

1

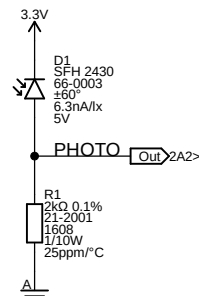
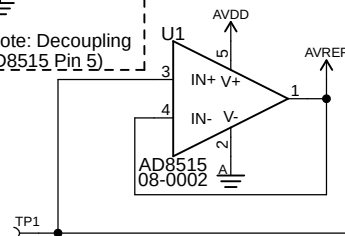
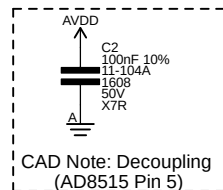
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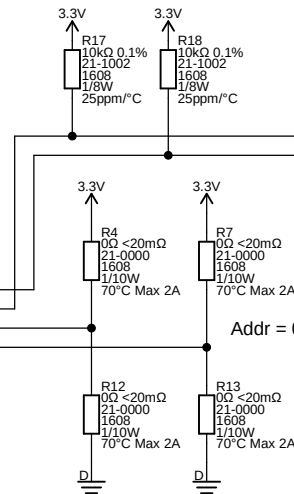
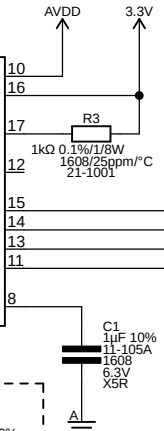
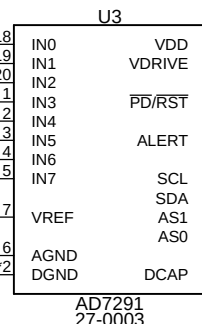
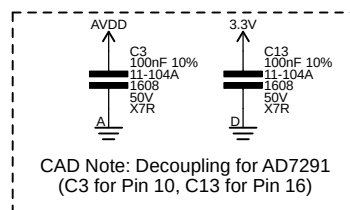
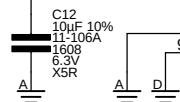
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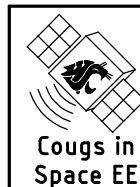
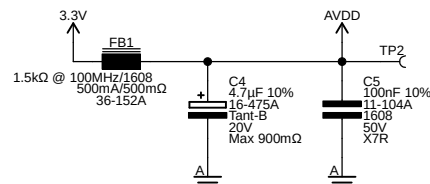
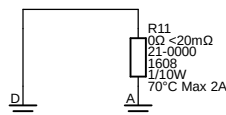
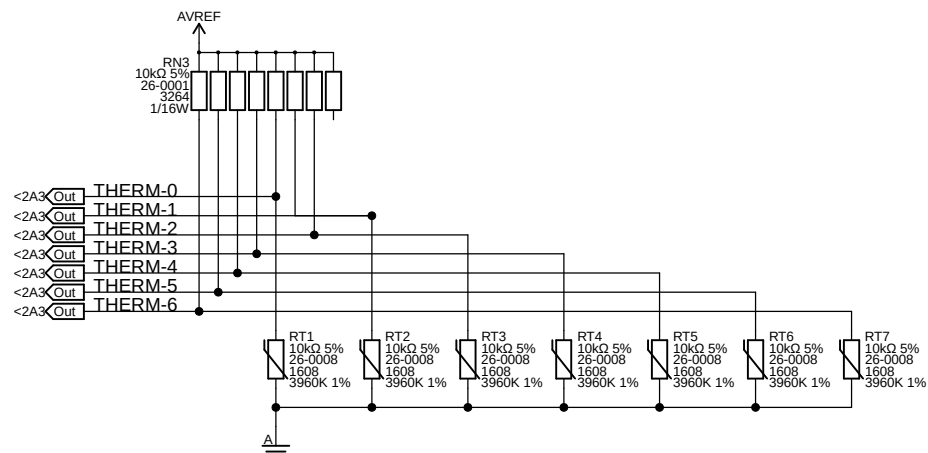
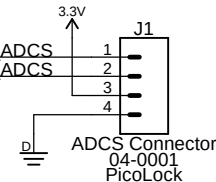
6



CAD Note:
Place facing outwards
in the center of the board



Addr = 0x40[R/W]



Title:	Photodiode & ADC	Size:	A
Project:	CougSat-1: +X Panel	SKU:	68-0006
Designer:	Reid Collins	Rev:	1.0.2
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3

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3

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6

A

A

B

B

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C

C

D

D

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2

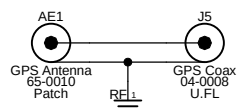
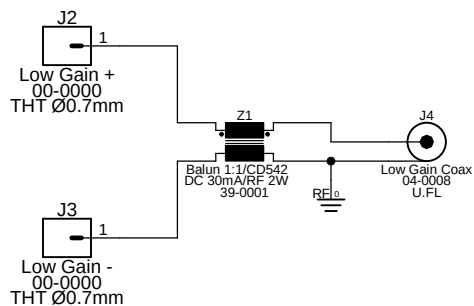
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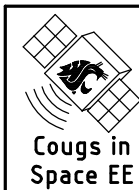
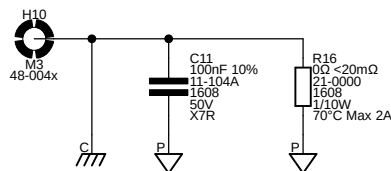
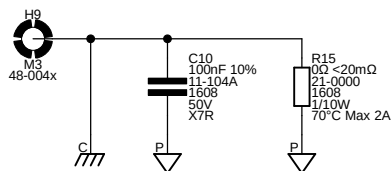
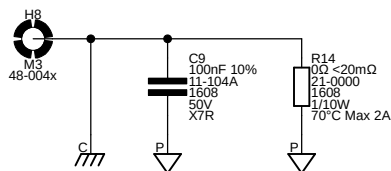
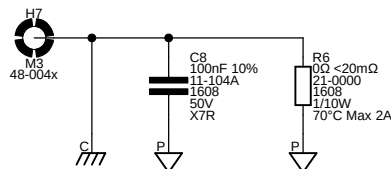
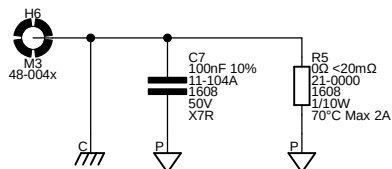
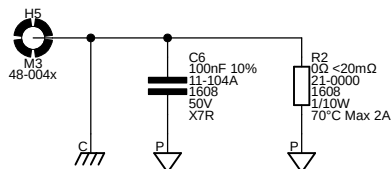
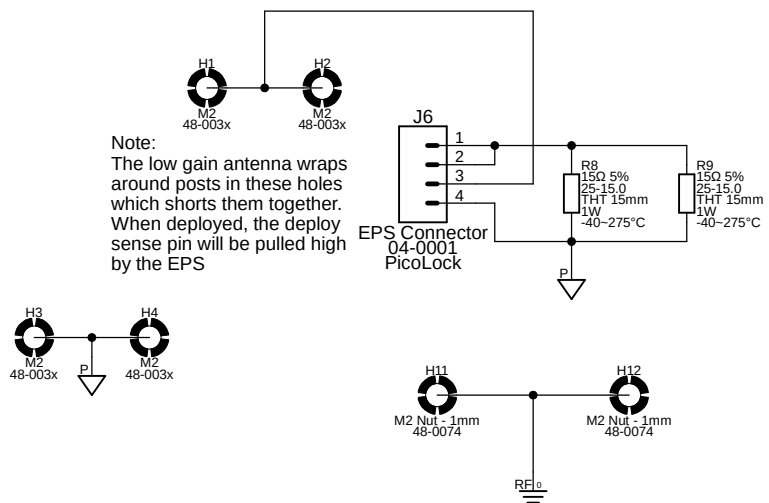
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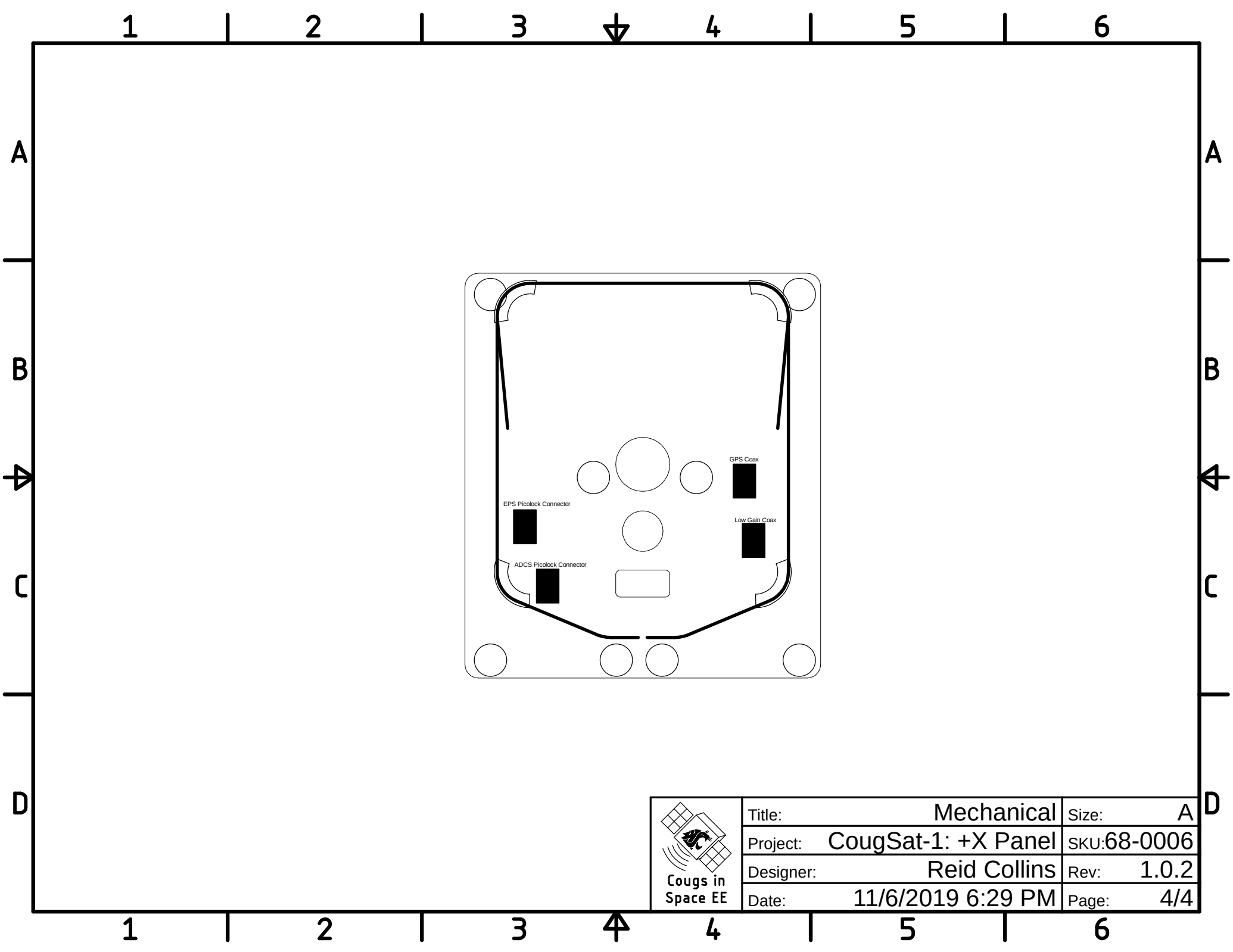
6




Note:
The low gain antenna wraps around posts in these holes which shorts them together. When deployed, the deploy sense pin will be pulled high by the EPS



Title:	Antennae	Size:	A
Project:	CougSat-1: +X Panel	SKU:	68-0006
Designer:	Reid Collins	Rev:	1.0.2
Date:	11/6/2019 6:29 PM	Page:	3/4



 Cougs in Space EE	Title: Mechanical	Size: A
	Project: CougSat-1: +X Panel	SKU:68-0006
	Designer: Reid Collins	Rev: 1.0.2
	Date: 11/6/2019 6:29 PM	Page: 4/4