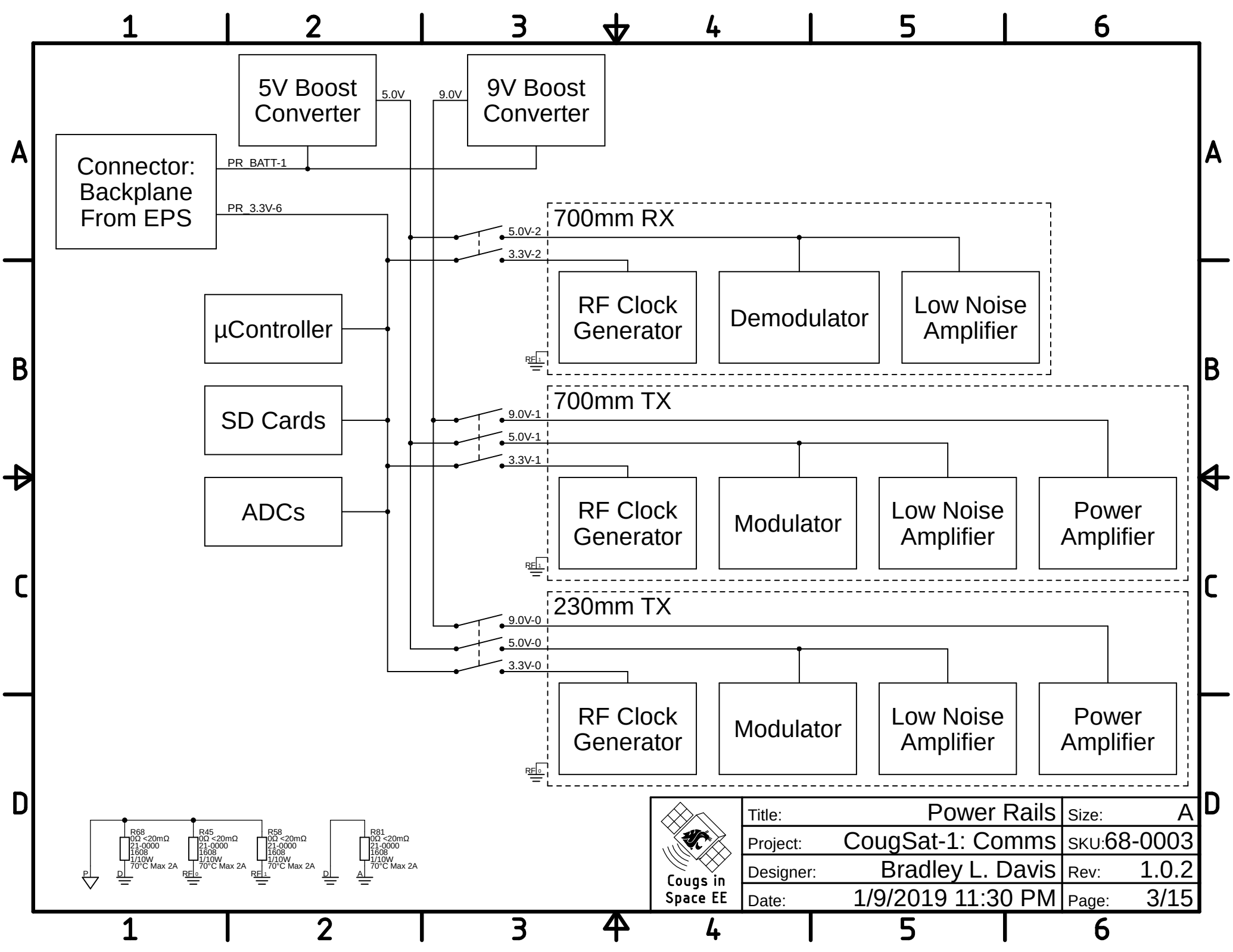
 Cougs in Space EE	Title:	RF Diagram		Size:	A
	Project:	CougSat-1: Comms		SKU:	68-0003
	Designer:	Bradley L. Davis		Rev:	1.0.2
	Date:	1/9/2019 11:30 PM		Page:	2/15



Title:	ADC & SD Cards	Size:	A
Project:	CougSat-1: Comms	SKU:	68-0003
Designer:	Bradley L. Davis	Rev:	1.0.2
Date:	1/9/2019 11:30 PM	Page:	5/15

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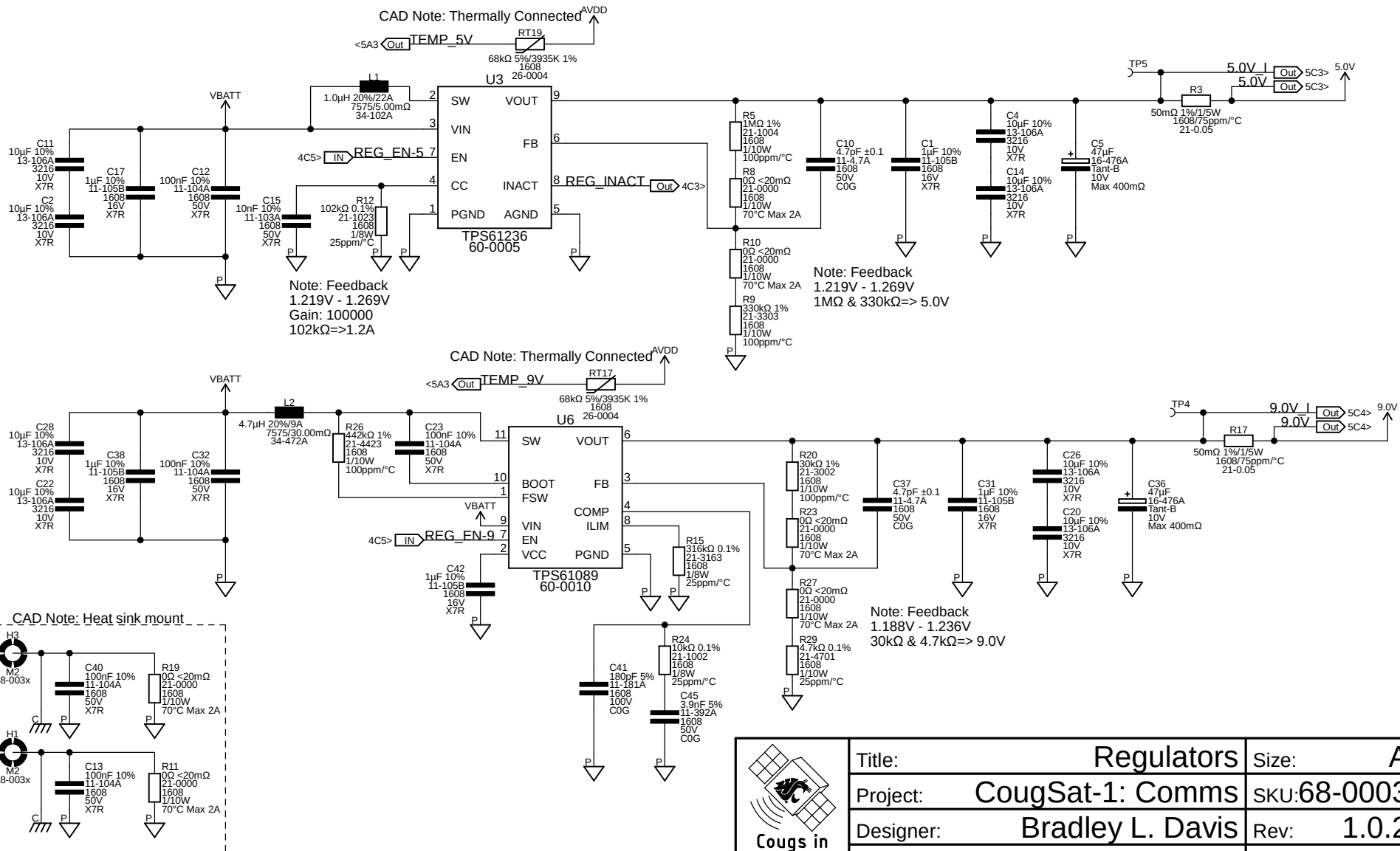
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Title:	Regulators	Size:	A
Project:	CougSat-1: Comms	SKU:	68-0003
Designer:	Bradley L. Davis	Rev:	1.0.2
Date:	1/9/2019 11:30 PM	Page:	6/15

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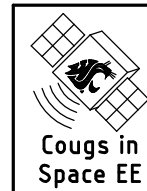
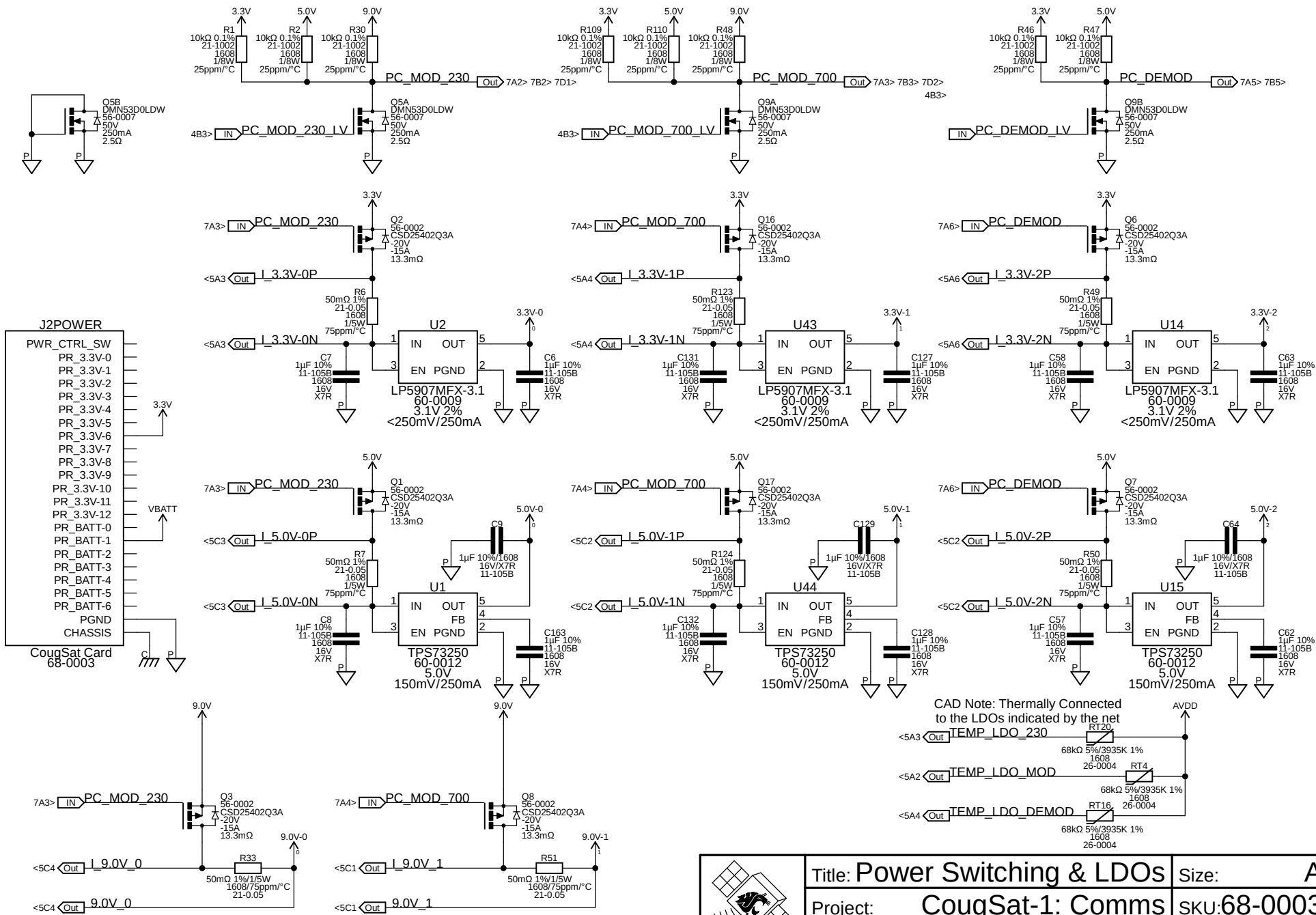
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Title: Power Switching & LDOs	Size: A
Project: CougSat-1: Comms	SKU: 68-0003
Designer: Bradley L. Davis	Rev: 1.0.2
Date: 1/9/2019 11:30 PM	Page: 7/15

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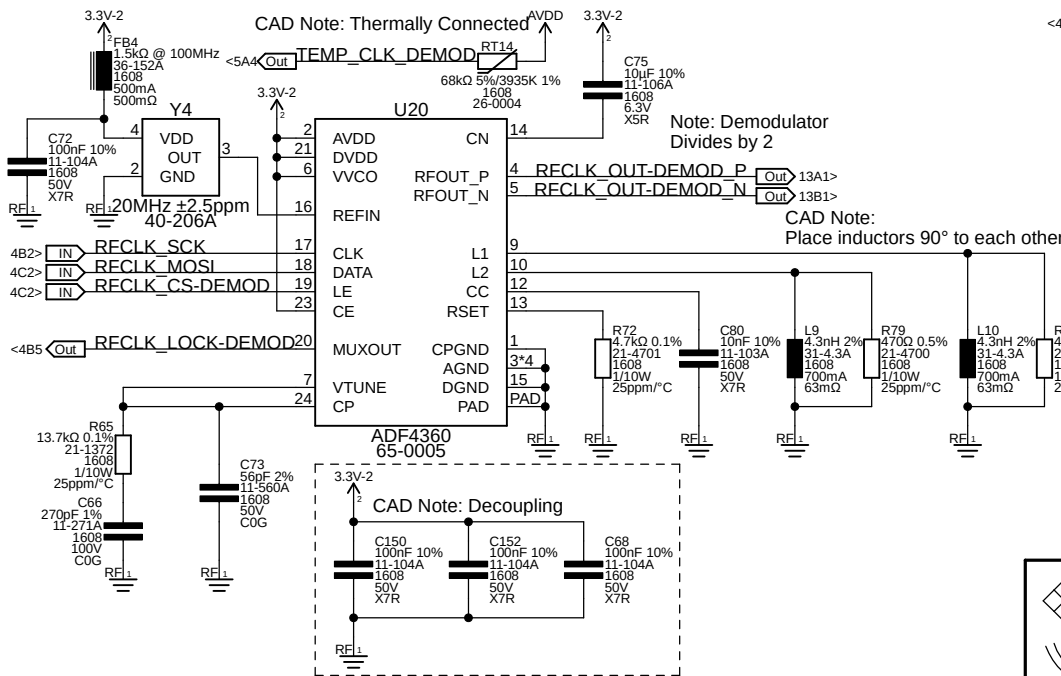
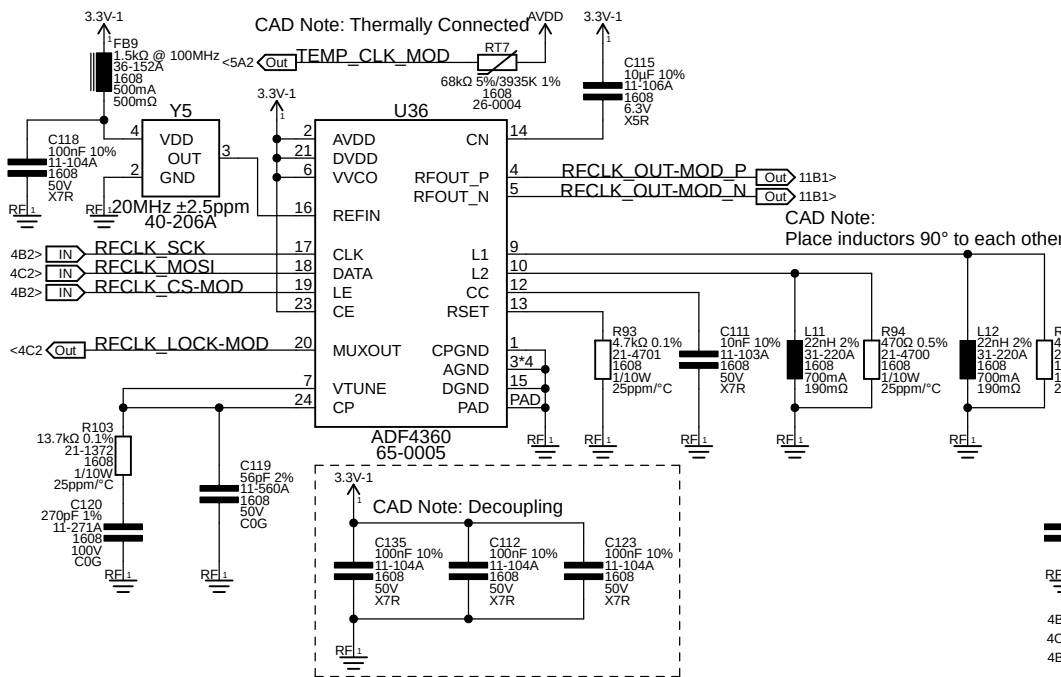
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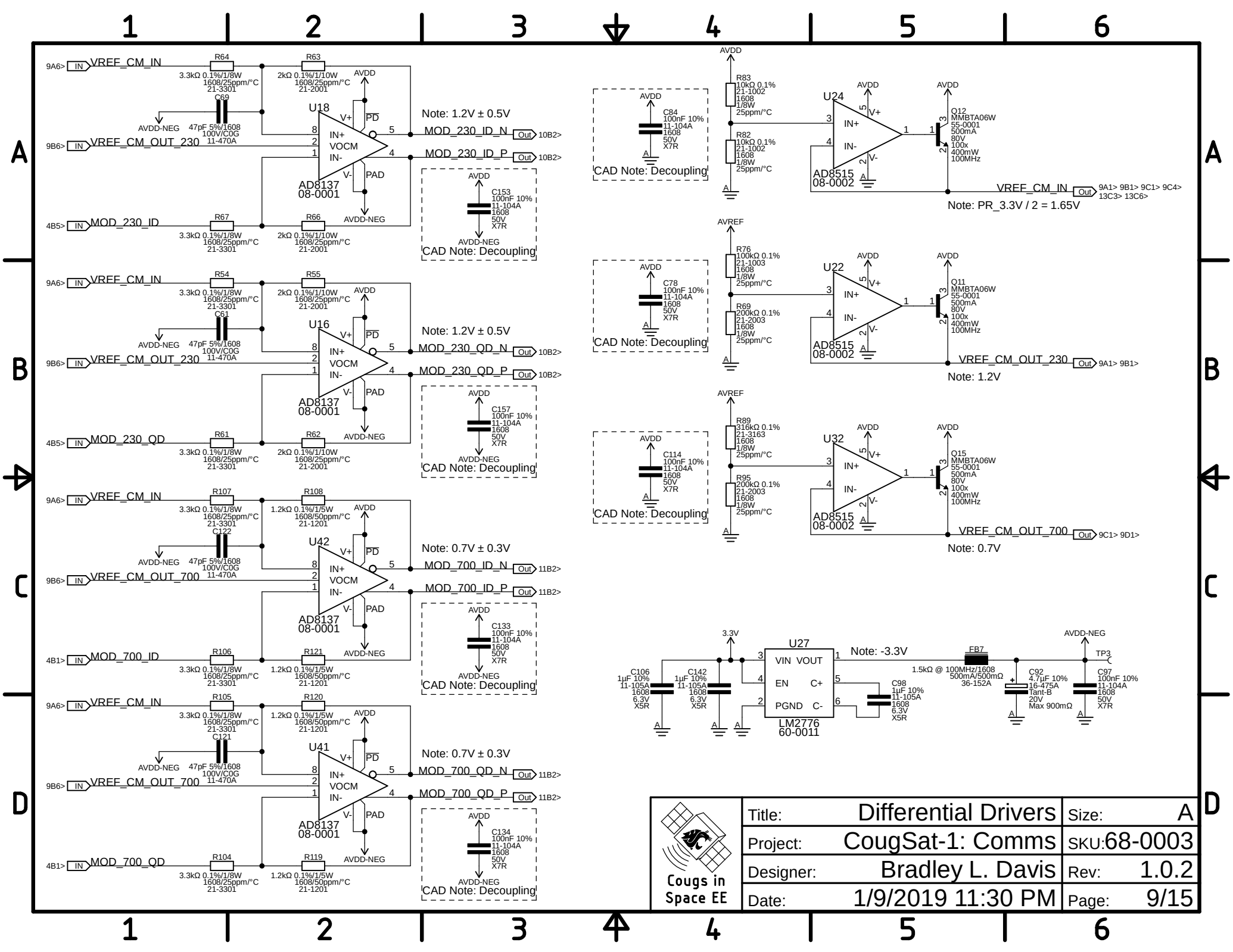
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Title:	RF Clock Generators	Size:	A
Project:	CougsSat-1: Comms	SKU:	68-0003
Designer:	Bradley L. Davis	Rev:	1.0.2
Date:	1/9/2019 11:30 PM	Page:	8/15



 Cougs in Space EE	Title: Differential Drivers	Size: A
	Project: CougSat-1: Comms	SKU:68-0003
	Designer: Bradley L. Davis	Rev: 1.0.2
	Date: 1/9/2019 11:30 PM	Page: 9/15

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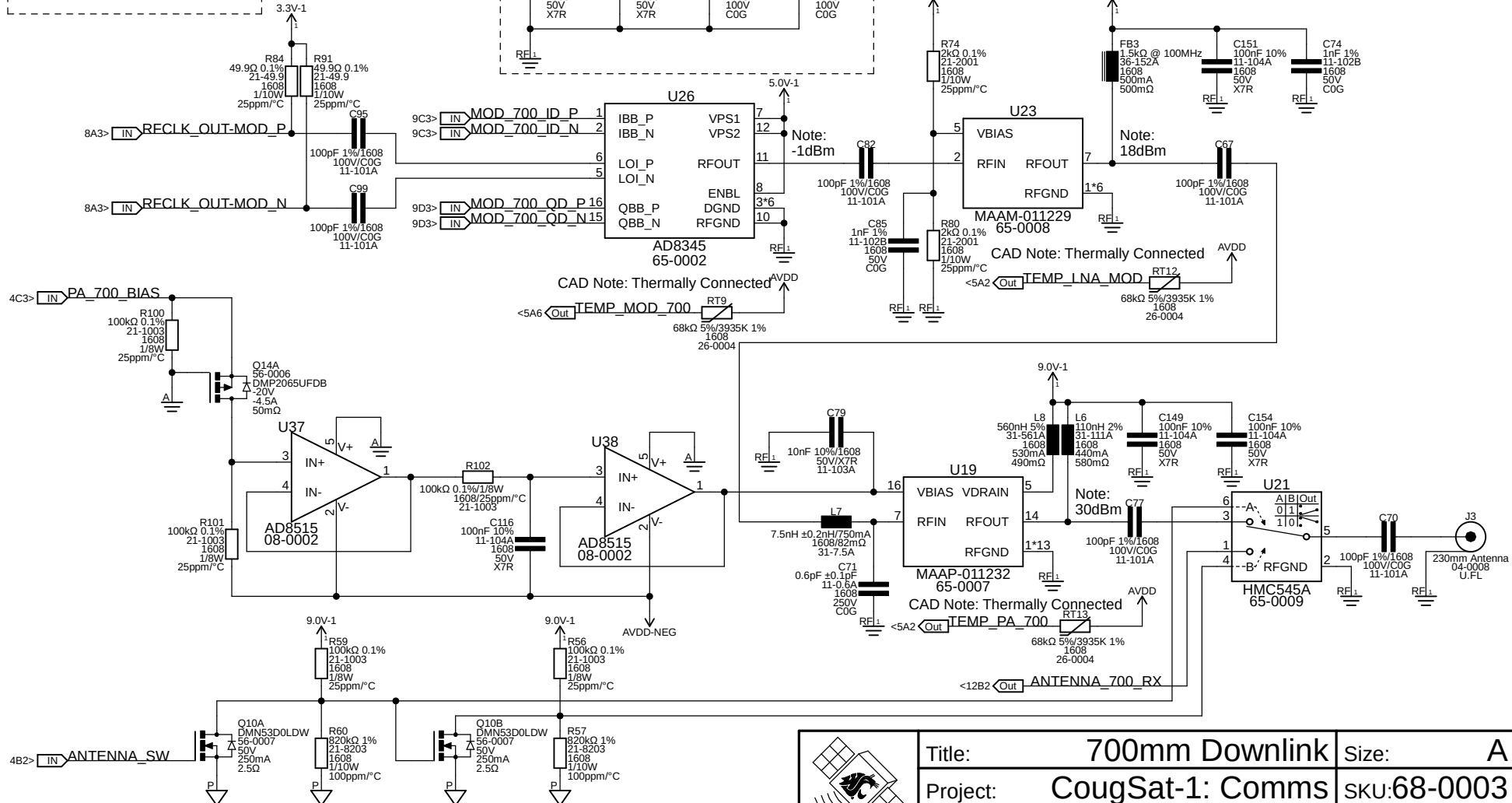
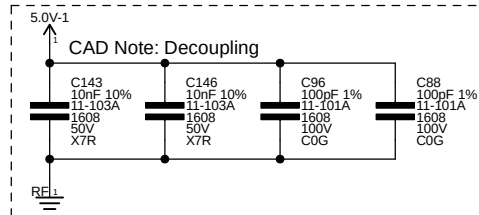
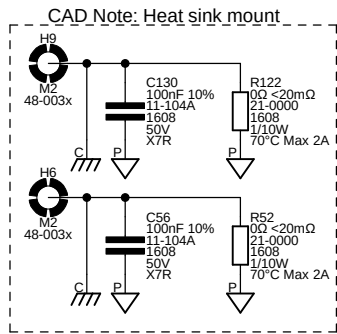
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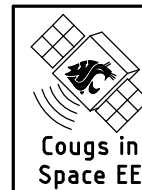
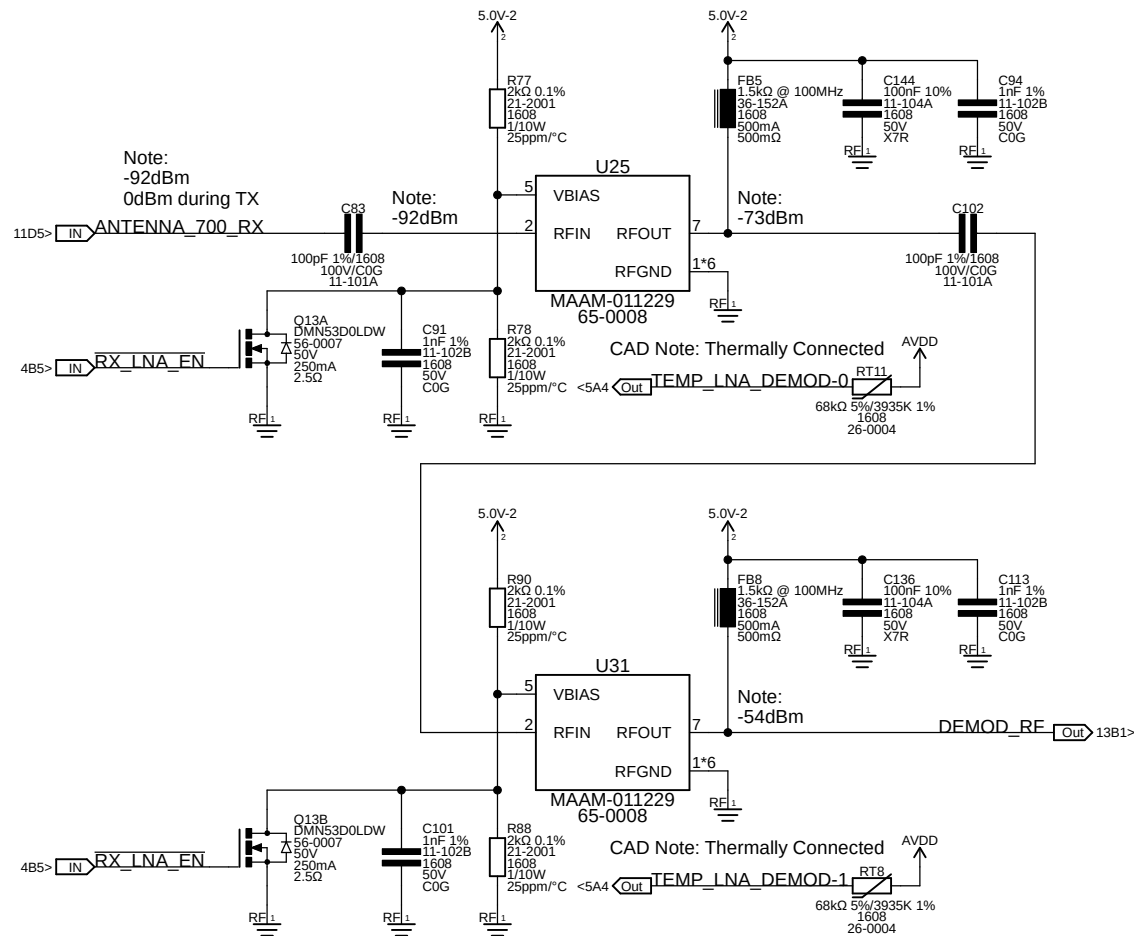
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Title: 700mm Uplink Amplifiers	Size: A
Project: CougSat-1: Comms	SKU:68-0003
Designer: Bradley L. Davis	Rev: 1.0.2
Date: 1/9/2019 11:30 PM	Page: 12/15

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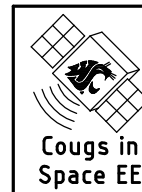
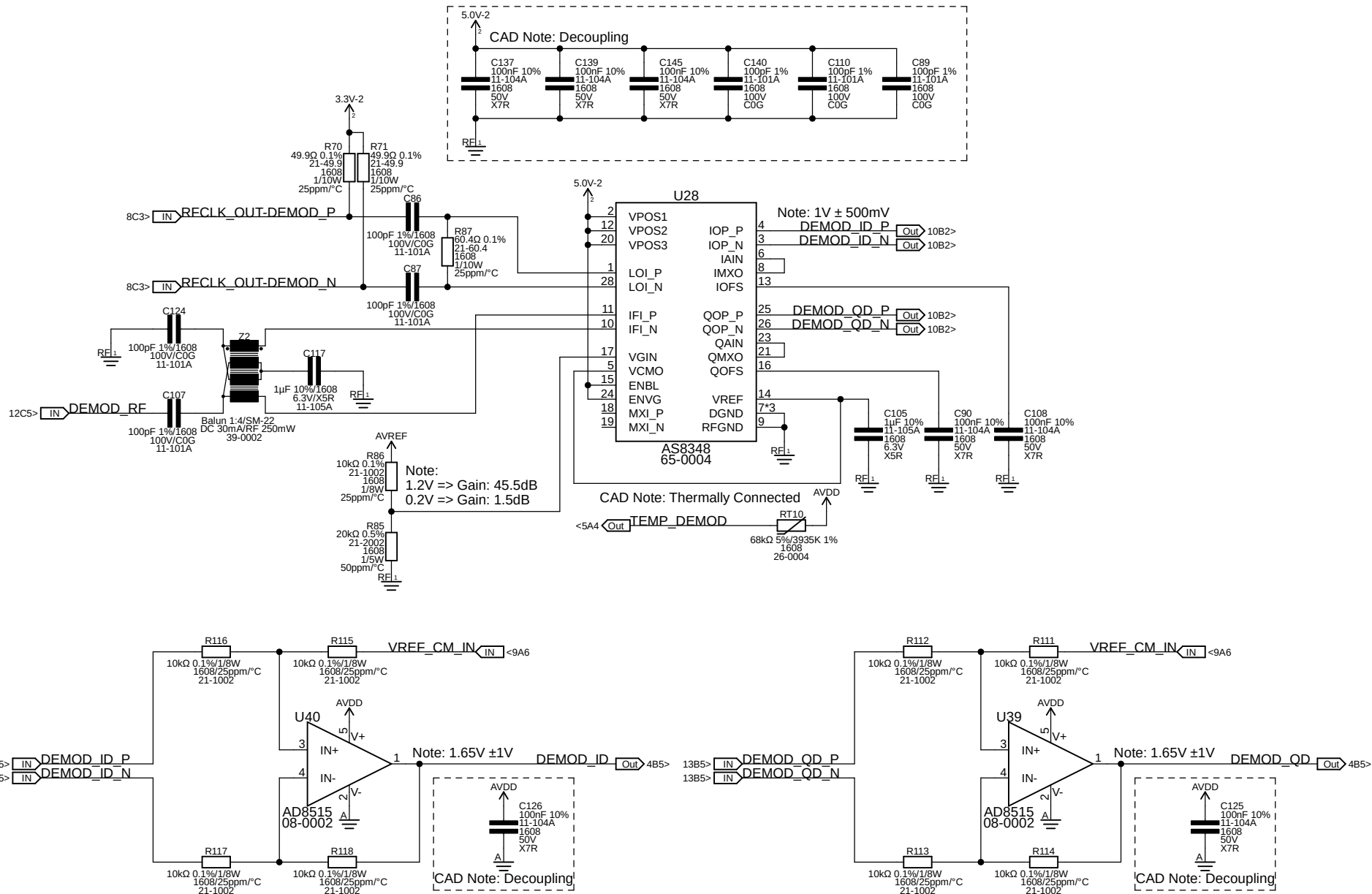
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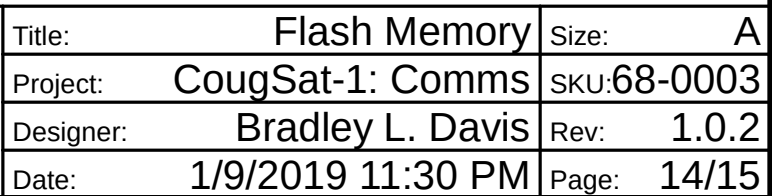
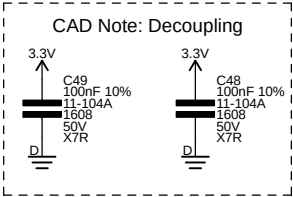
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Title:	Demodulator	Size:	A
Project:	CougSat-1: Comms	SKU:	68-0003
Designer:	Bradley L. Davis	Rev:	1.0.2
Date:	1/9/2019 11:30 PM	Page:	13/15



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J2MECH-TOP

J2MECH-BOTTOM

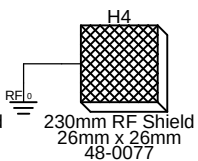
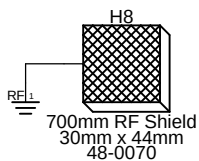
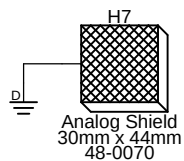
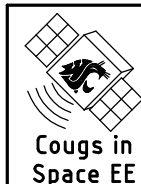
230mm
RF Circuits

230mm Coax

 μ Controller
Analog Circuits

700mm RF Circuits

SWD

CougSat Card
68-0003CougSat Card
68-0003LOGO1
Speed LimitLOGO3
Signature
LOGO2
Satellite 16mm
**Cougs in
Space**

Title:	Mechanical	Size:	A
Project:	CougSat-1: Comms	SKU:	68-0003
Designer:	Bradley L. Davis	Rev:	1.0.2
Date:	1/9/2019 11:30 PM	Page:	15/15