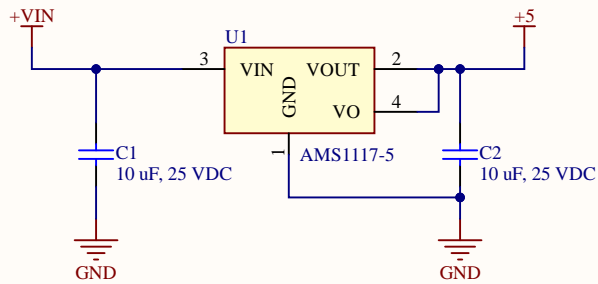
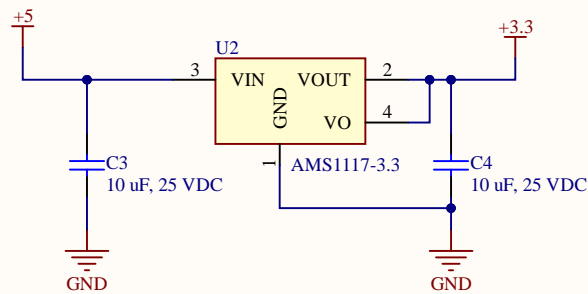
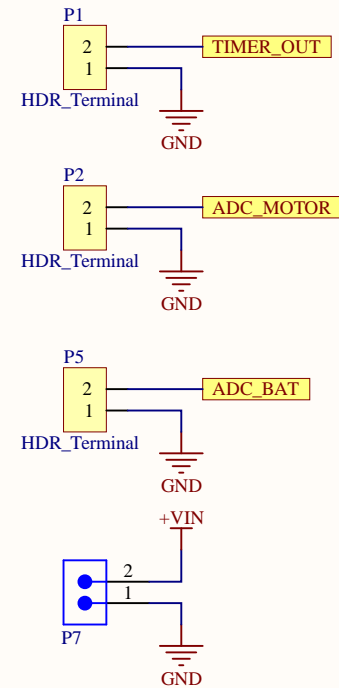
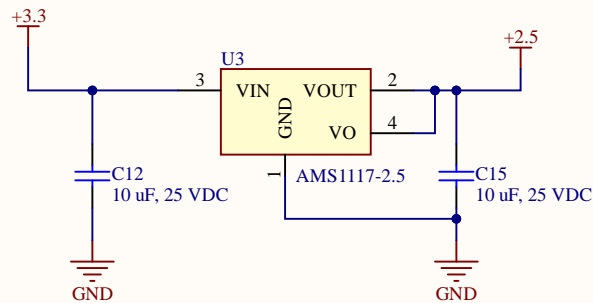
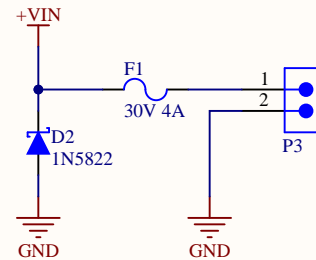
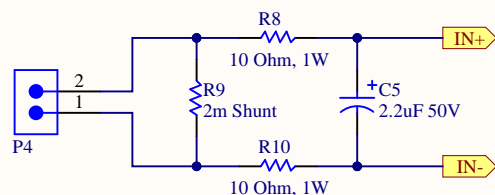
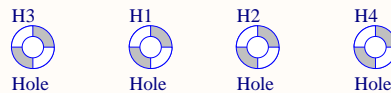
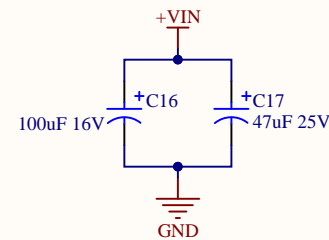
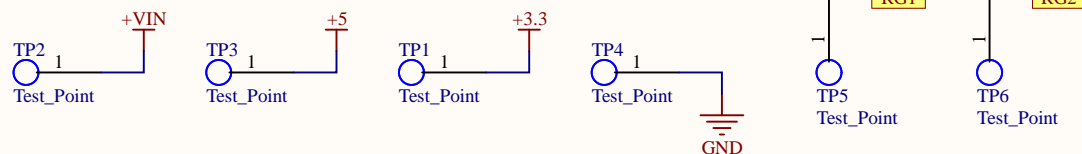


Future Automotive Solution Testing - F.A.S.T Lab			
Title: AutonomousVehicle_CurrentMeasure		Variant: [No Variations]	
Page Contents: CurrentMeasure_Diagram.SchDoc		Checked by	
Size:	DWG NO		Revision:
Date: 8/2/2024	Designed by BitterSweet		Sheet 1 of 5

1	2	3	4
A			A
B			B
C			C
D			D
1	2	3	4

Future Automotive Solution Testing - F.A.S.T Lab			
Title:	AutonomousVehicle_CurrentMeasure	Variant:	[No Variations]
Page Contents:	CurrentMeasure_FileInfo.SchDoc	Checked by	
Size:	DWG NO	Revision:	
Date:	8/2/2024	Designed by BitterSweet	Sheet 2 of 5

**Linear Drop Out 5V****Linear Drop Out 3.3V****Output****Linear Drop Out 3.3V****Power Supply****Current Input****Support Board****Filter****Test Point**

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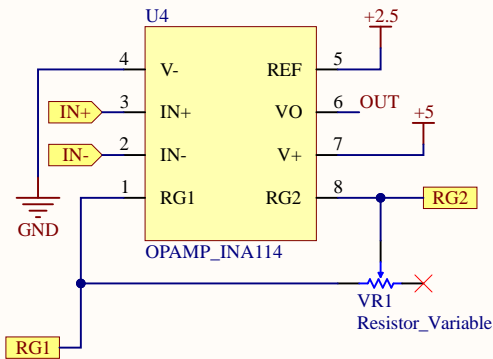
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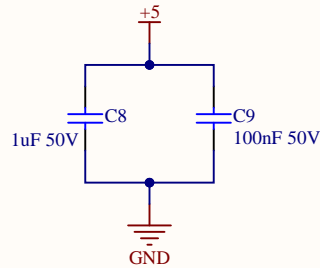
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Date: 8/2/2024 Designed by BitterSweet Sheet 3 of 5

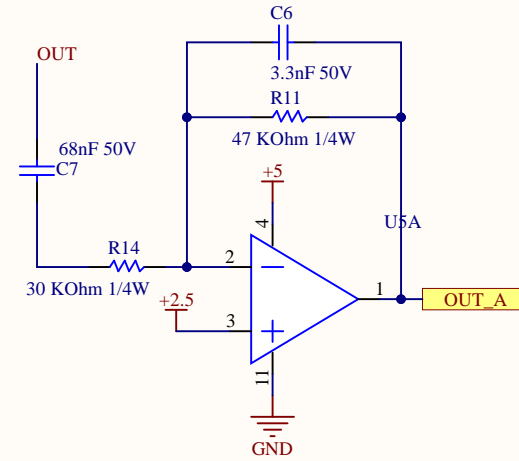
### Current Sense



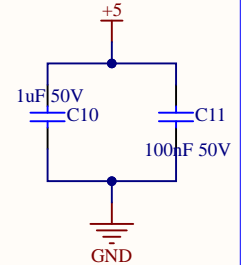
### Filter



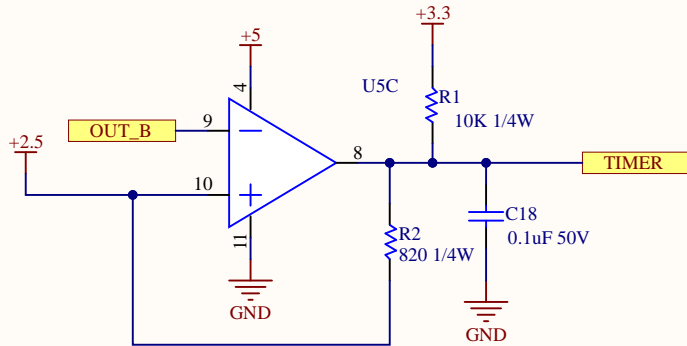
### Band-Pass Filter Stage



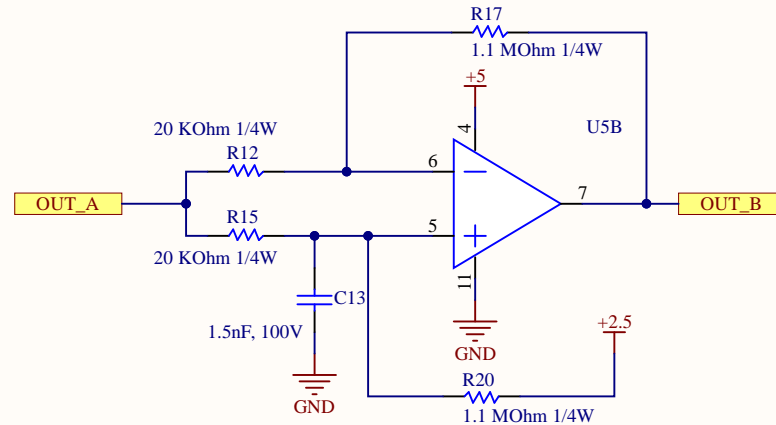
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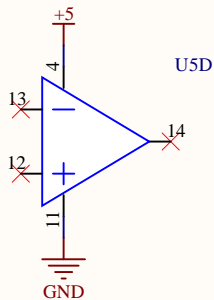
### Comparator Stage



### Differential Amplifier Stage



Nothing



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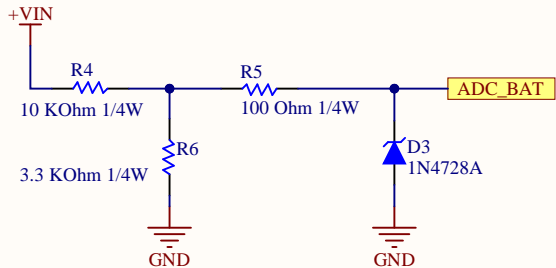
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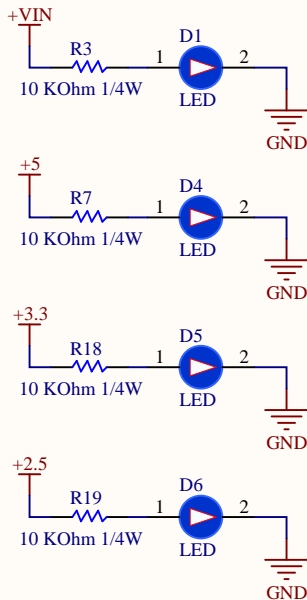
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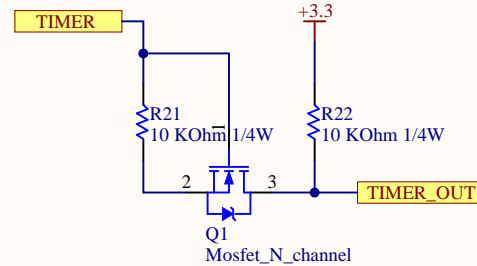
### Battery Voltage Measure



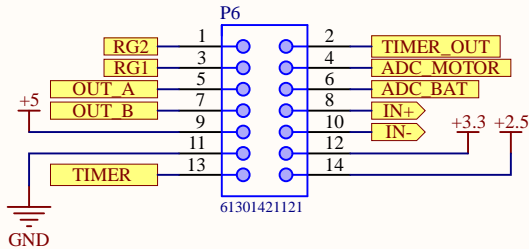
### LED



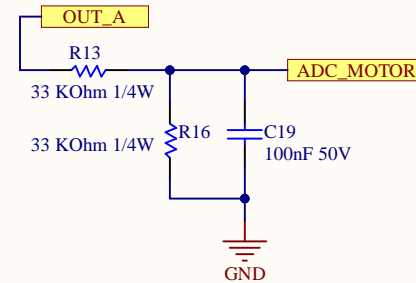
### Protect



### Output Test



### ADC Motor



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Title: AutonomousVehicle\_CurrentMeasure Variant: [No Variations]

Page Contents: CurrentMeasure\_ADCVoltage.SchDoc Checked by

Size: DWG NO Revision:

Date: 8/2/2024 Designed by BitterSweet Sheet 5 of 5