

1

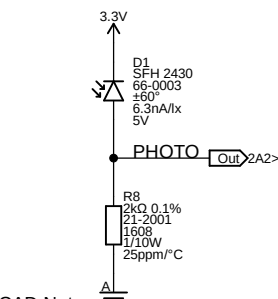
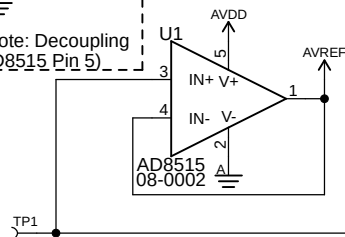
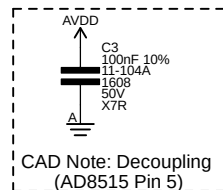
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3

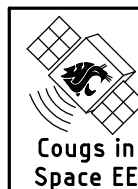
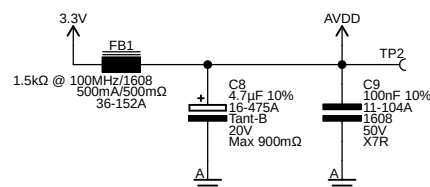
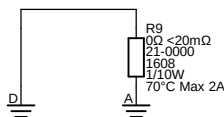
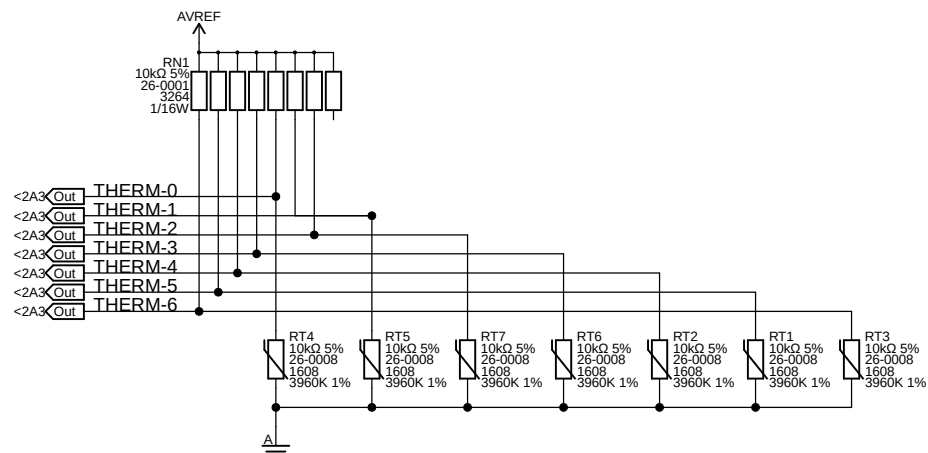
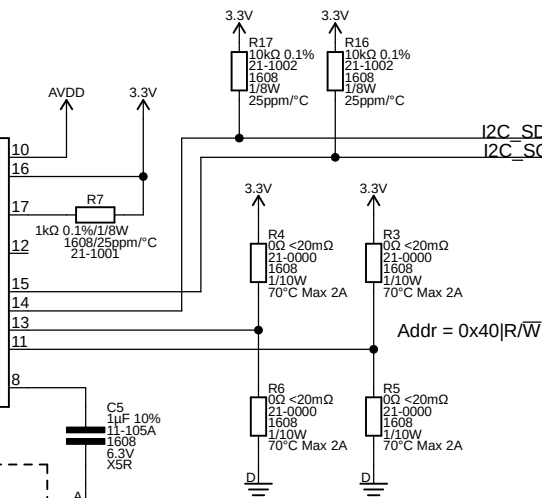
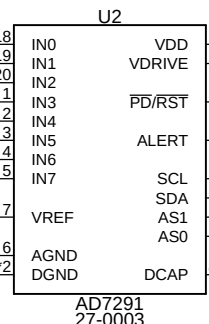
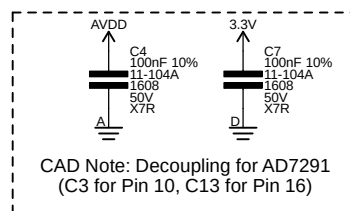
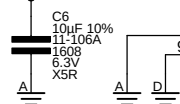
4

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6



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



Title:	Photodiode & ADC	Size:	A
Project:	CougSat-1: +X Panel	SKU:	68-0006
Designer:	Reid Collins	Rev:	1.0.2
Date:	11/6/2019 21:58	Page:	2/4

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A

A

B

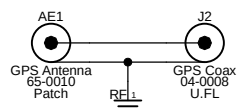
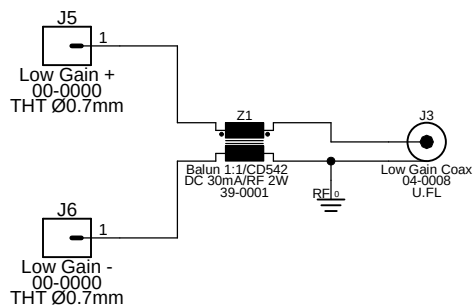
B

C

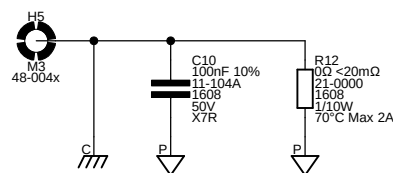
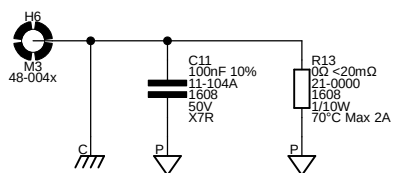
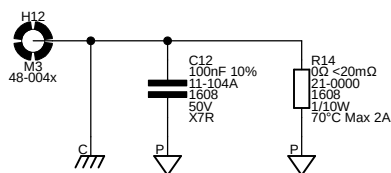
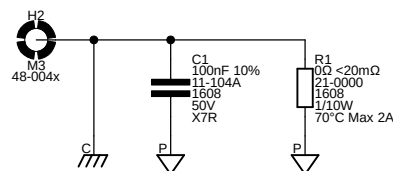
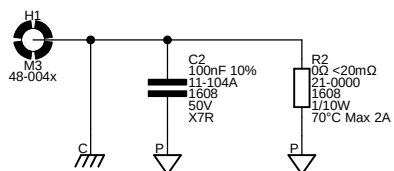
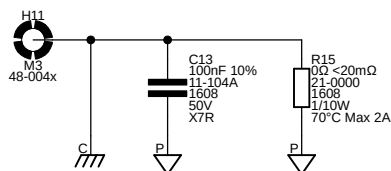
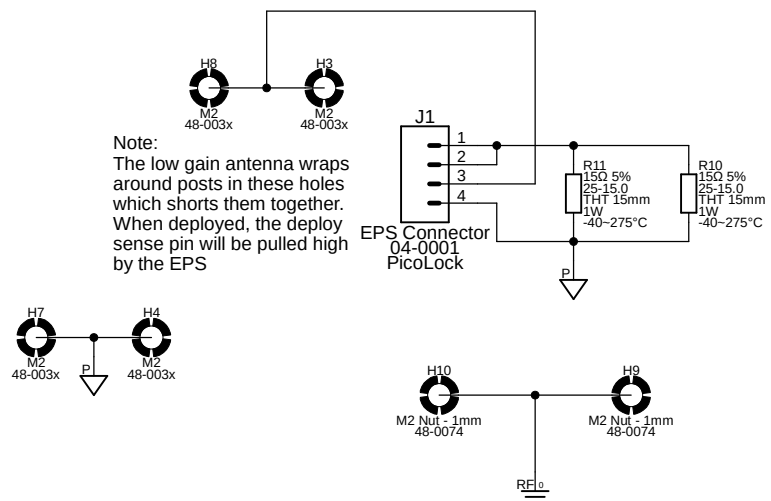
C

D

D



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
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1

2

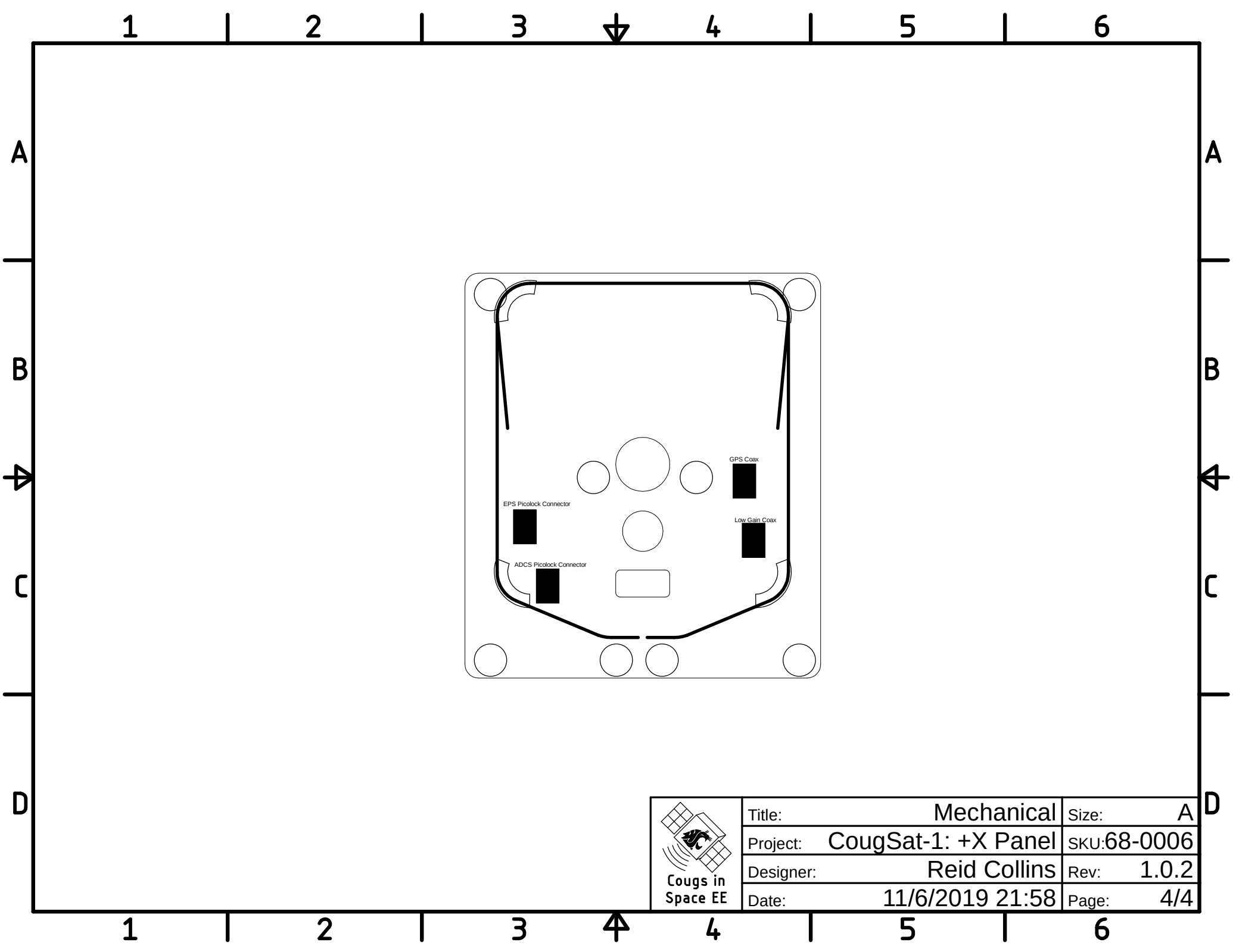
3

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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 21:58	Page:	4/4