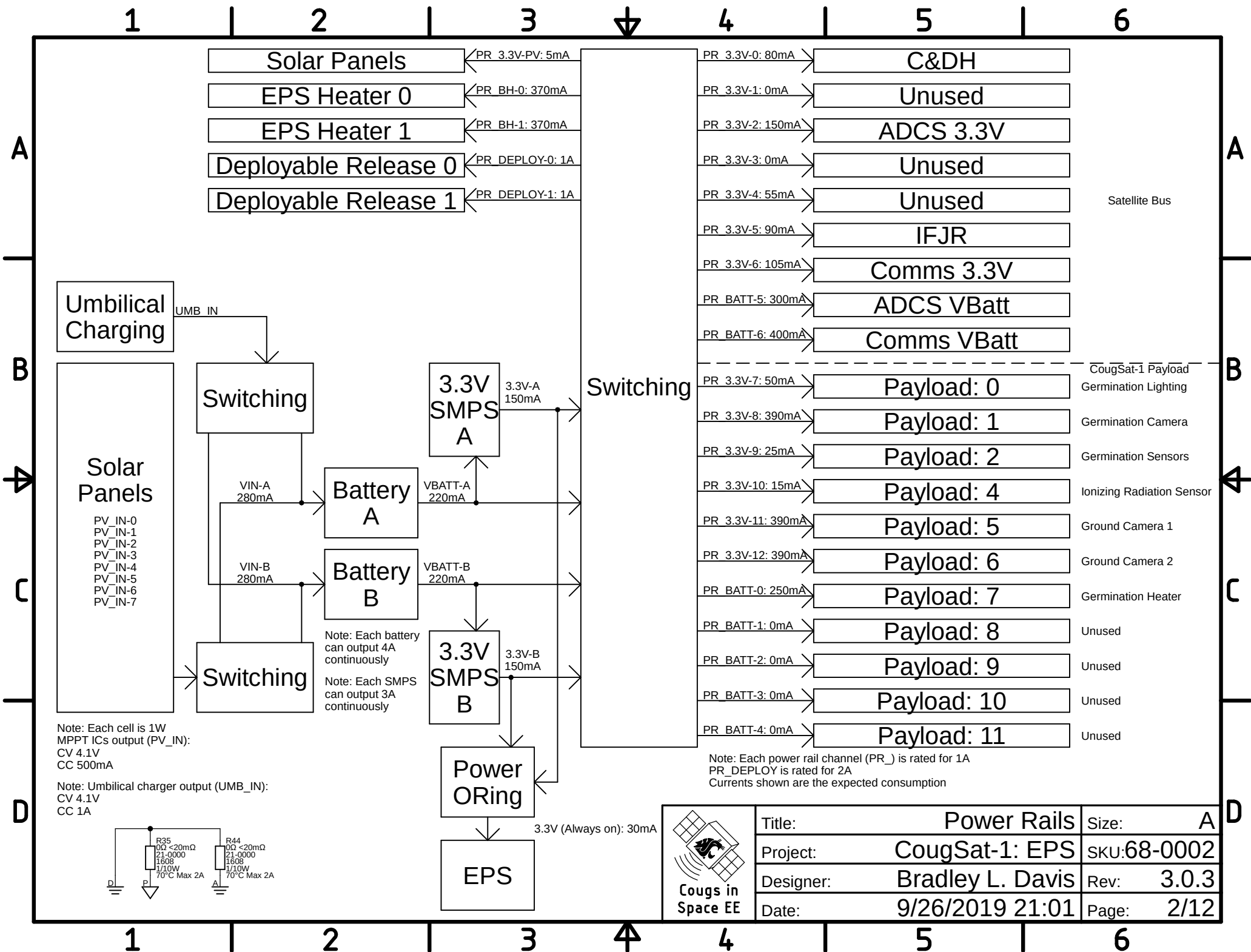
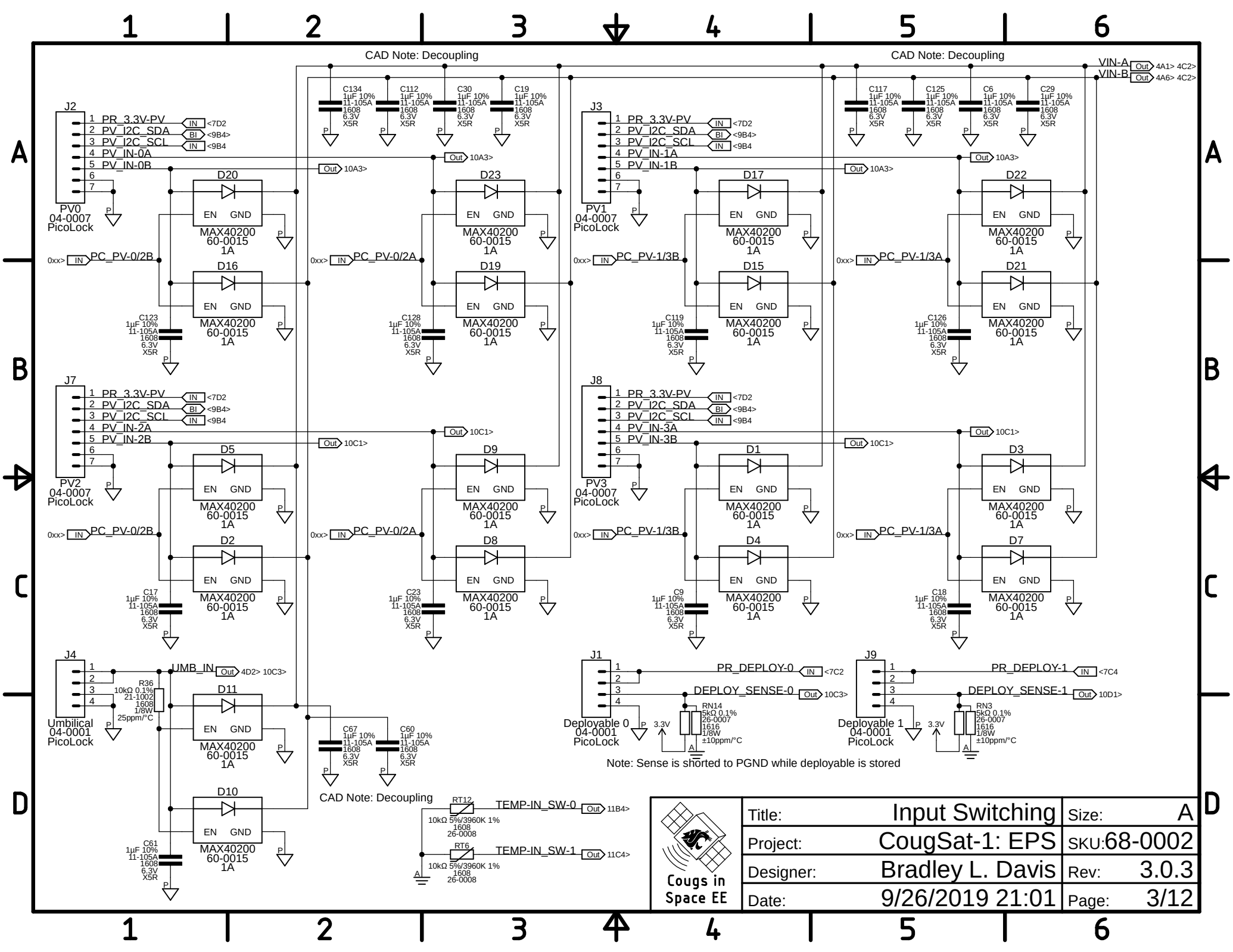
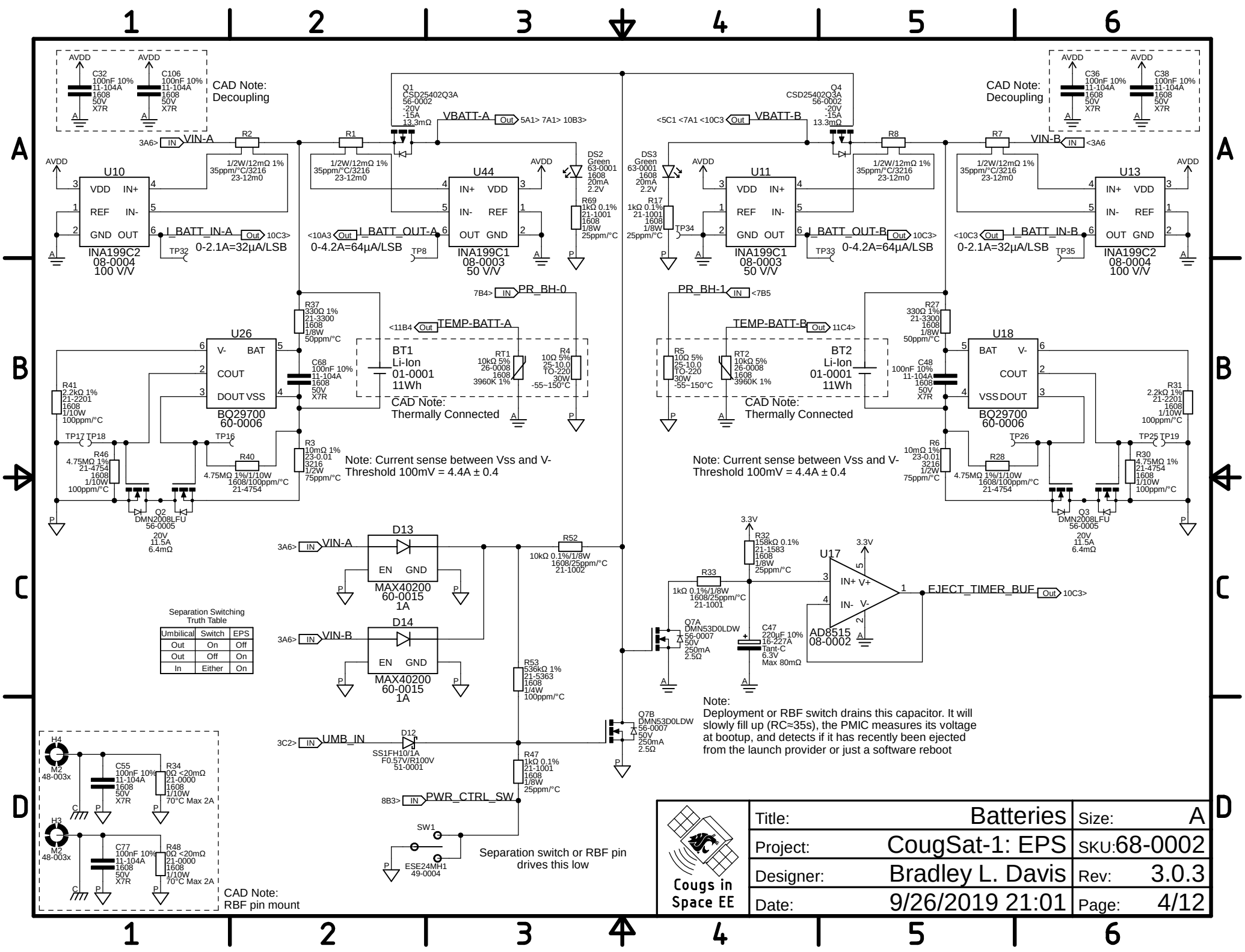


Title:	Block Diagram	Size:	A
Project:	CougSat-1: EPS	SKU:	68-0002
Designer:	Bradley L. Davis	Rev:	3.0.3
Date:	9/26/2019 21:01	Page:	1/12



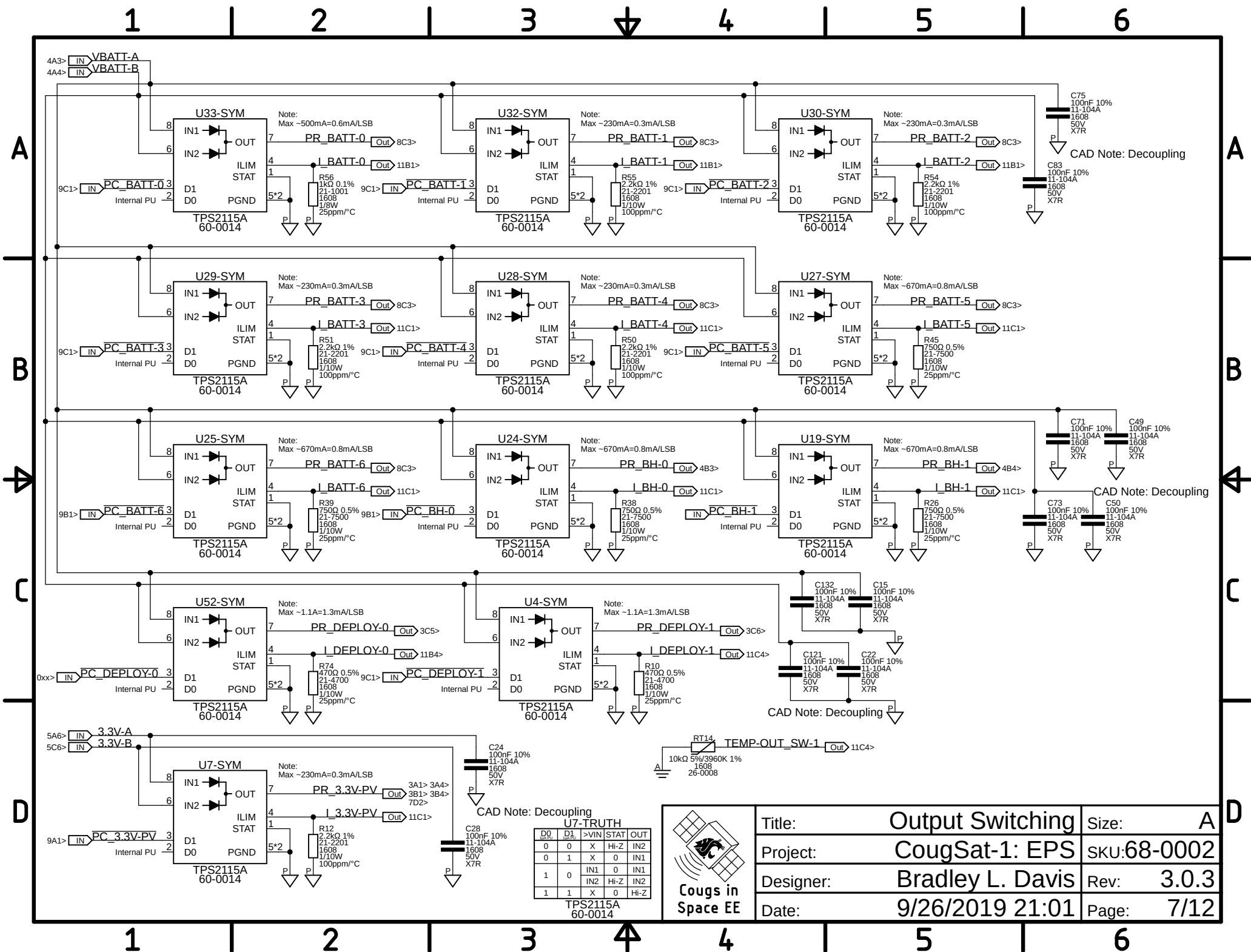


Title:	Input Switching	Size:	A
Project:	CougSat-1: EPS	SKU:	68-0002
Designer:	Bradley L. Davis	Rev:	3.0.3
Date:	9/26/2019 21:01	Page:	3/12



	Title:	Batteries	Size: A
	Project:	CougSat-1: EPS	SKU:68-0002
	Designer:	Bradley L. Davis	Rev: 3.0.3
	Date:	9/26/2019 21:01	Page: 4/12





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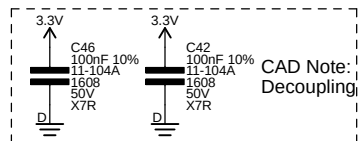
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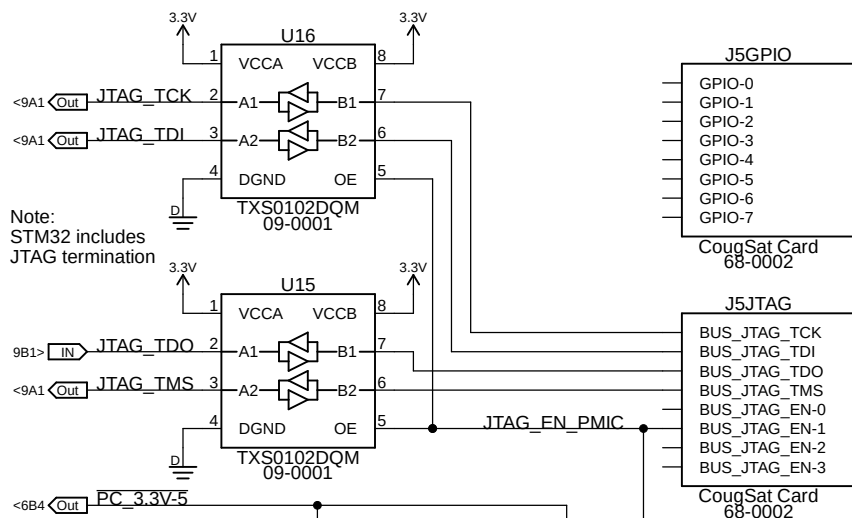
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A

A



B

B

IFJR drives JTAG_EN_PMIC high when programming. These ORing FETs ensure its power rail stays on when programming.

A

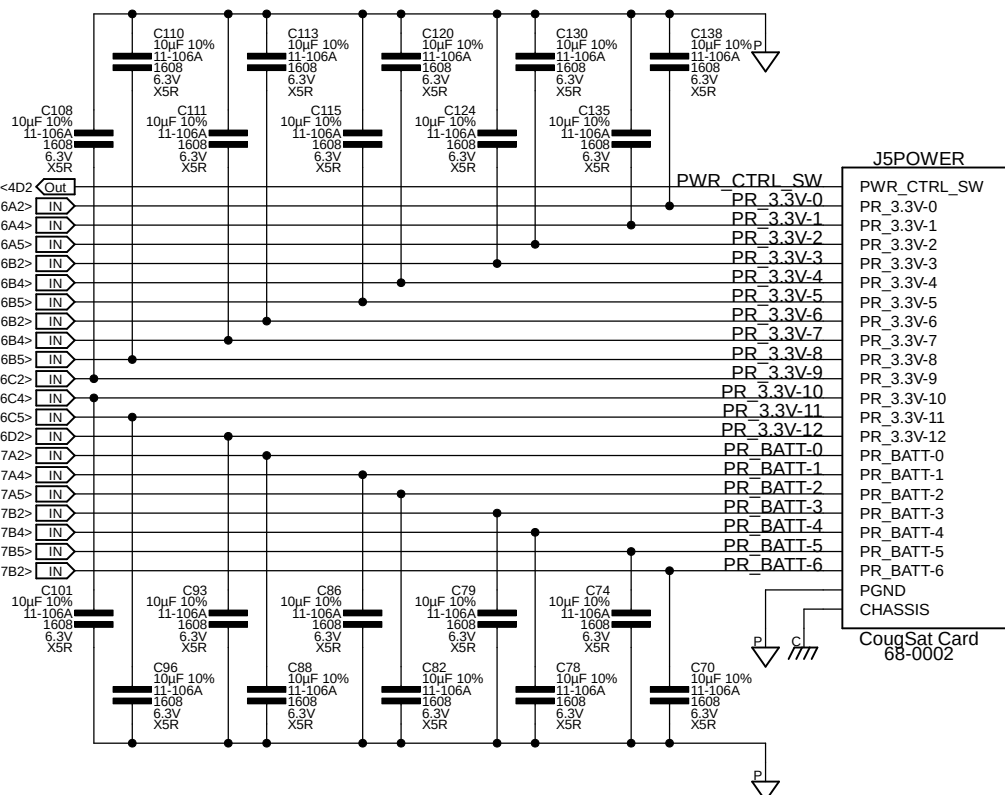
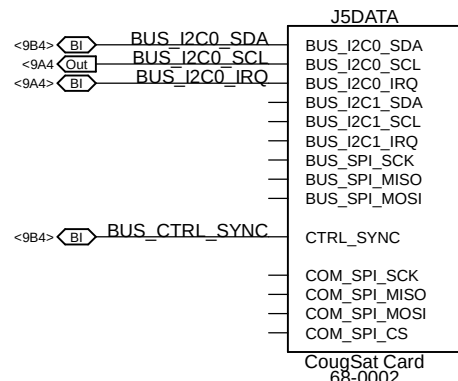
A

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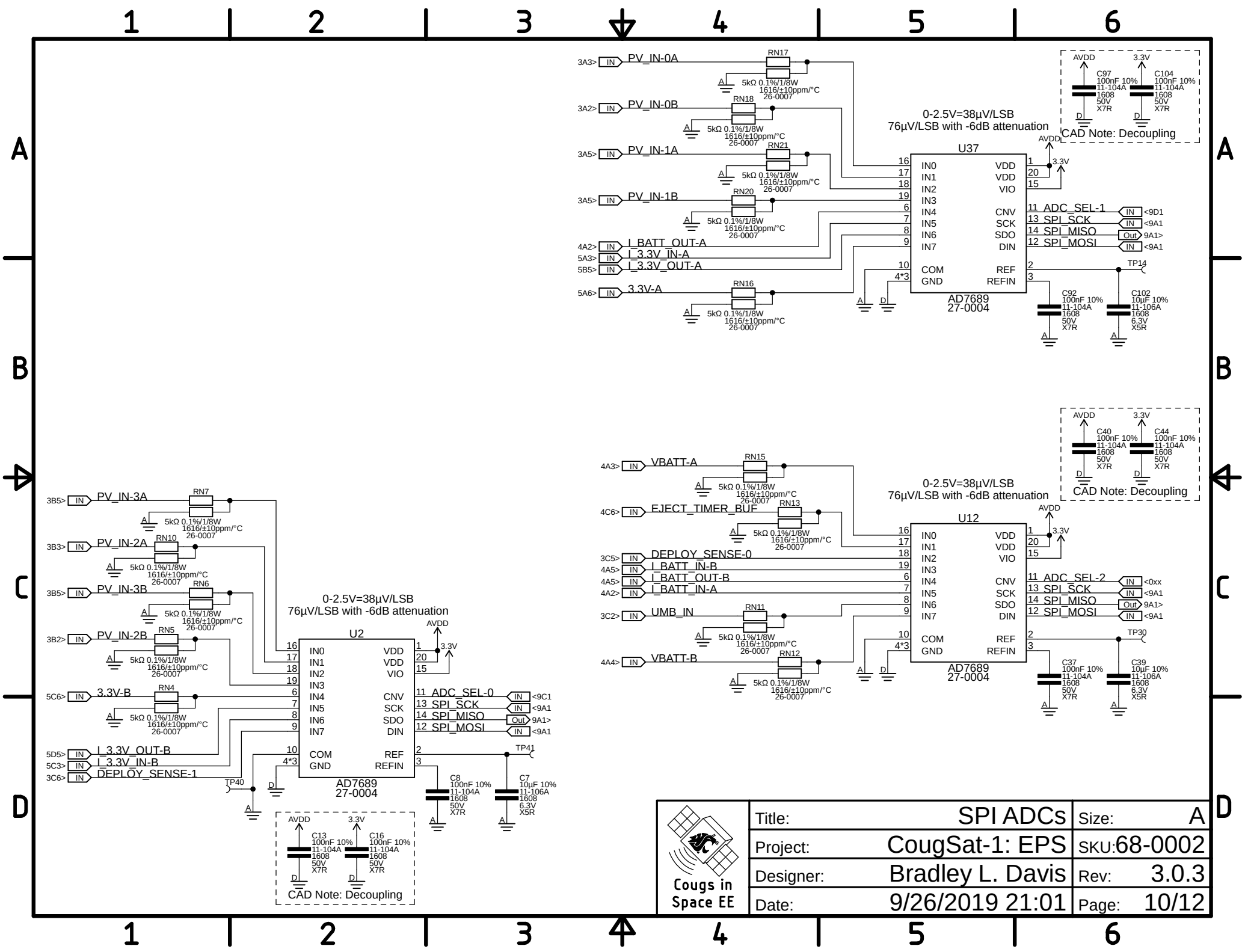
C


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D



Title:	Backplane Connections	Size:	A
Project:	CougSat-1: EPS	SKU:	68-0002
Designer:	Bradley L. Davis	Rev:	3.0.3
Date:	9/26/2019 21:01	Page:	8/12



 Cougs in Space EE	Title:	SPI ADCs	Size:	A
	Project:	CougsSat-1: EPS	SKU:	68-0002
	Designer:	Bradley L. Davis	Rev:	3.0.3
	Date:	9/26/2019 21:01	Page:	10/12

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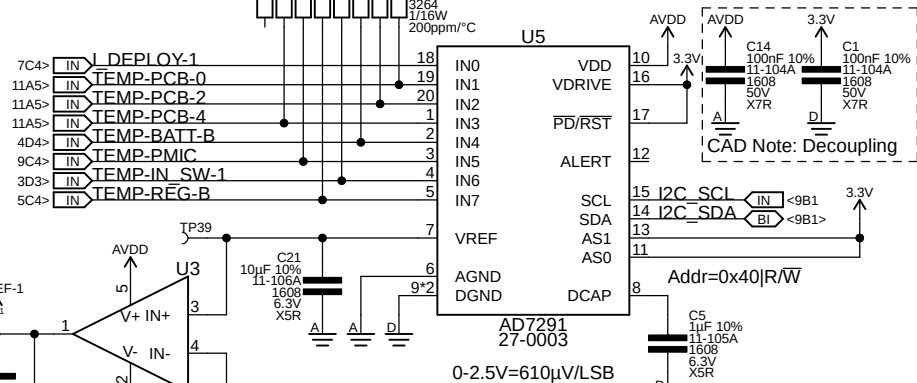
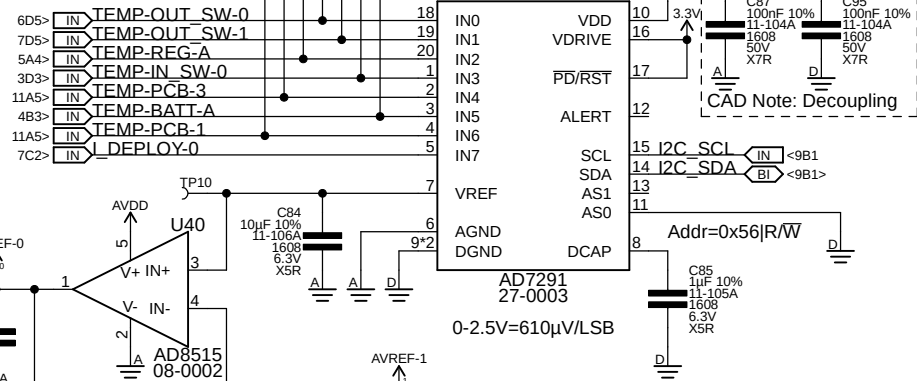
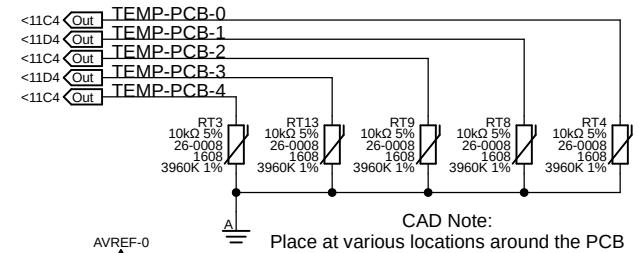
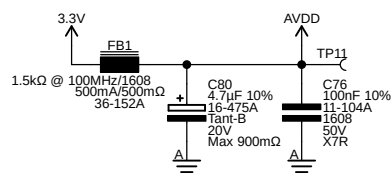
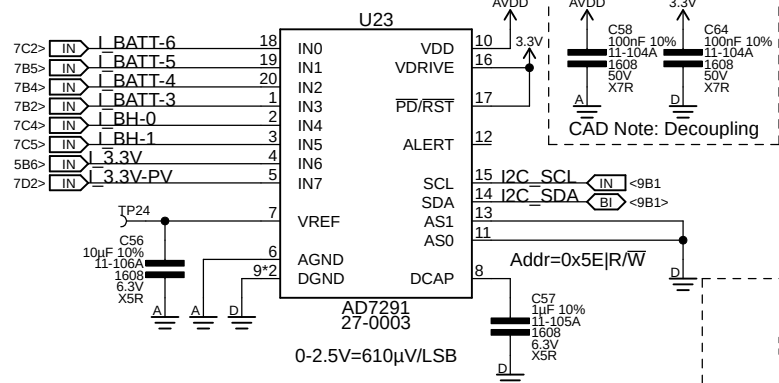
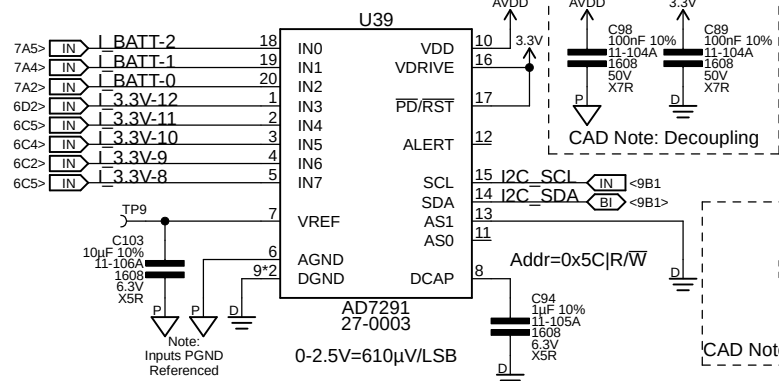
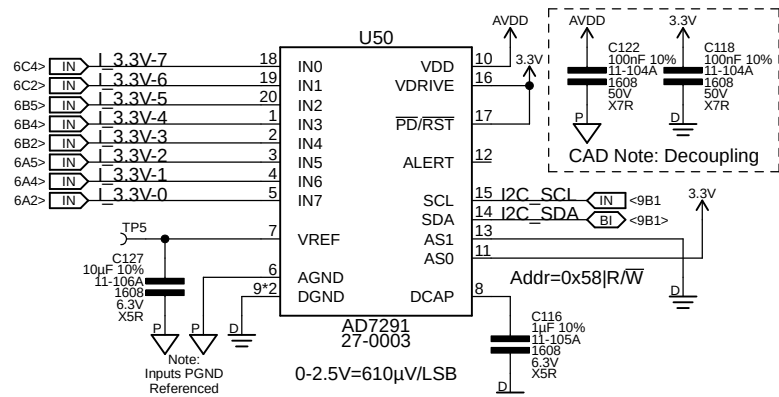
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Title:	I ² C ADCs	Size:	A
Project:	CougsSat-1: EPS	SKU:	68-0002
Designer:	Bradley L. Davis	Rev:	3.0.3
Date:	9/26/2019 21:01	Page:	11/12

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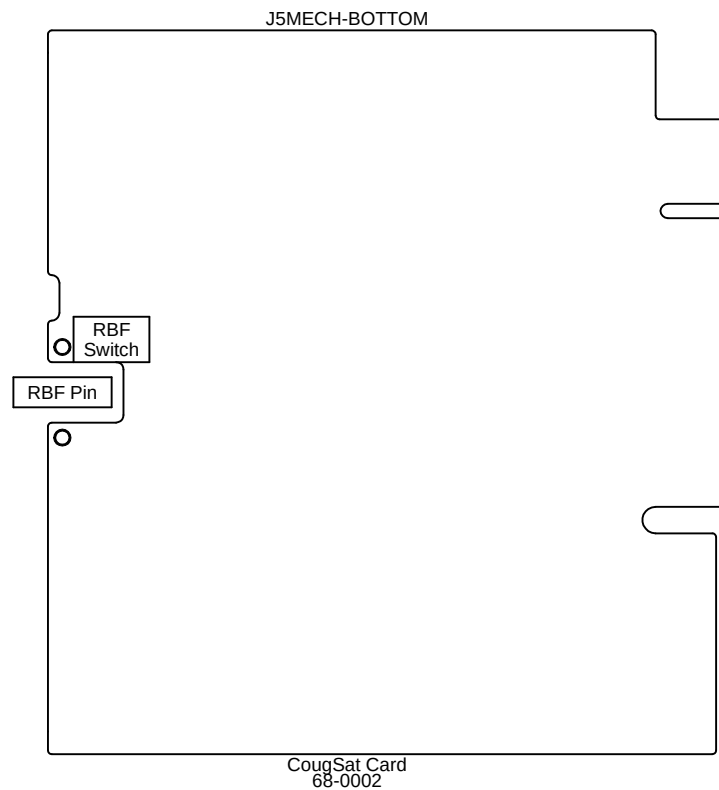
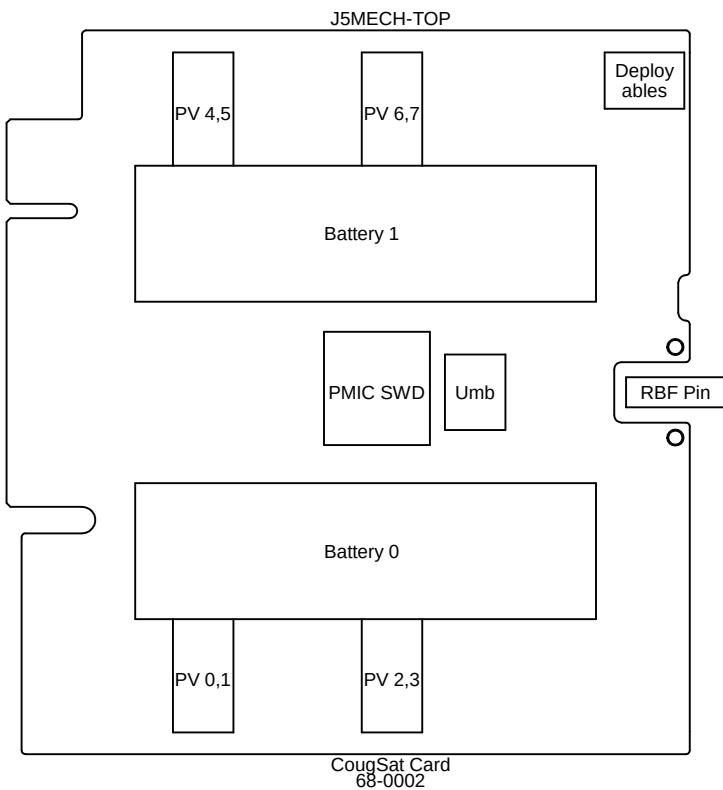
B

C

C

D

D



LOGO2
Satellite 16mm

Cougs in
Space

LOGO1

Signature



Cougs in
Space EE

Title:	Mechanical	Size:	A
Project:	CougSat-1: EPS	SKU:	68-0002
Designer:	Bradley L. Davis	Rev:	3.0.3
Date:	9/26/2019 21:01	Page:	12/12

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