

# Sattware

Variant: [No Variations]

08/03/2022  
1.0.00

RELEASED DD-MMM-YYYY

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!!!CAUTION!!!

FUSE HOLDER  
The fuse holder was placed on the line of the positive wire from battery

BOOTING:  
In order to boot the ESP32, shortcut the jumper resistors JS1 and JS2

CABLE SIZE  
Use 10AWG size cable between Battery and Power Switch

DESIGN NOTE:  
Example text for critical design notes.

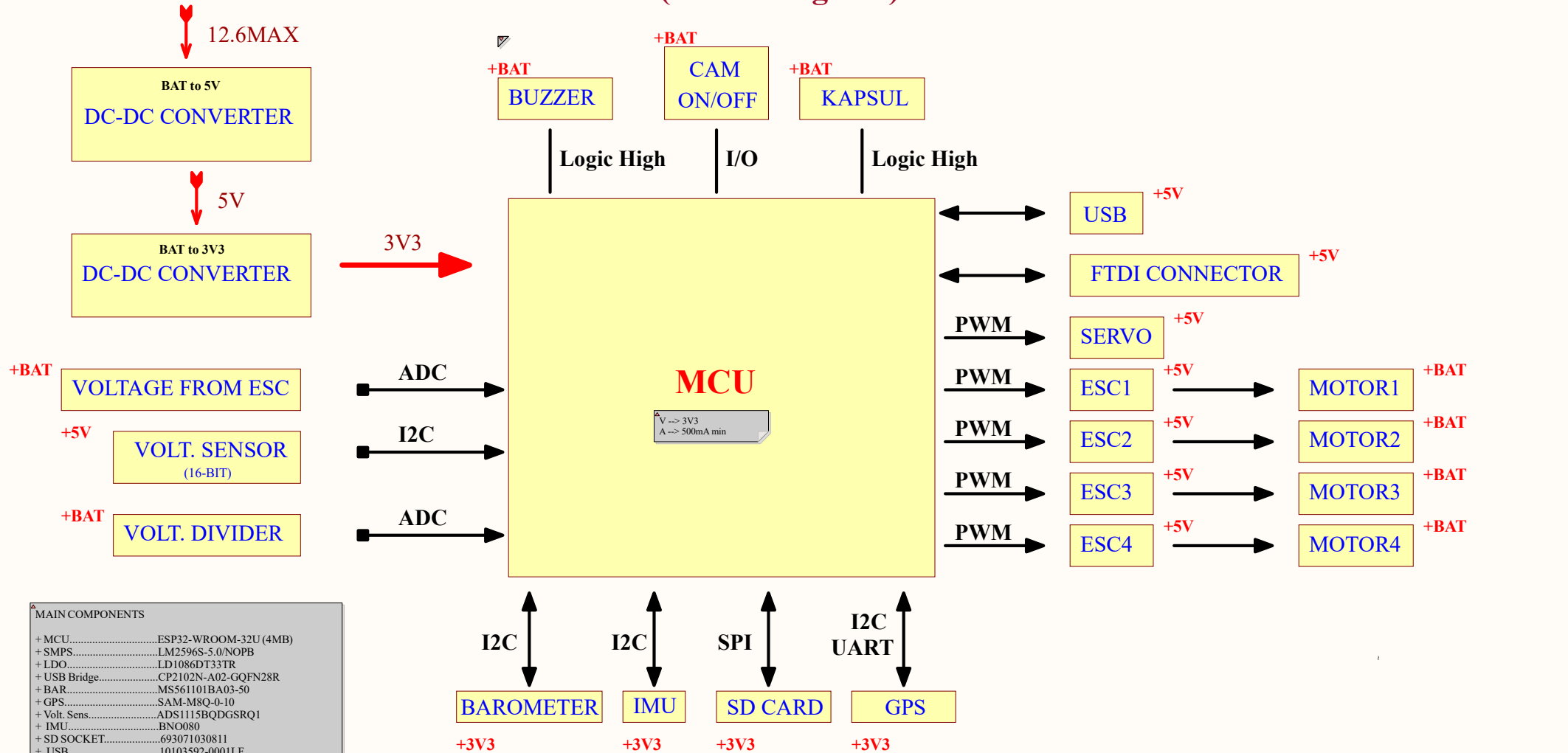
IMU SOLDERING!!!!  
Consult document before soldering  
[https://www.bosch-sensortec.com/media/boschsensortec/downloads/handling\\_soldering\\_mounting\\_instructions/bst-bno05](https://www.bosch-sensortec.com/media/boschsensortec/downloads/handling_soldering_mounting_instructions/bst-bno05)

LAYOUT NOTE:  
Example text for critical layout guidelines.

Company: HurSAT Satellite  
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Designed By: Enes Mercan	
Title: Sattware	Variant: [No Variations]
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Date: 08/03/2022	Revision: 1.0.00
ApprovedBy: *	Sheet: 1 of 8

# Satellite Hardware (Block Diagram)



Designed By:	Enes Mercan	
Title:	Satellite Hardware	Variant: [No Variations]
Page Name:	Block Diagram.SchDoc	Page Size: A3
Date:	08/03/2022	Revision: 1.0.00
Approved By:	*	Sheet: 2 of 8

Company: HurSAT Satellite  
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## A



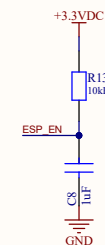
## A



## c



## D



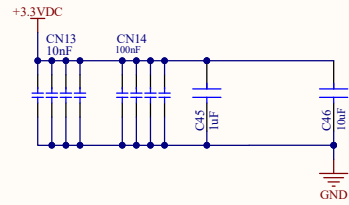
Company: HurSAT Setellite  
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[illegible]

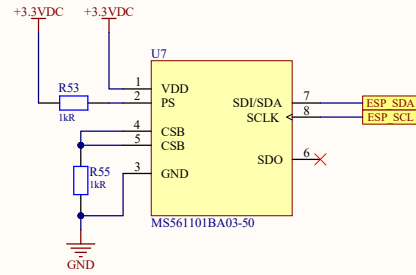
Company: HurSAT Satellite

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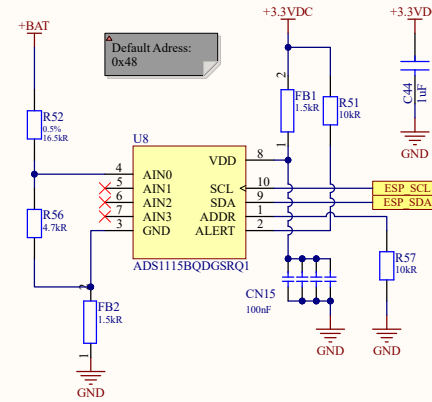
## MS5611



7-bit I2C address : 0x77  
(or 0x76)

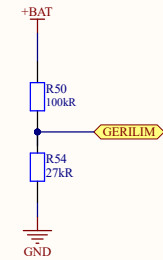


## VOLTAGE SENSOR



Separate analog and digital signals. To start, partition the board into analog and digital sections where the layout permits. Route digital lines away from analog lines

## GERILIM 1453



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Approved By:	*		

Company: HurSAT Satellite  
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A

B

C

D

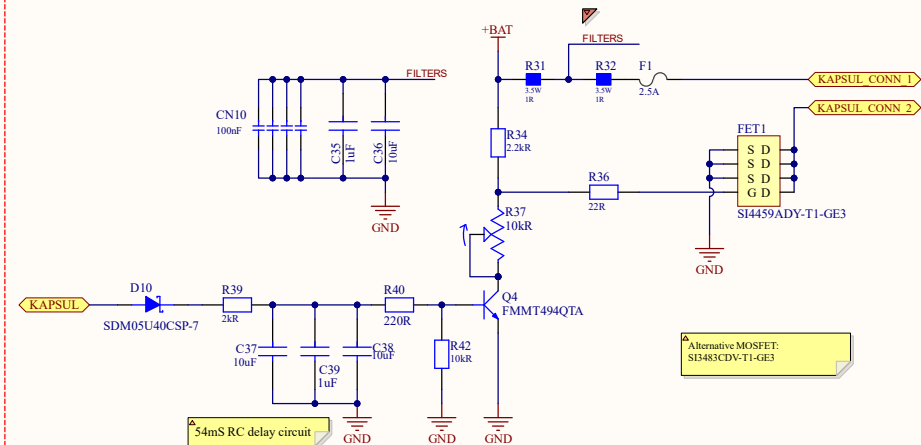
A

B

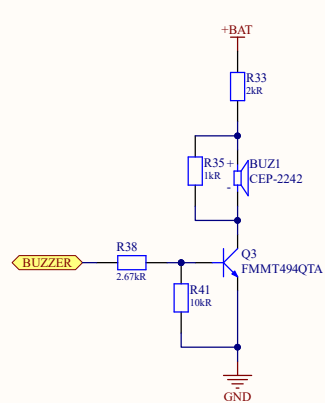
C

D

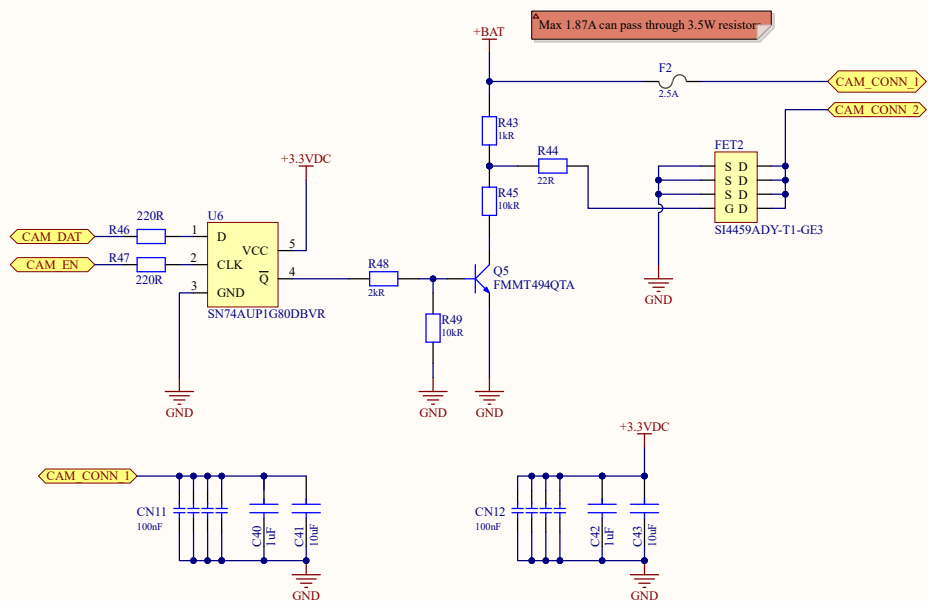
## KASPSUL



## BUZZER



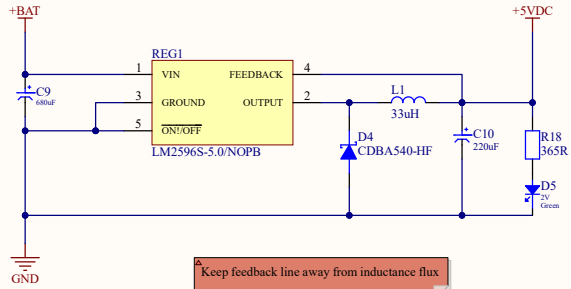
## CAMERA



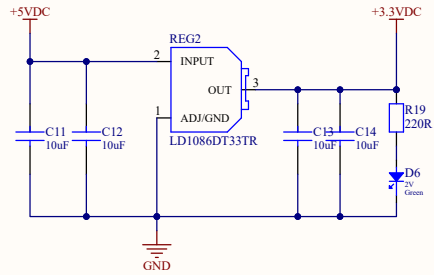
Company: \*  
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Title:	Variant: [No Variations]
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## 12V - 5V CONVERTER

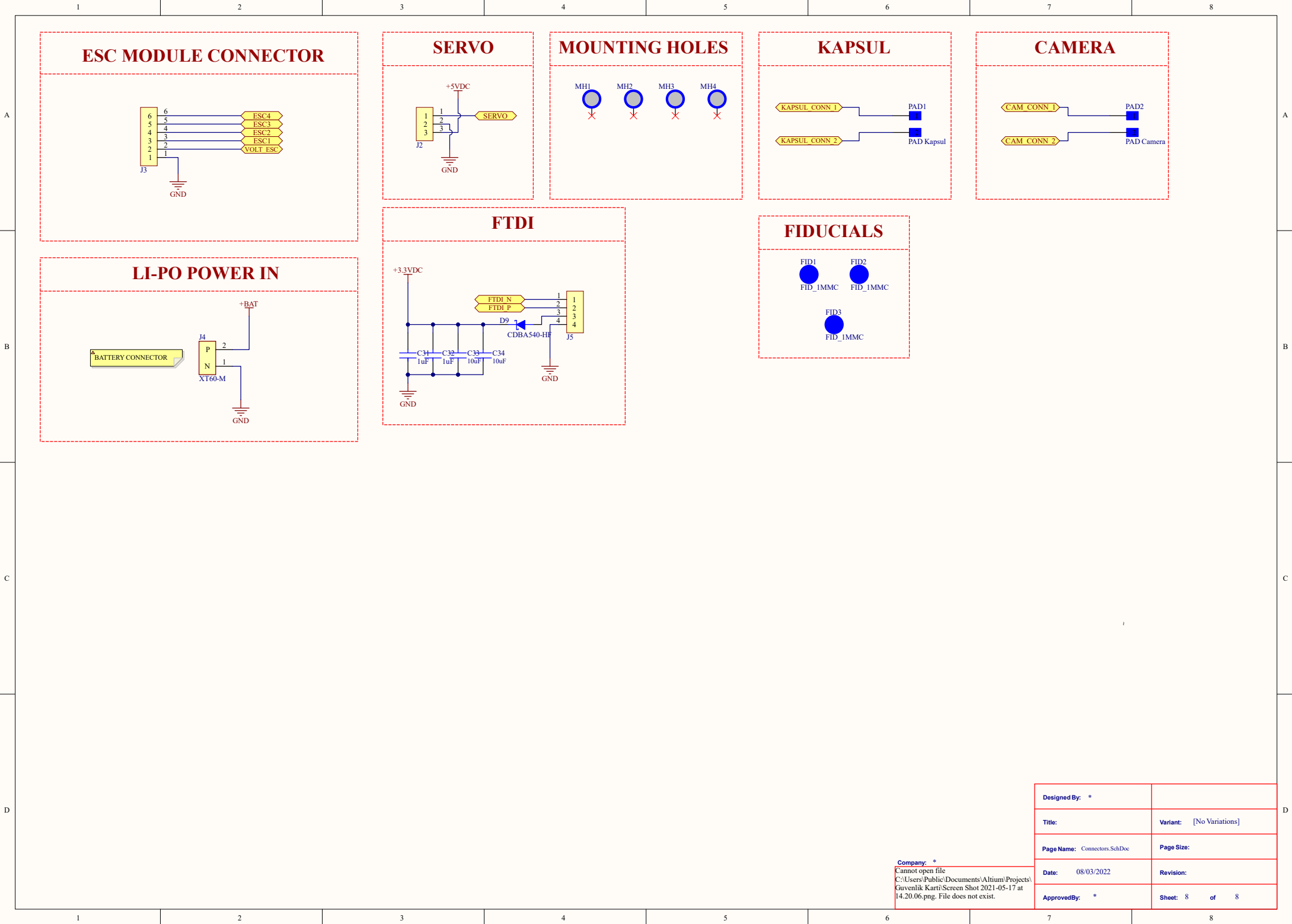


## 5V - 3V3 LDO



<b>Designed By:</b> Enes Mercan	
<b>Title:</b> Satellite Hardware	<b>Variant:</b> [No Variations]
<b>Page Name:</b> Power Managemet.SchDoc	<b>Page Size:</b> PageSize
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<b>ApprovedBy:</b> *	<b>Sheet:</b> 7 of 8

Company: HurSAT Setellite  
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Designed By: *	
Title:	Variant: [No Variations]
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Company: \*  
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