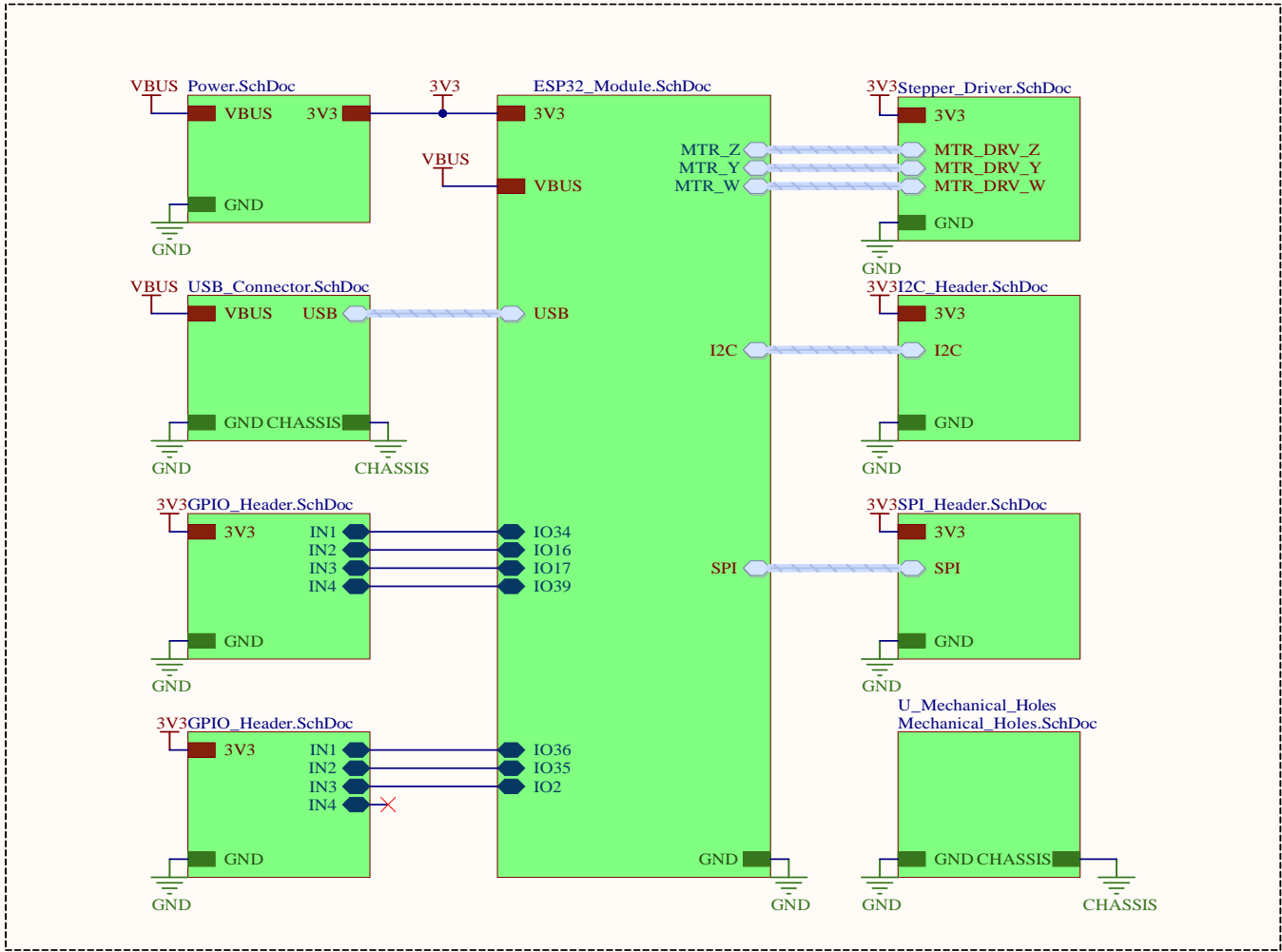
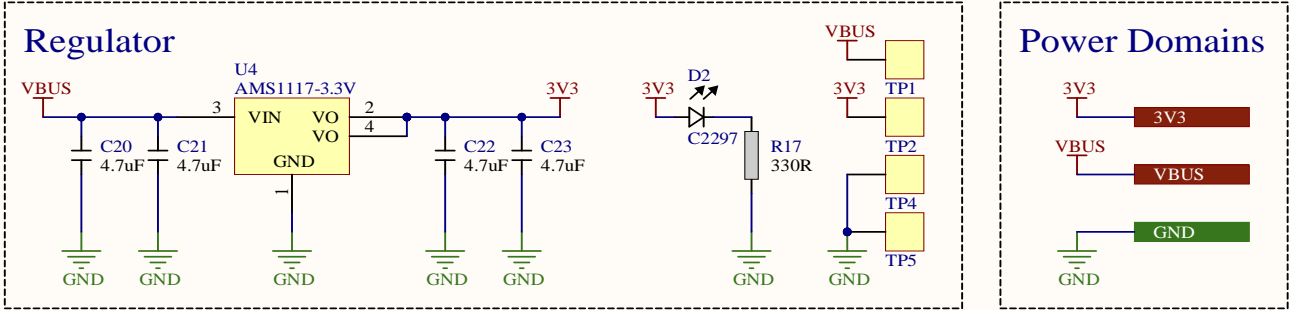


Lens Maker



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Drawn By: Ian C. Diaz	Checked By: No Reviewer
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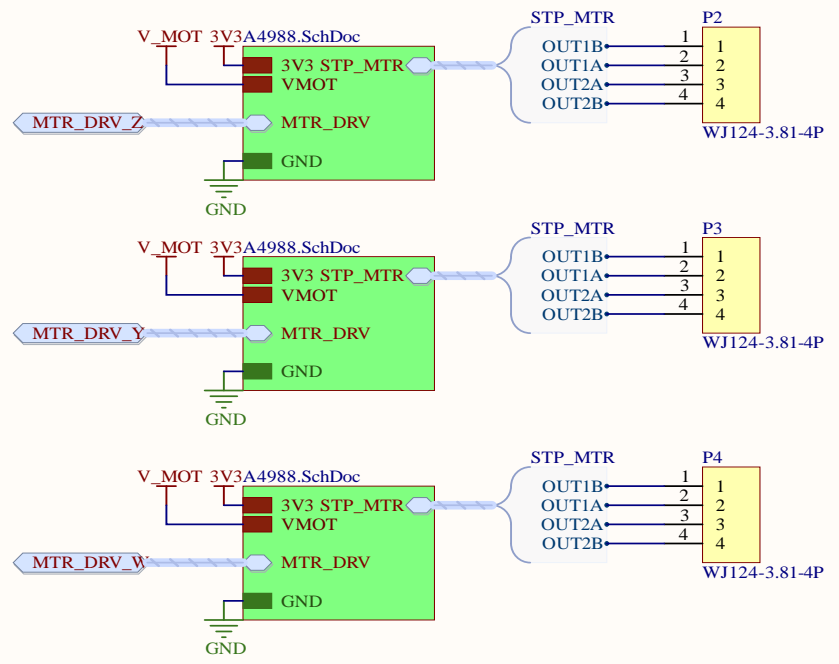
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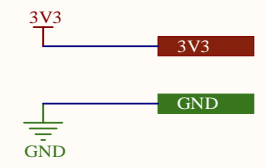
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Steppers Drivers

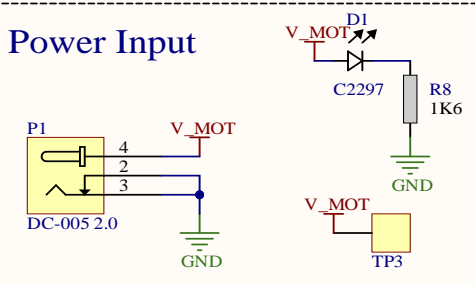
Motor Drivers connections



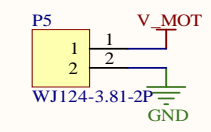
Power Domains



Power Input

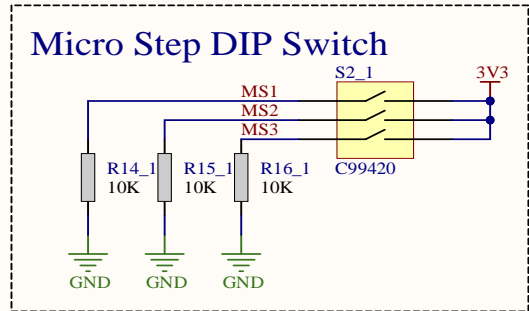
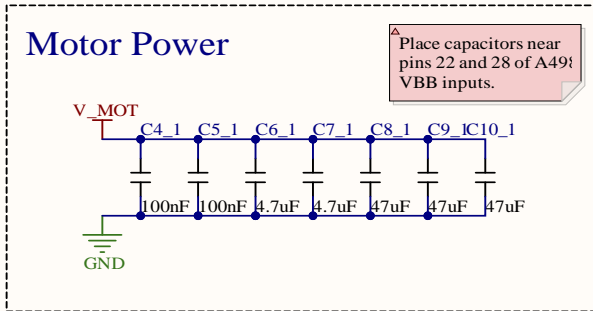
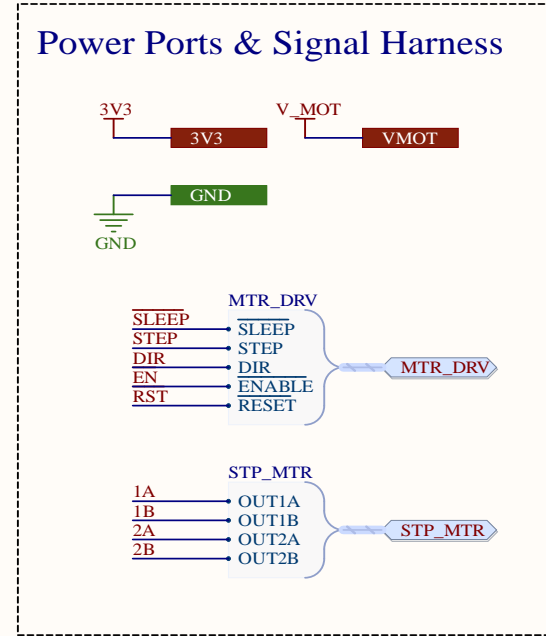
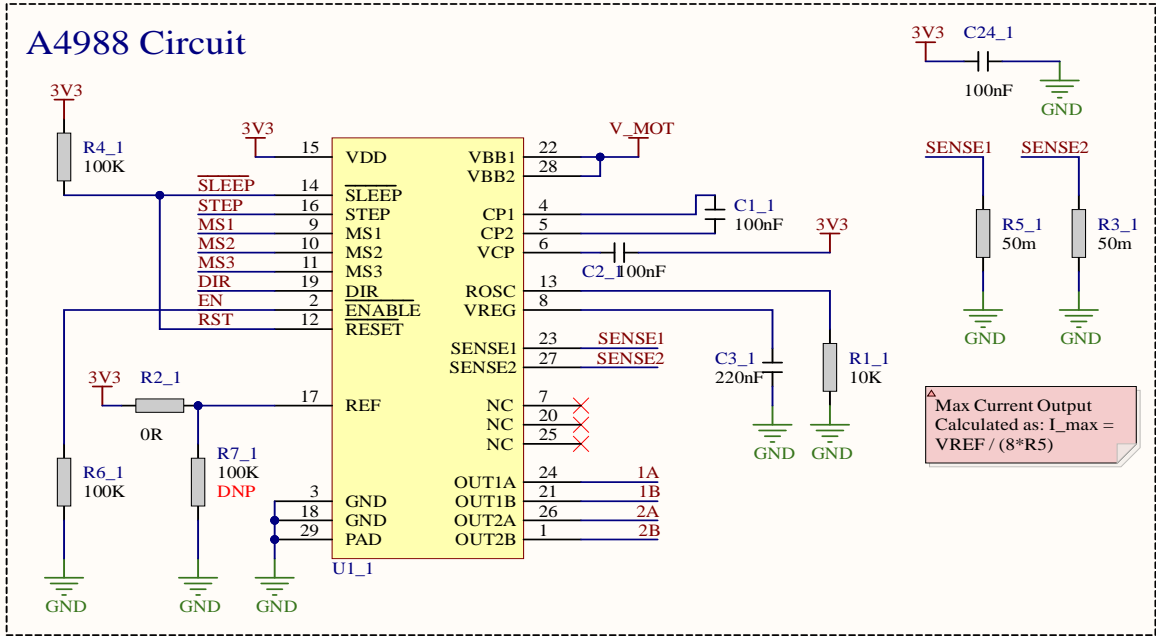


Cooler Connector



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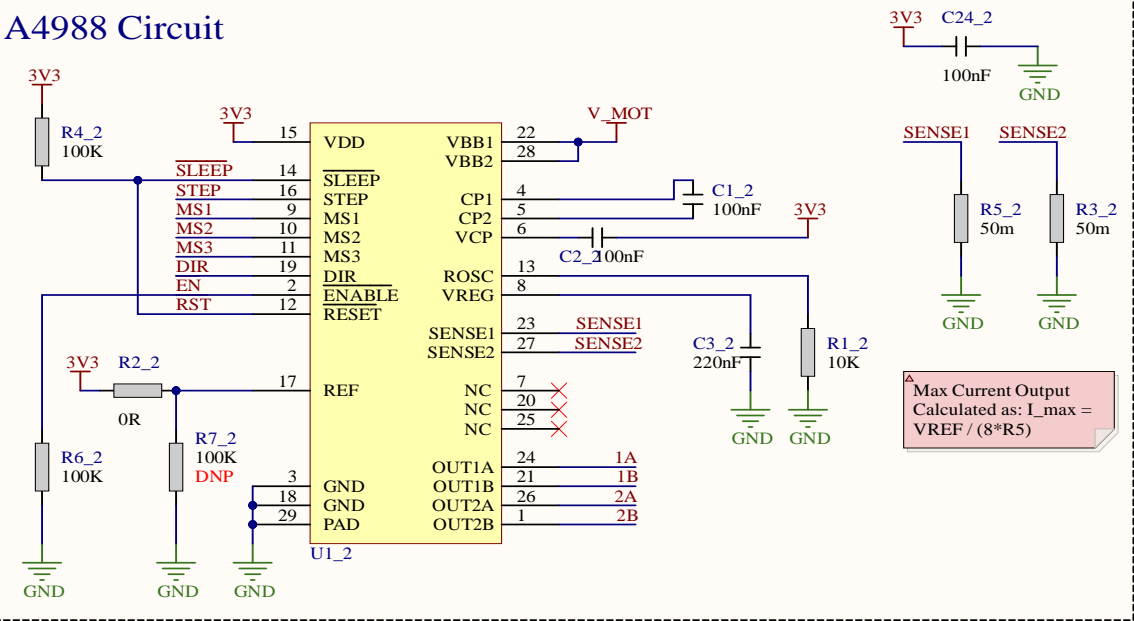
A4988 Circuit



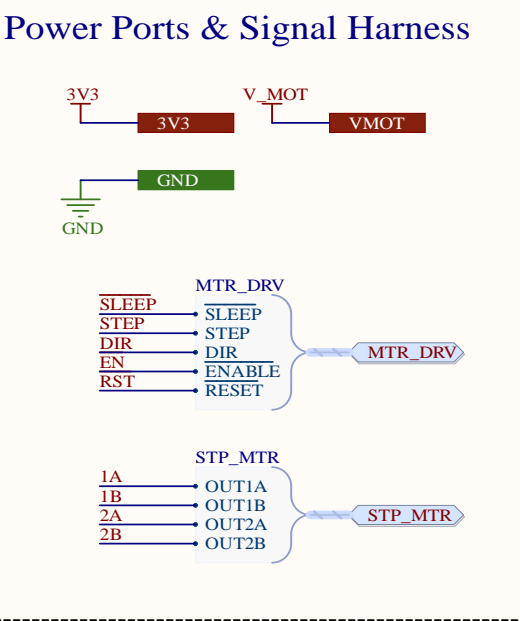
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A4988 Circuit

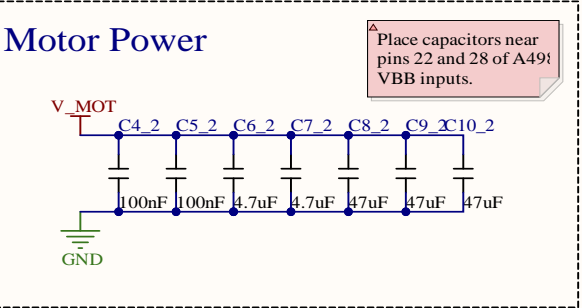
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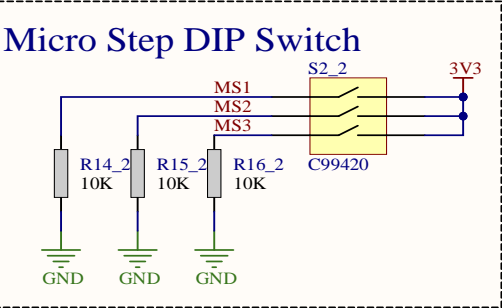
Power Ports & Signal Harness



Motor Power



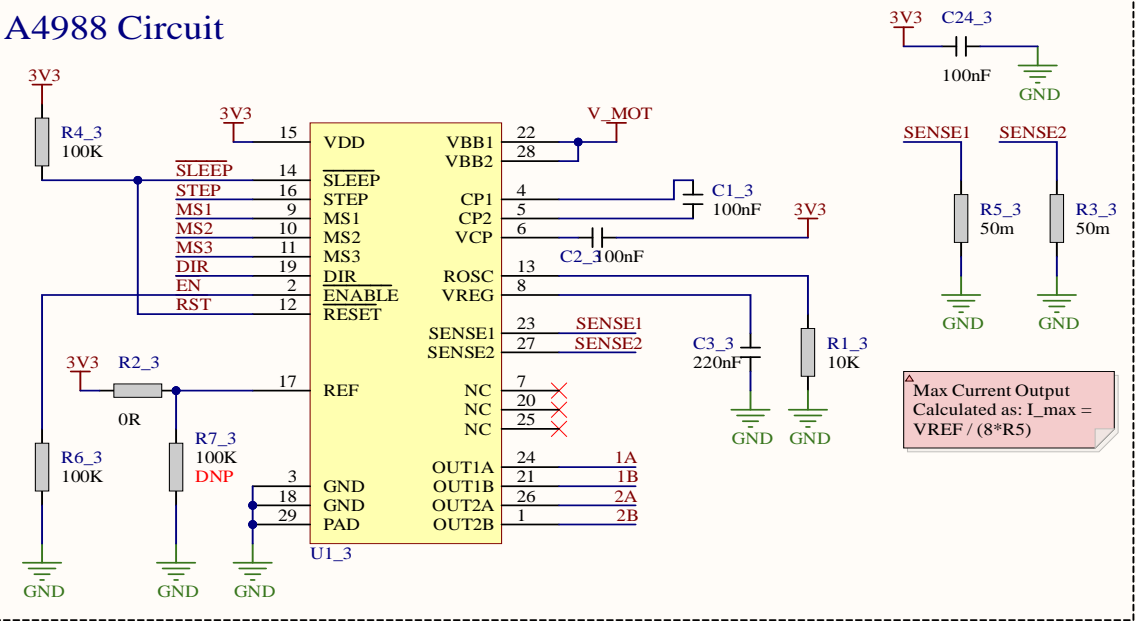
Micro Step DIP Switch



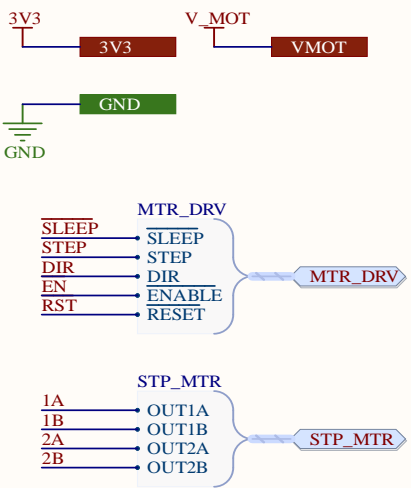
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A4988 Circuit

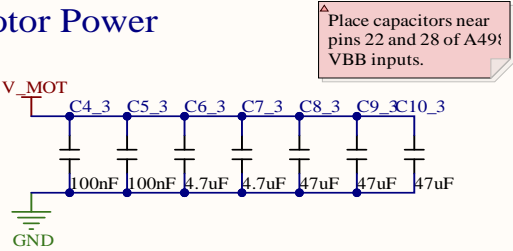
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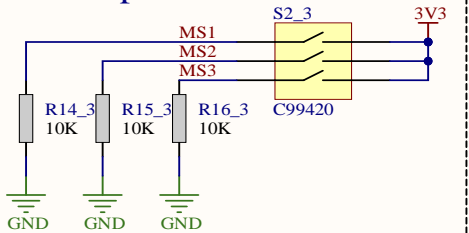
Power Ports & Signal Harness



Motor Power



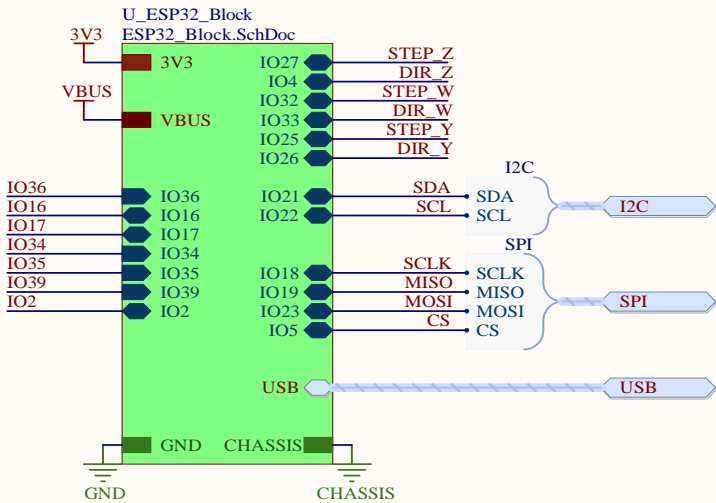
Micro Step DIP Switch



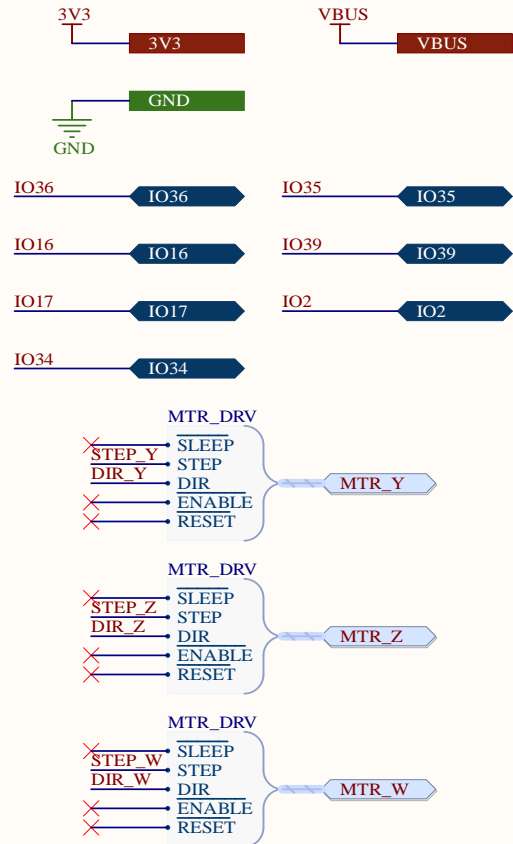
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Page Contents: A4988.SchDoc	
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ESP32 Module

ESP32 Module

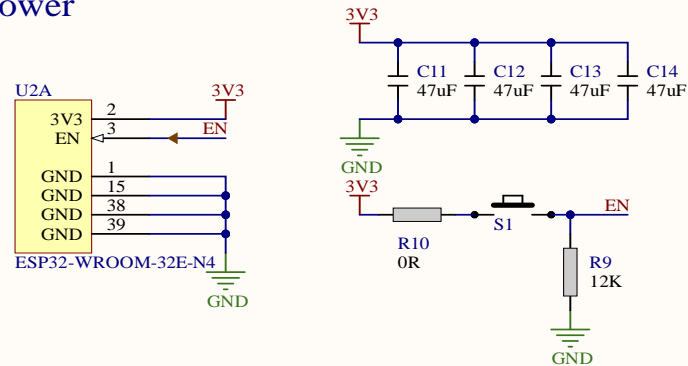


Power Domains & Harness

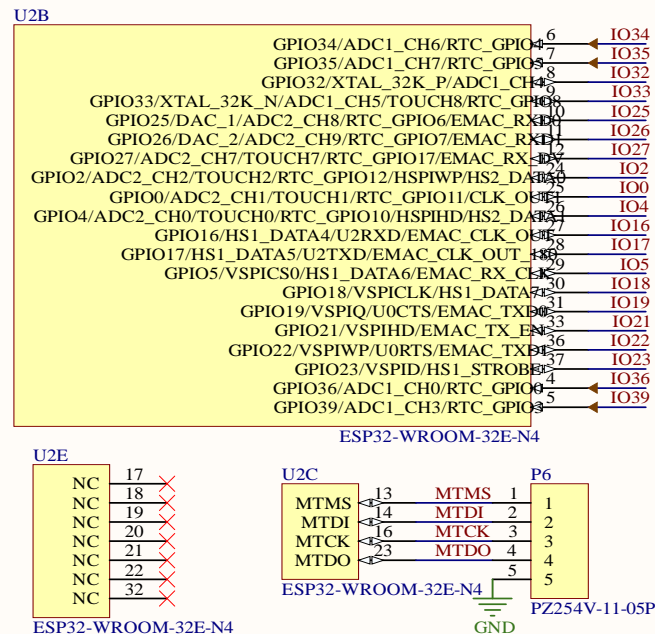


ESP32 Block

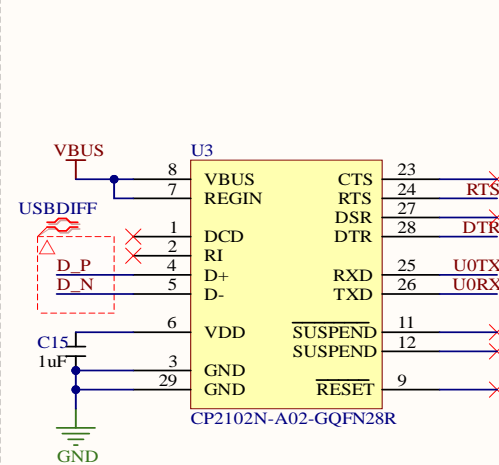
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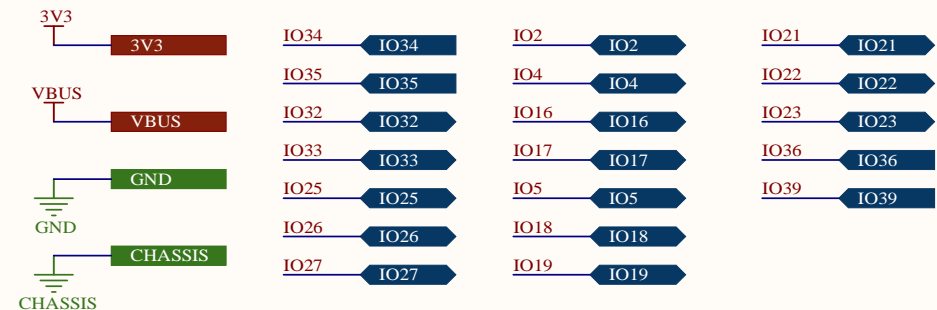
ESP32 GPIOs and JTAG



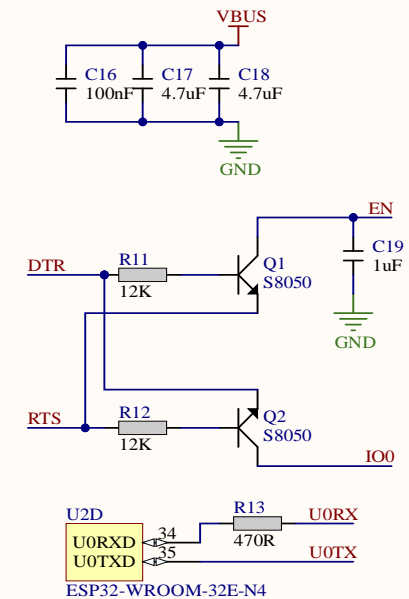
USB-C to TTL



Power Domains and Ports



Place capacitors close to VBUS input on CP2102

Title: **Lens-Maker**

Page Contents:ESP32_Block.SchDoc

Drawn By: Ian C. Diaz

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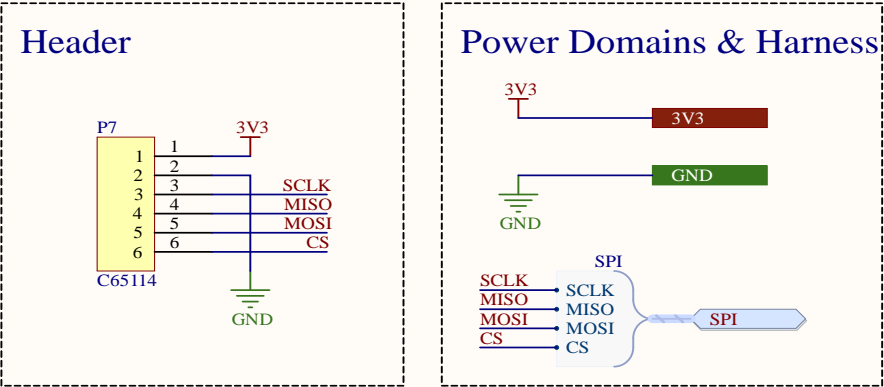
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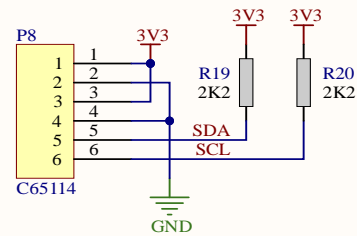
Sheet 6 of 11

SPI Connector

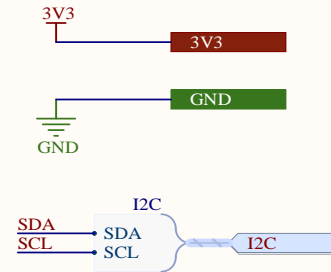


I2C Connector

Header

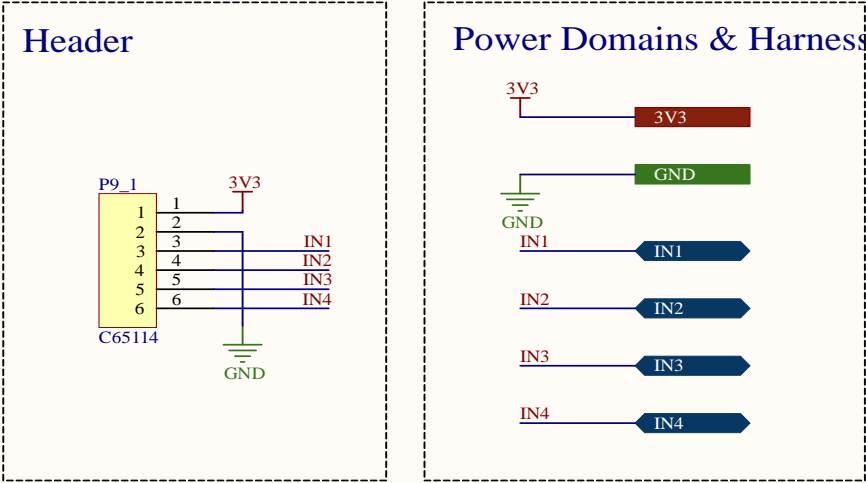


Power Domains & Harness



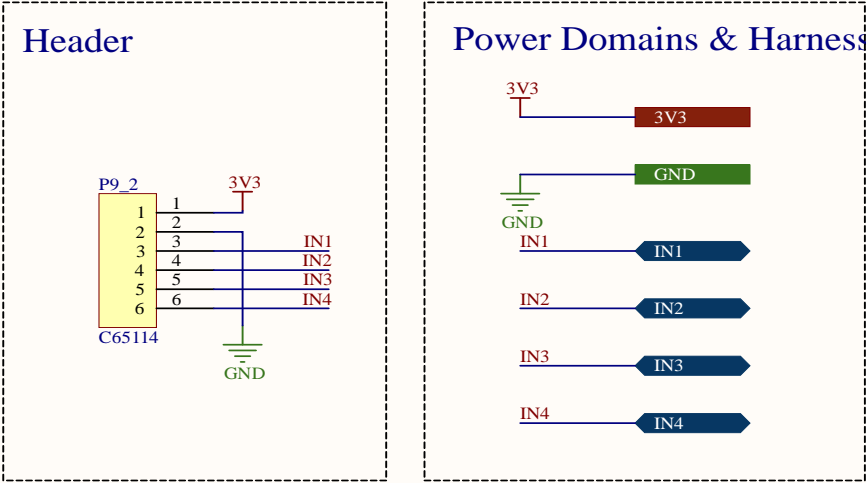
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Drawn By: Ian C. Diaz	Checked By: No Reviewer
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GPIO Connector



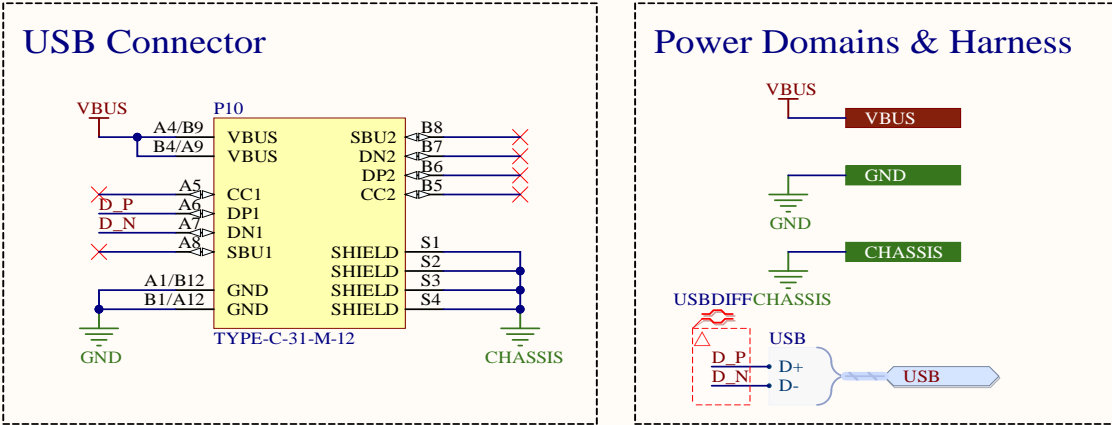
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GPIO Connector



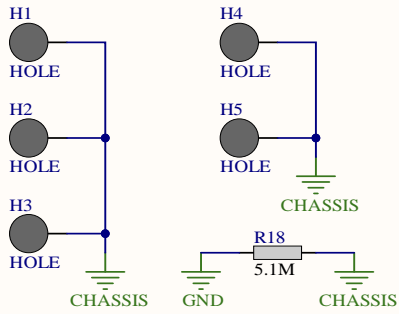
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USB Connector

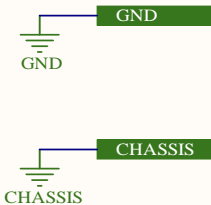


Mechanical Holes

Mechanical Holes



Power Domains & Harness



Title: Lens-Maker	
Page Contents: Mechanical_Holes.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
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