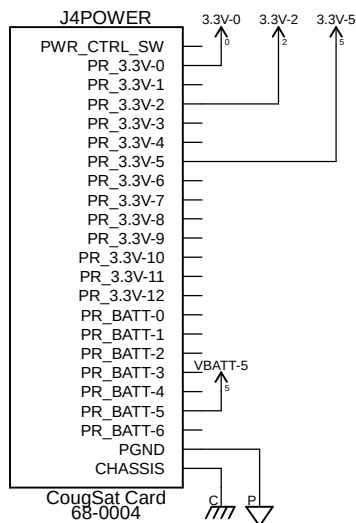
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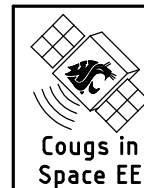
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Title:	Power & ADCS Jacks	Size:	A
Project:	CougSat-1: Avionics	SKU:	68-0004
Designer:	Gabe Adamson	Rev:	1.1.4
Date:	9/14/2019 3:36 PM	Page:	13/14

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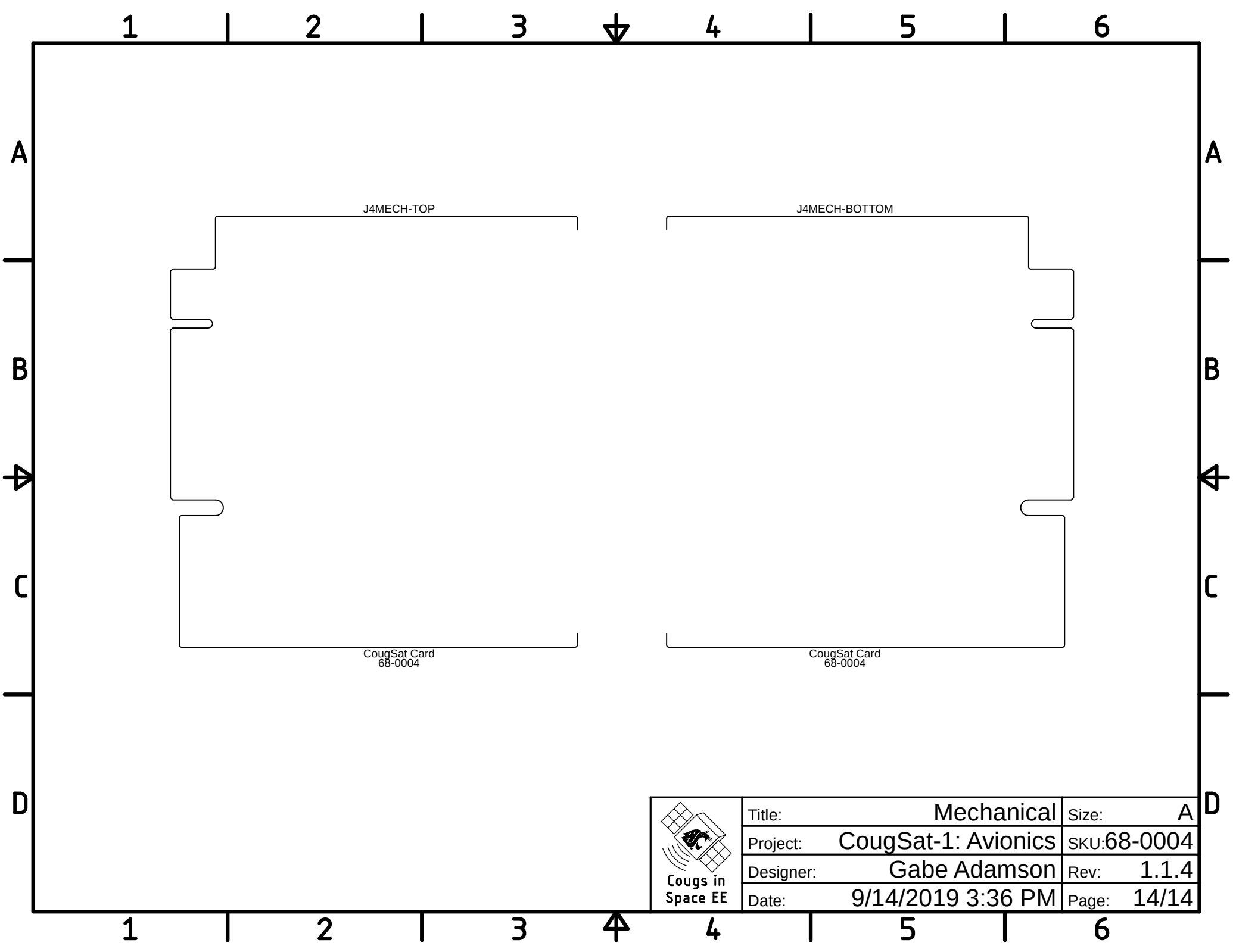
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J4MECH-TOP

J4MECH-BOTTOM

CougSat Card
68-0004

CougSat Card
68-0004

 Cougs in Space EE	Title: Mechanical	Size: A
	Project: CougSat-1: Avionics	SKU: 68-0004
	Designer: Gabe Adamson	Rev: 1.1.4
	Date: 9/14/2019 3:36 PM	Page: 14/14