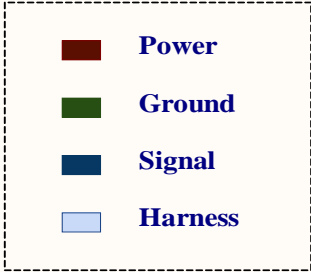
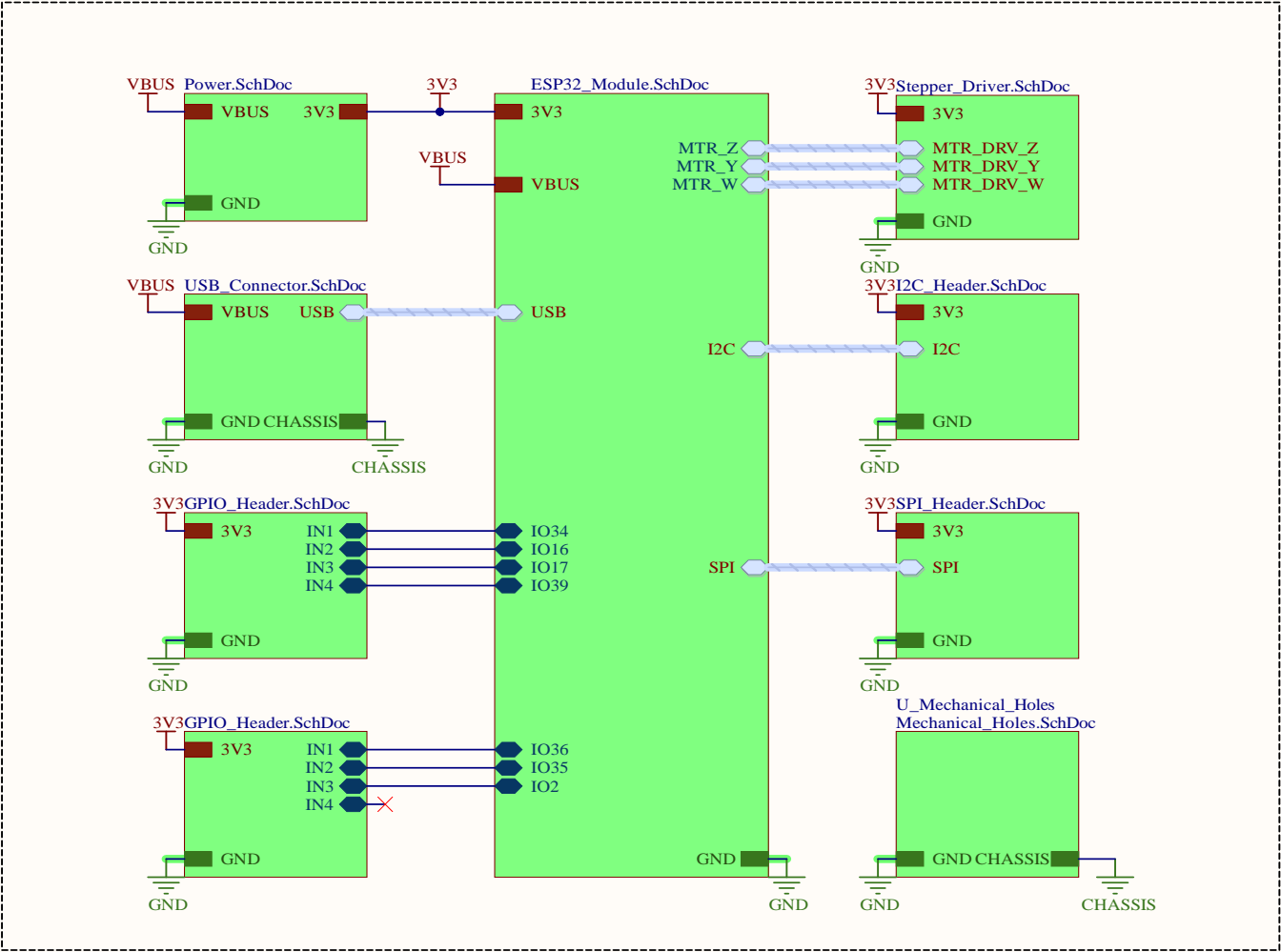
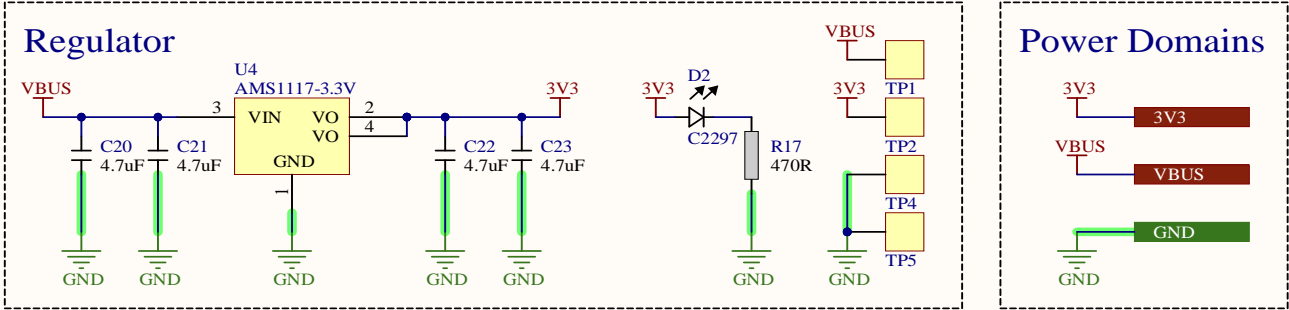


# Lens Maker



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Page Contents: Lens-Maker.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
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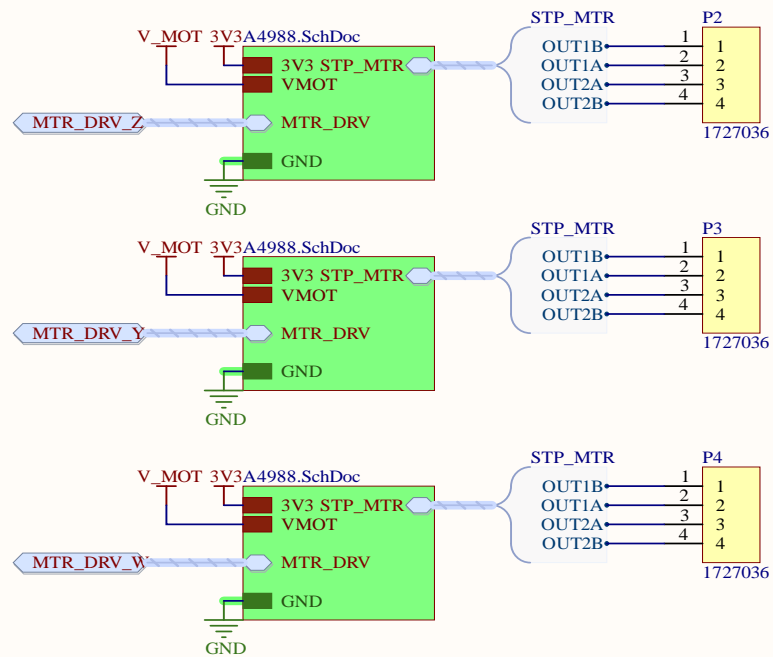
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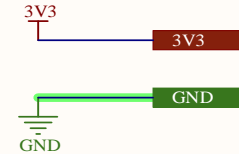
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Page Contents:Power.SchDoc	
Drawn By:Ian C. Diaz	Checked By:No Reviewer
Size: A4	Revision: A.00
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# Steppers Drivers

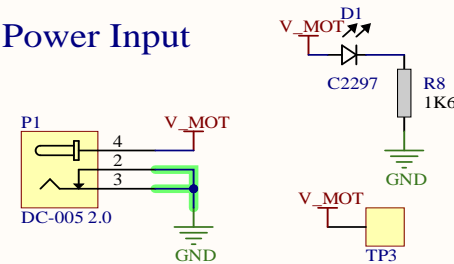
## Motor Drivers connections



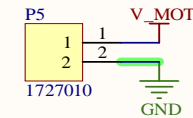
## Power Domains



## Power Input



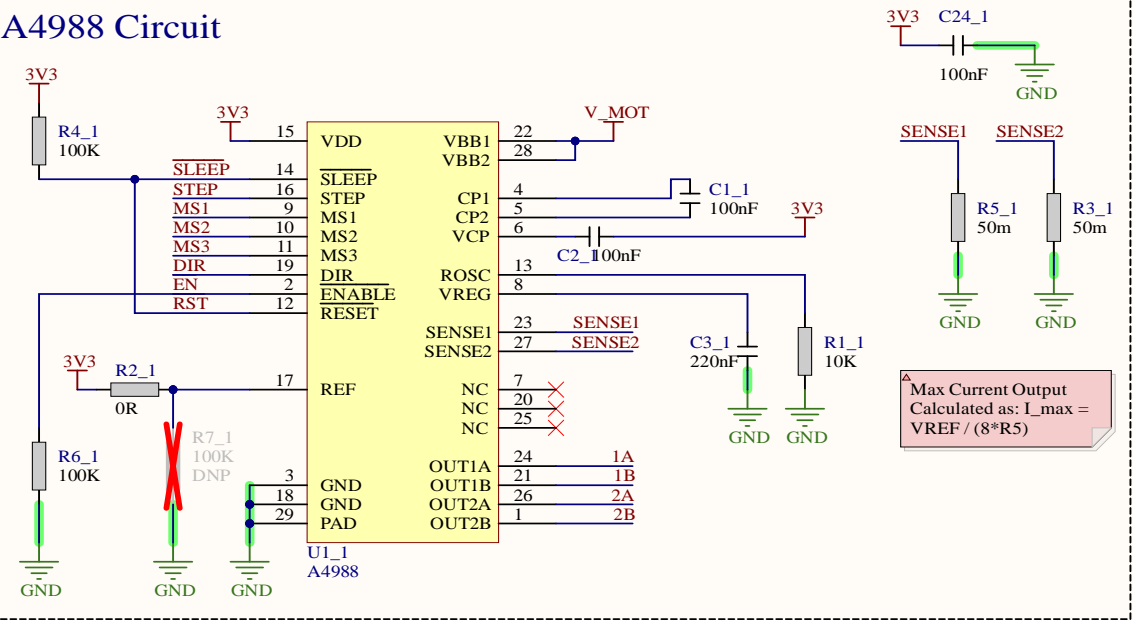
## Cooler Connector



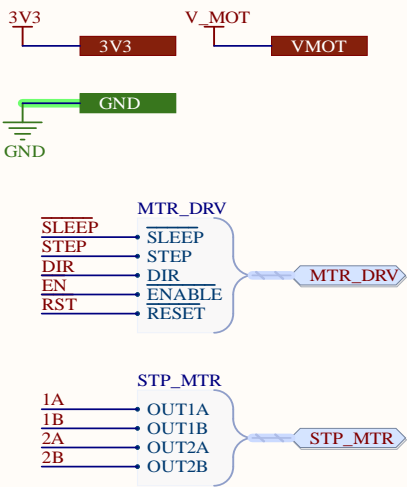
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Page Contents:Stepper_Driver.SchDoc	
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Size: A4	Revision: A.00
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# A4988 Circuit

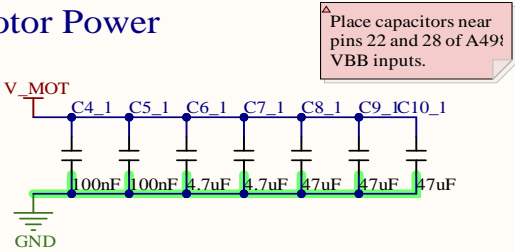
## A4988 Circuit



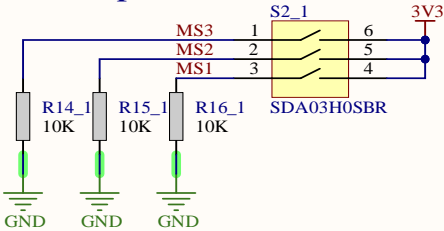
## Power Ports & Signal Harness



## Motor Power



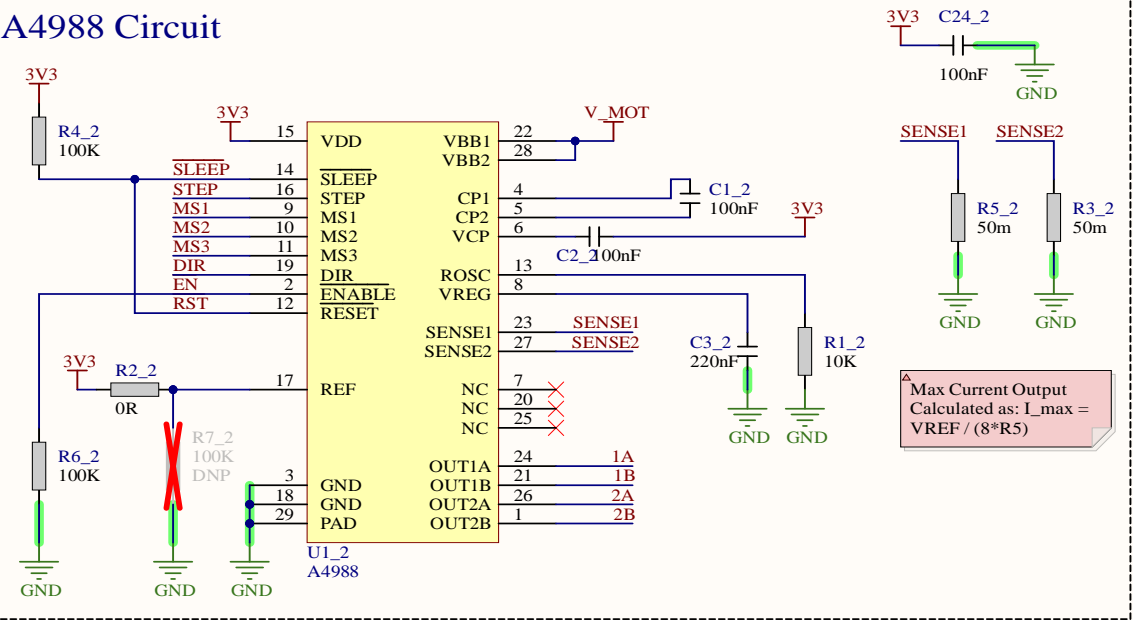
## Micro Step DIP Switch



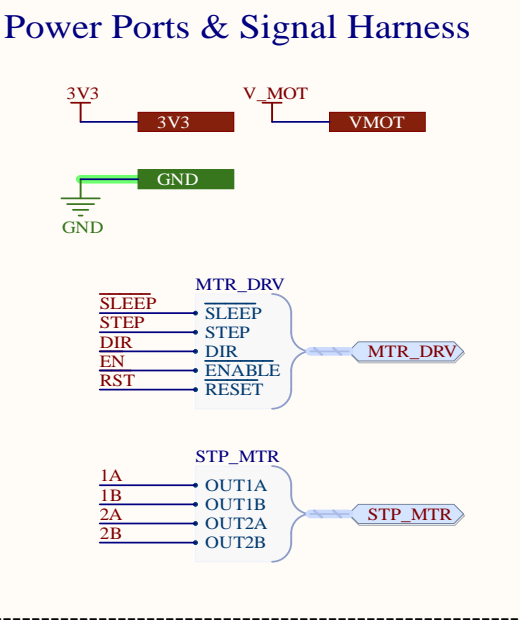
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Page Contents:A4988.SchDoc	
Drawn By:Ian C. Diaz	Checked By:No Reviewer
Size: A4	Revision: A.00
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# A4988 Circuit

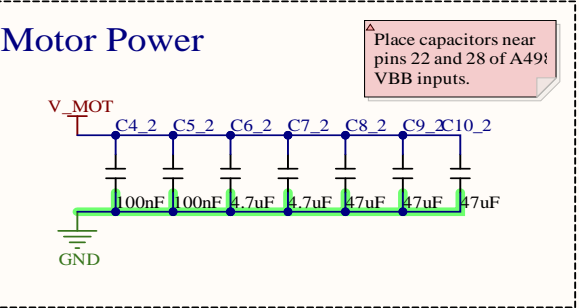
## A4988 Circuit



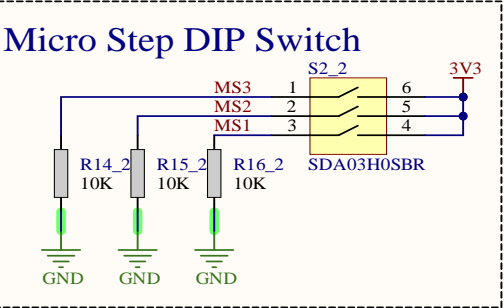
## Power Ports & Signal Harness



## Motor Power



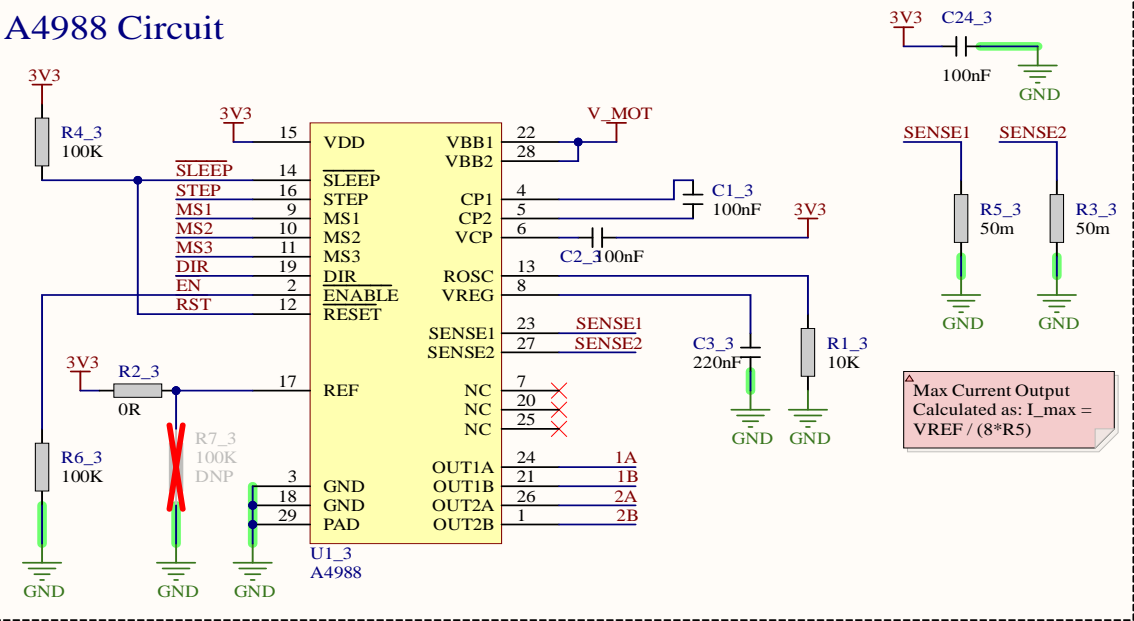
## Micro Step DIP Switch



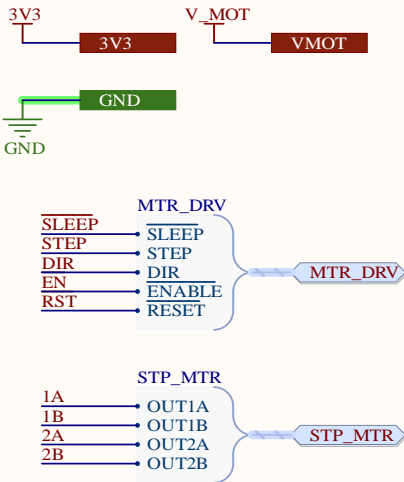
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Page Contents: A4988.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
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# A4988 Circuit

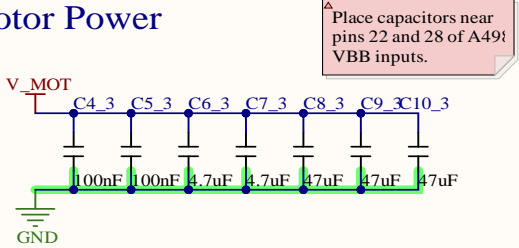
## A4988 Circuit



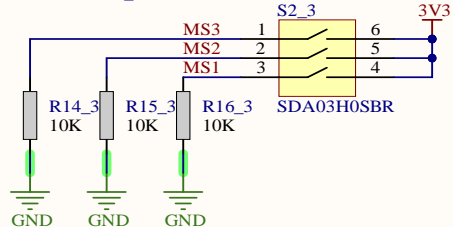
## Power Ports & Signal Harness



## Motor Power



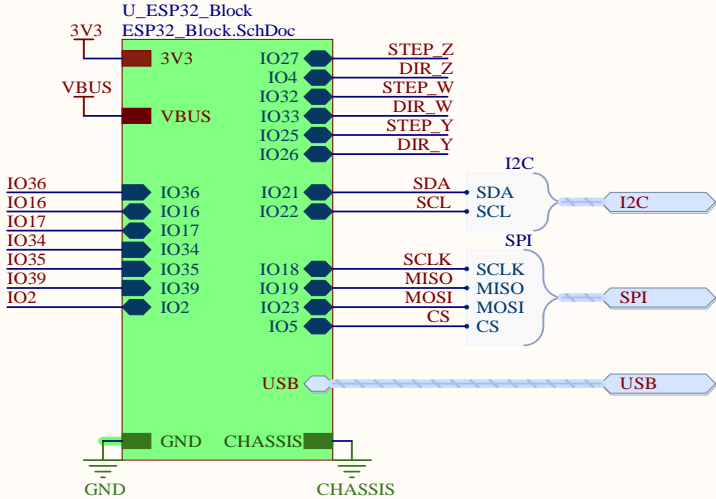
## Micro Step DIP Switch



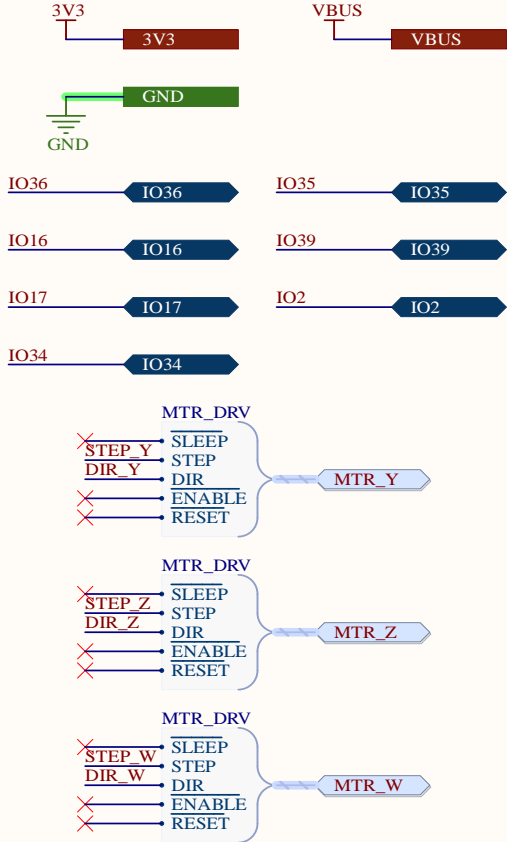
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Page Contents: A4988.SchDoc	
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# ESP32 Module

## ESP32 Module



## Power Domains & Harness



Title: **Lens-Maker**

Page Contents:ESP32\_Module.SchDoc

Drawn By:Ian C. Diaz

Checked By:No Reviewer

Size: A4

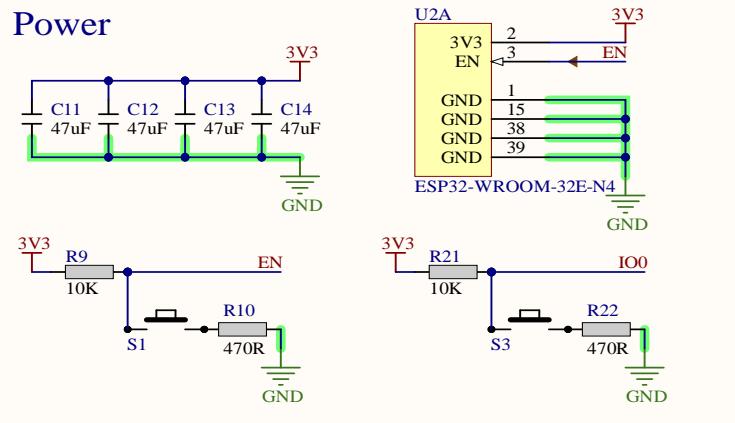
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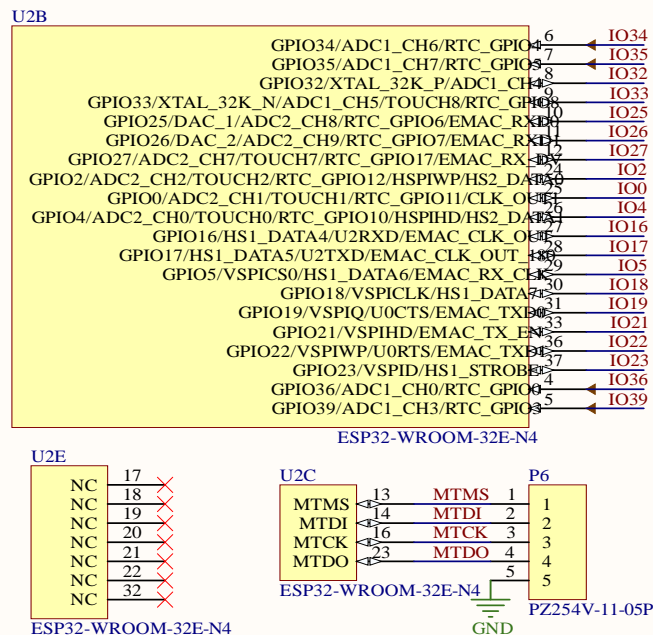
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# ESP32 Block

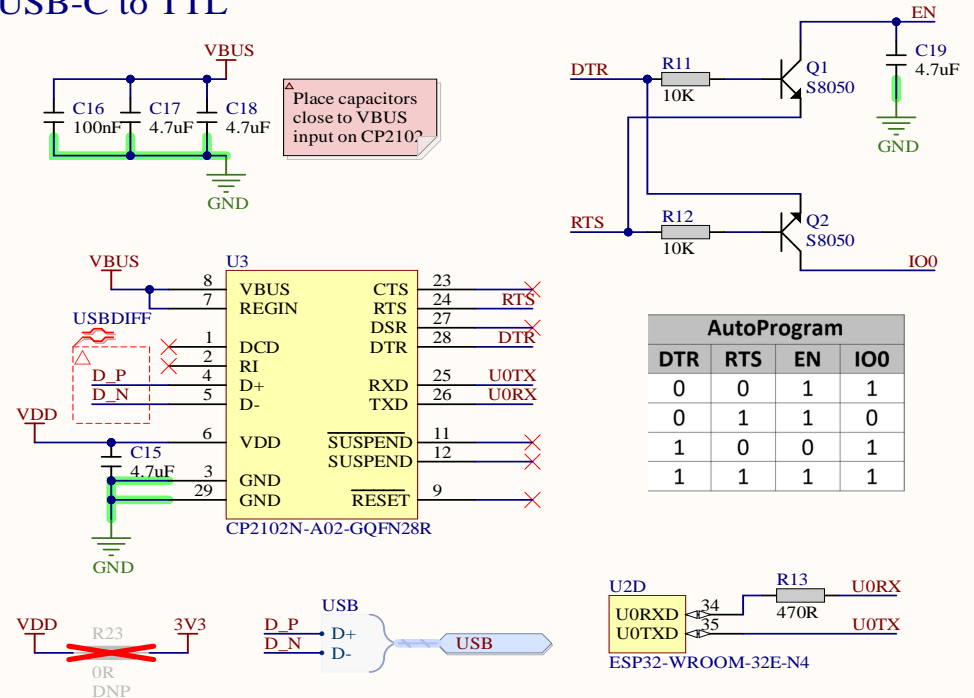
## Power



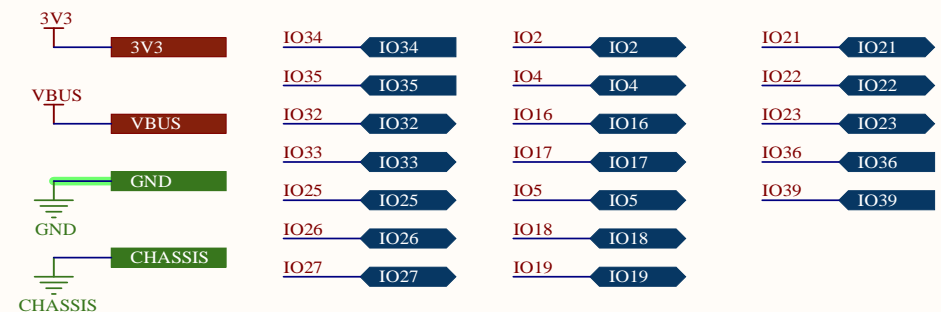
## ESP32 GPIOs and JTAG



## USB-C to TTL



## Power Domains and Ports

Title: **Lens-Maker**

Page Contents:ESP32\_Block.SchDoc

Drawn By: Ian C. Diaz

Checked By	No Reviewer
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Size: A4
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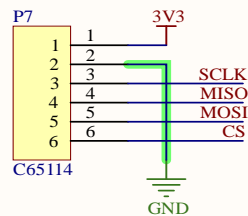
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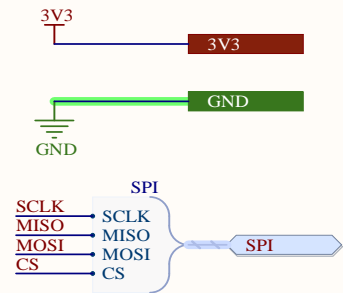


# SPI Connector

Header

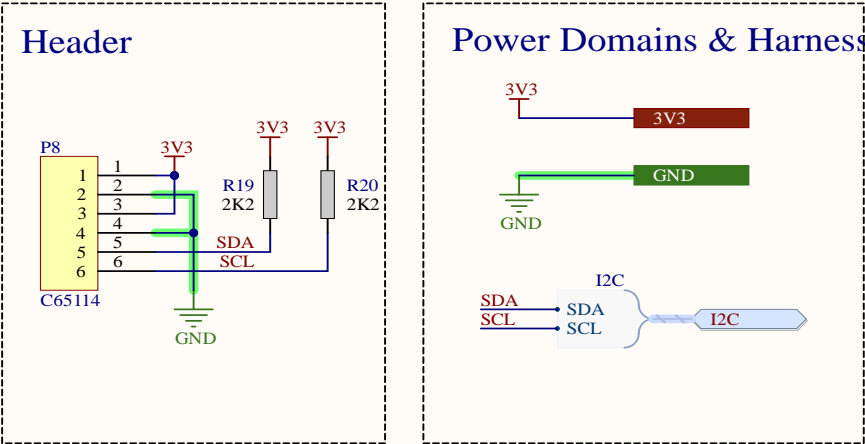


Power Domains & Harness



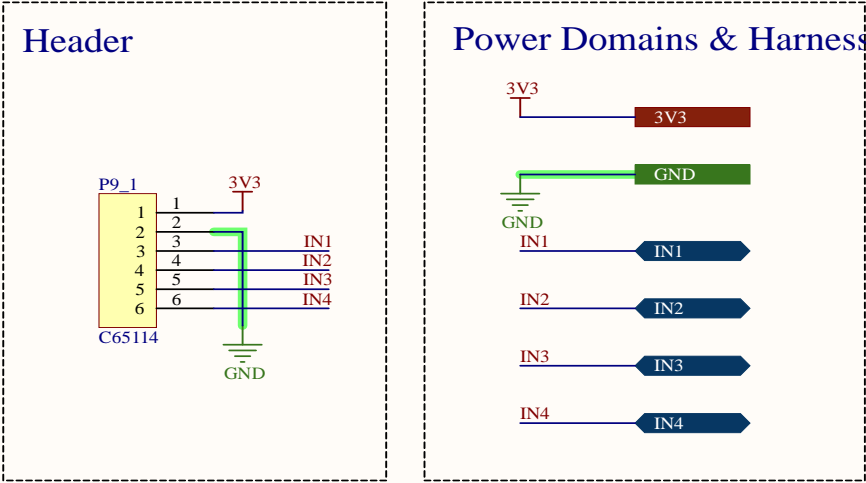
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Page Contents:SPI_Header.SchDoc	
Drawn By:Ian C. Diaz	Checked By:No Reviewer
Size: A4	Revision: A.00
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# I2C Connector



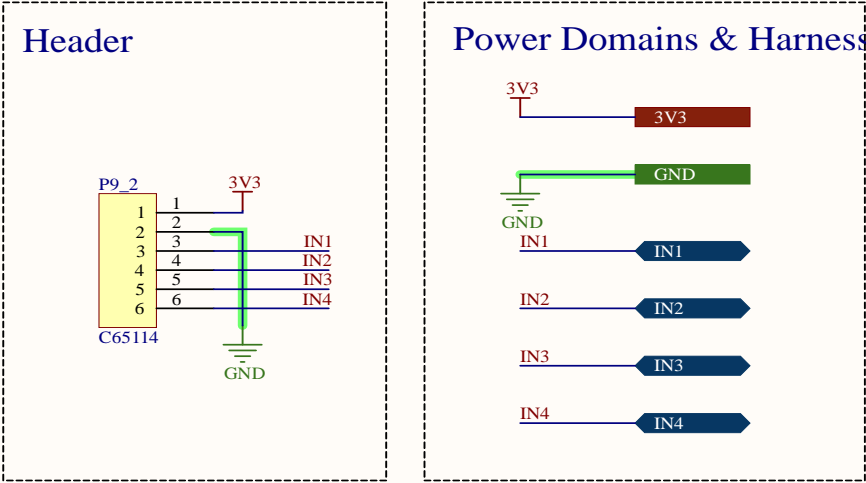
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Page Contents:I2C_Header.SchDoc	
Drawn By: Ian C. Diaz	Checked By:No Reviewer
Size: A4	Revision: A.00
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# GPIO Connector



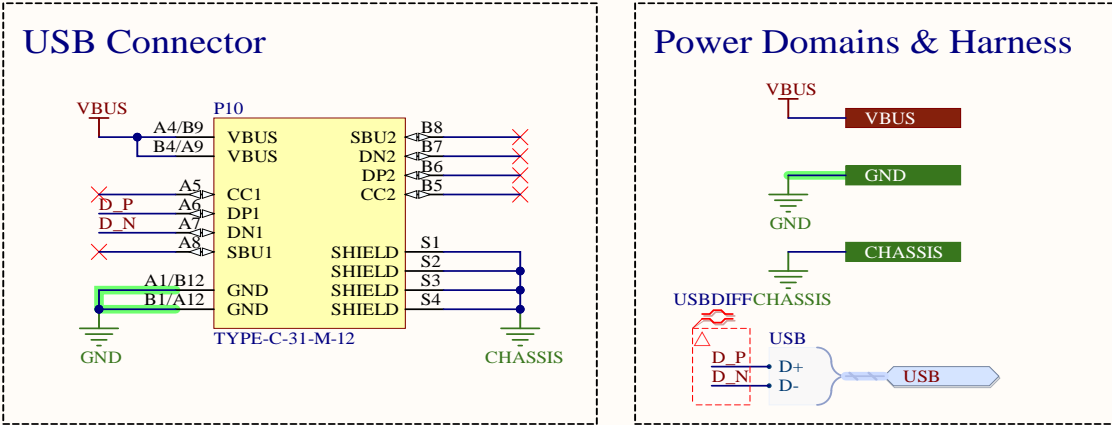
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Page Contents:GPIO_Header.SchDoc	
Drawn By:Ian C. Diaz	Checked By:No Reviewer
Size: A4	Revision: A.00
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# GPIO Connector



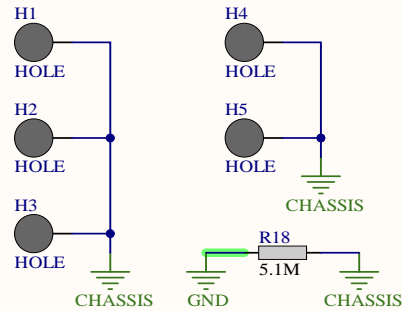
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Page Contents:GPIO_Header.SchDoc	
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# USB Connector

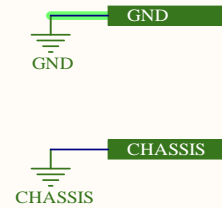


# Mechanical Holes

Mechanical Holes



Power Domains & Harness



Title: <b>Lens-Maker</b>	
Page Contents: <b>Mechanical_Holes.SchDoc</b>	
Drawn By: <b>Ian C. Diaz</b>	Checked By: <b>No Reviewer</b>
Size: <b>A4</b>	Revision: <b>A.00</b>
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