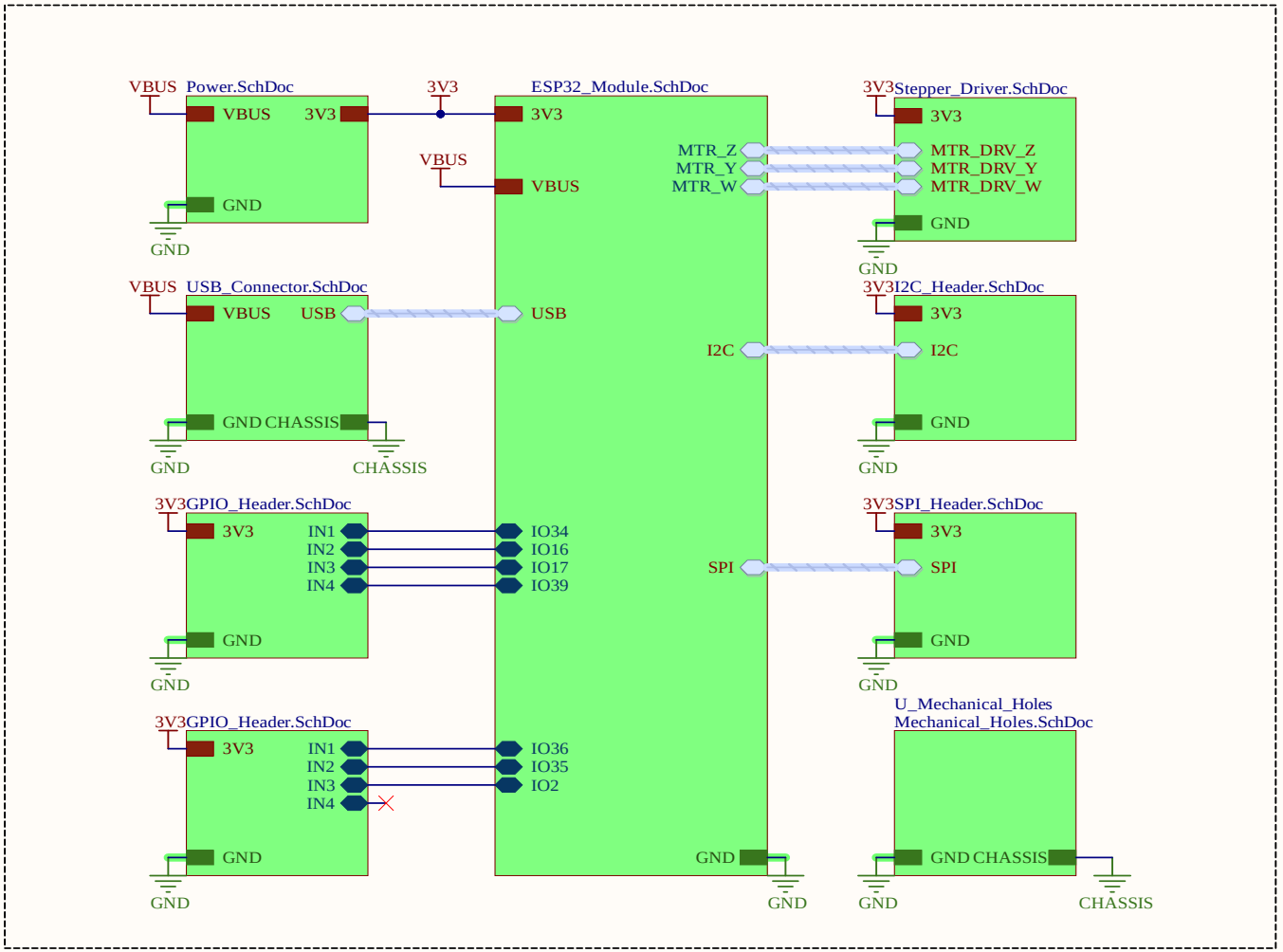
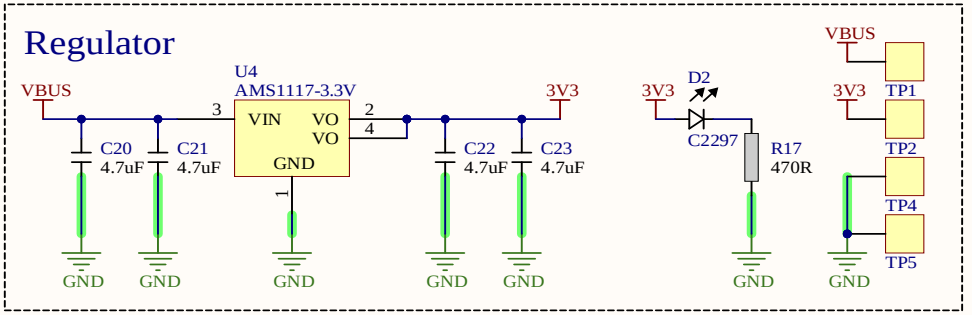
Lens Maker

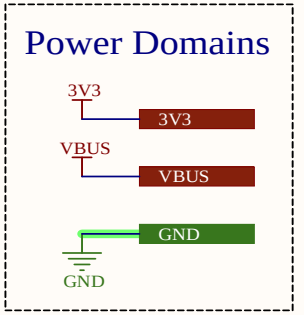


Power
Ground
Signal
Harness

Title: **Lens-Maker**	
Page Contents: Lens-Maker.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 1 of 11

Power

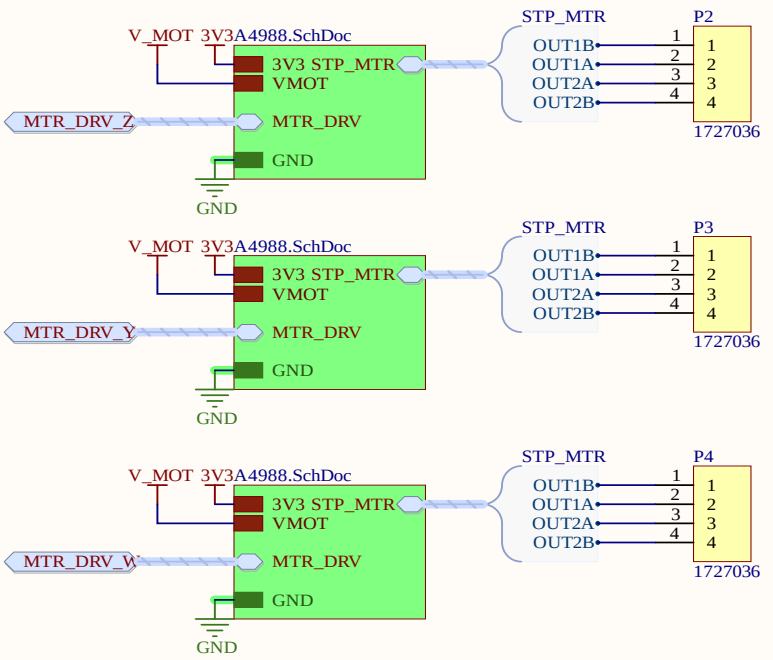




Title: **Lens-Maker**	
Page Contents: Power.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 2 of 11

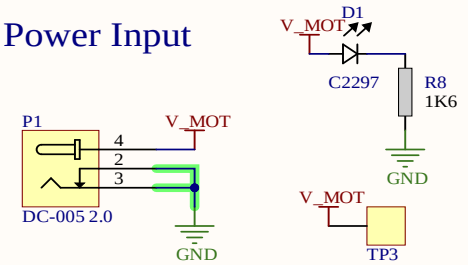
Steppers Drivers

Motor Drivers connections

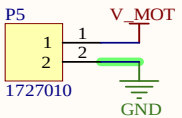


Power Domains

Power Input

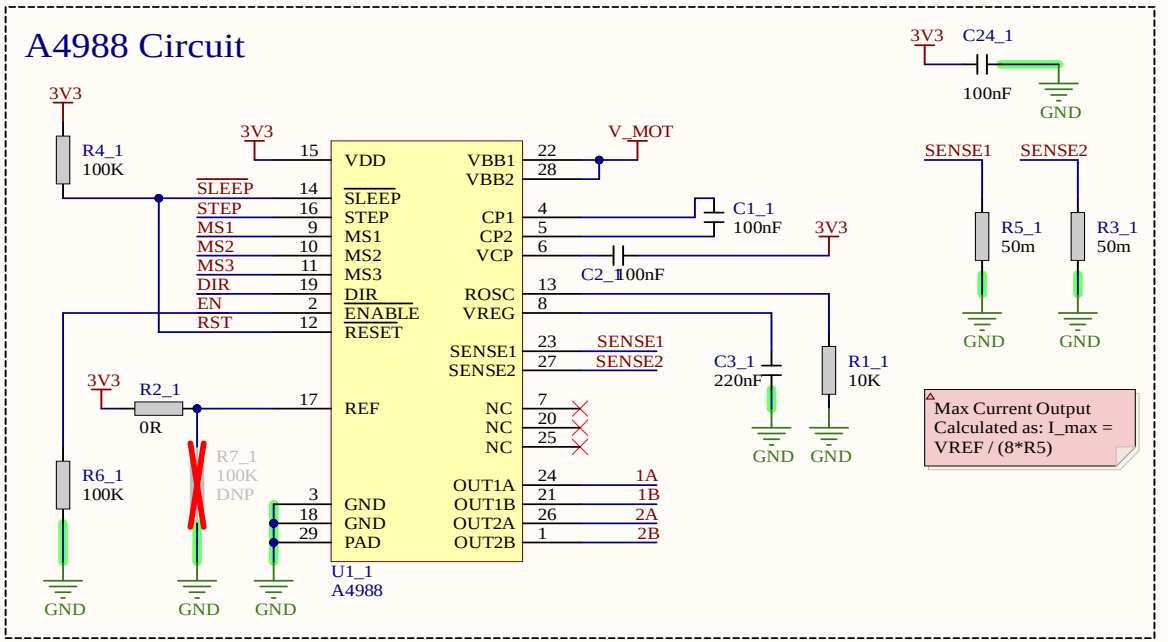


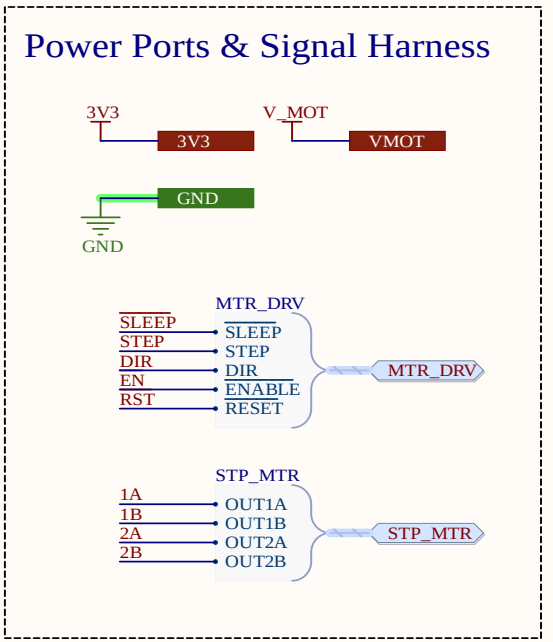
Cooler Connector

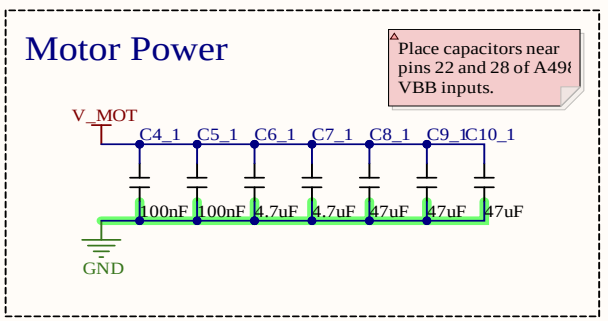


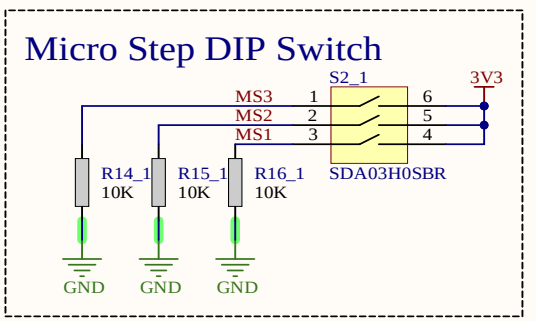
Title: **Lens-Maker**	
Page Contents: Stepper_Driver.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 3 of 11

A4988 Circuit



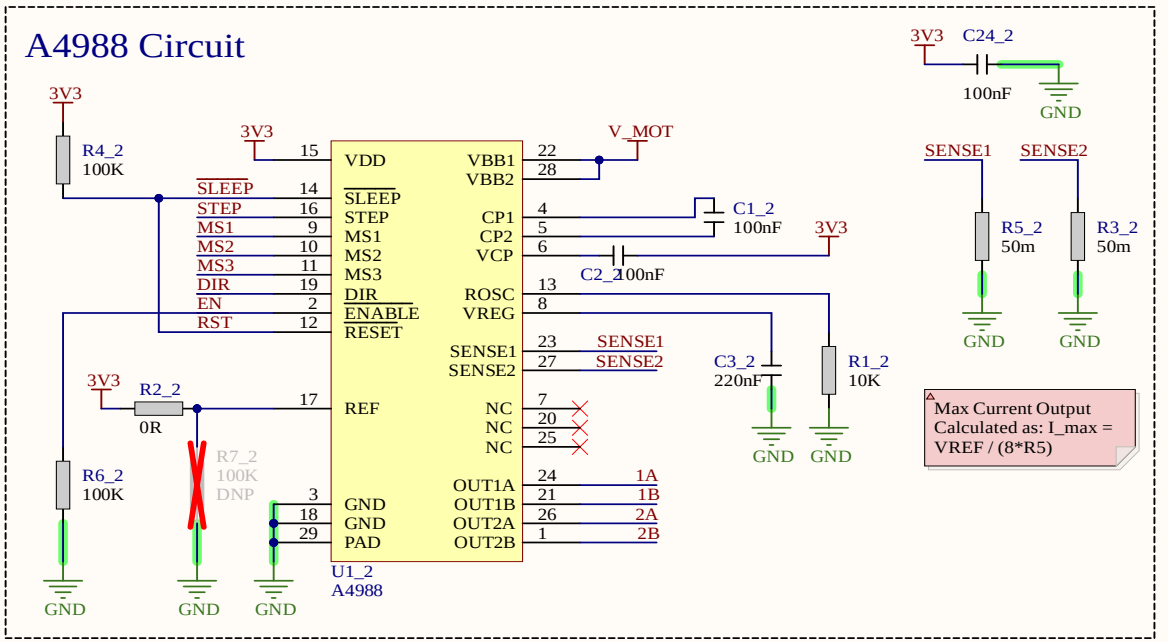


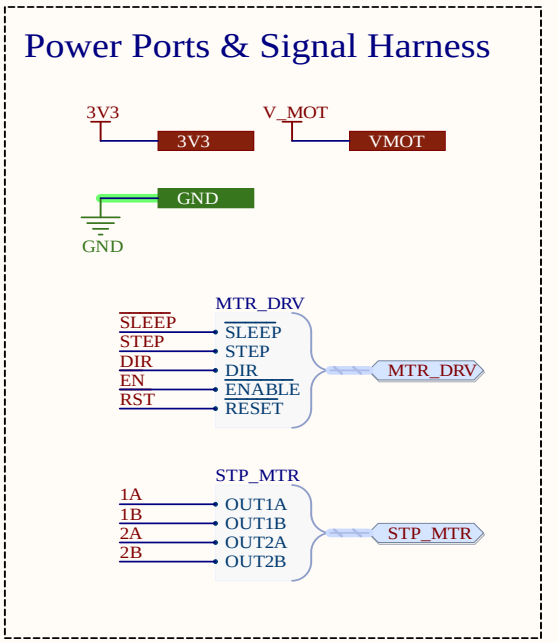


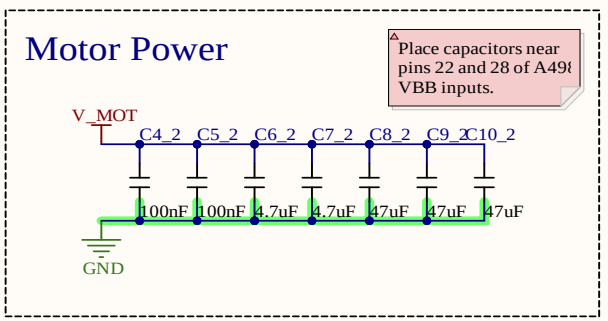


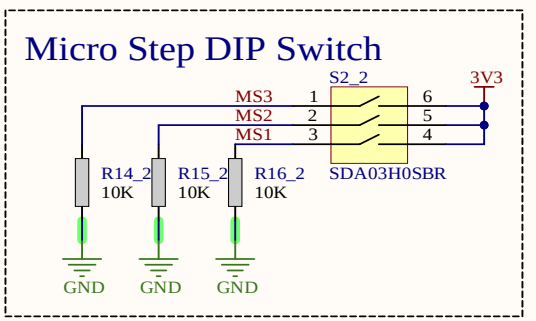
Title: **Lens-Maker**	
Page Contents: A4988.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 4 of 11

A4988 Circuit



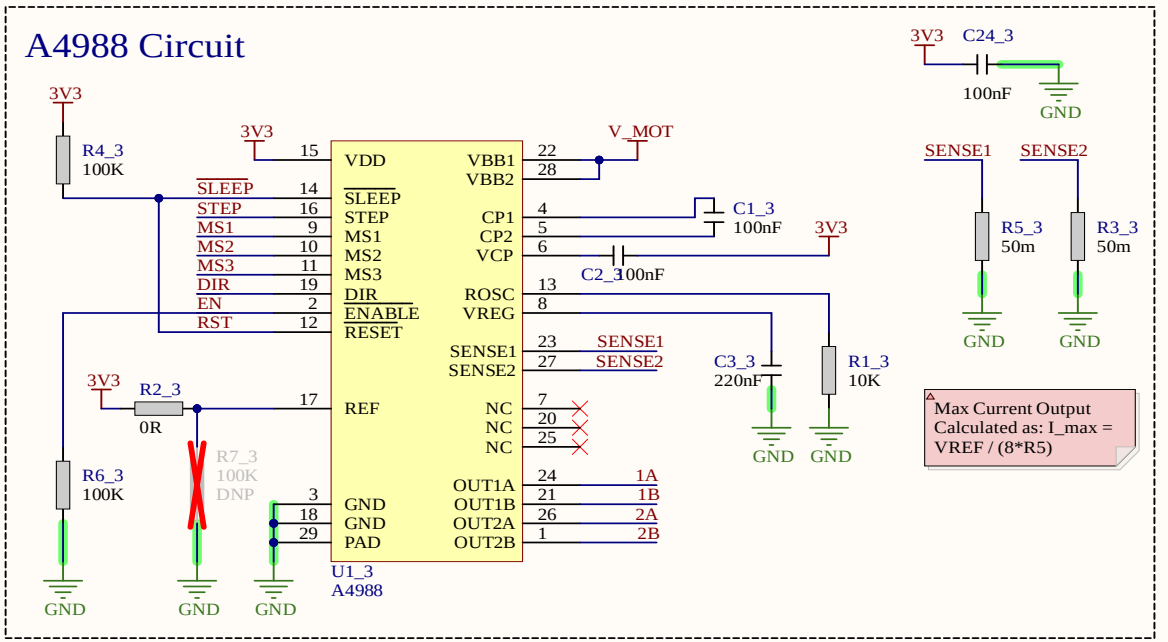


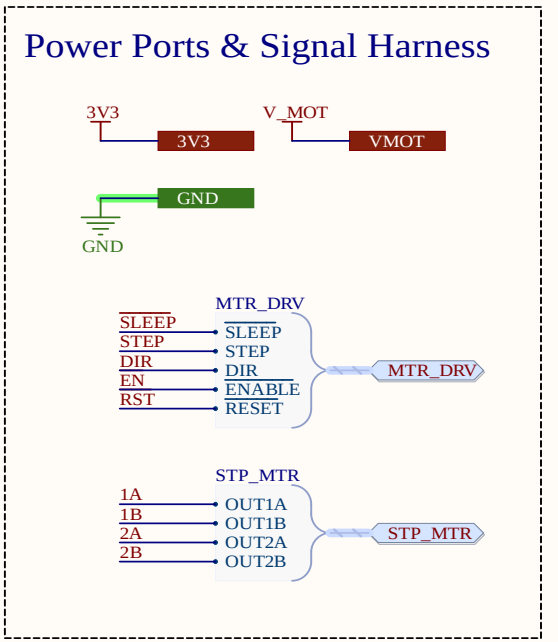


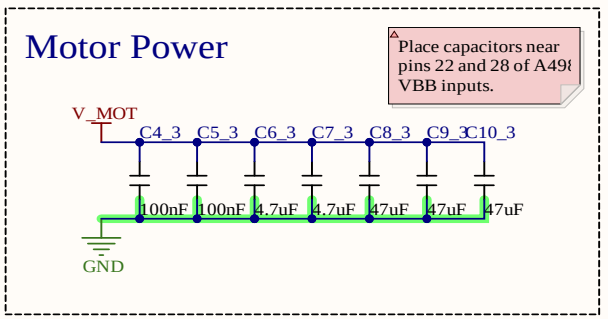


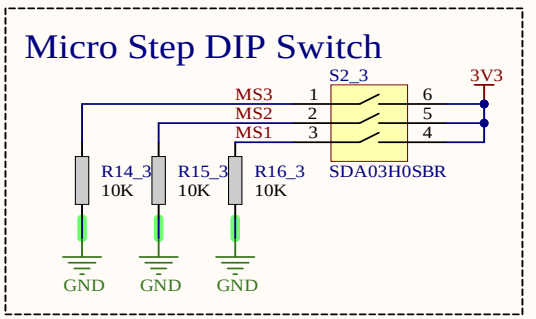
Title: **Lens-Maker**	
Page Contents: A4988.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 4 of 11

A4988 Circuit





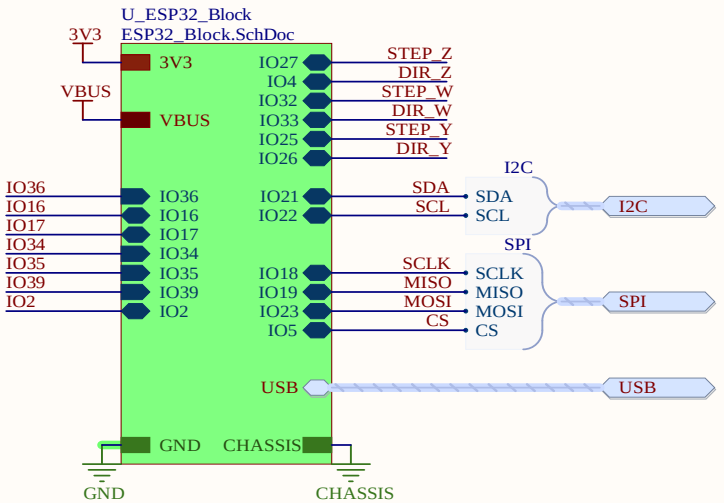




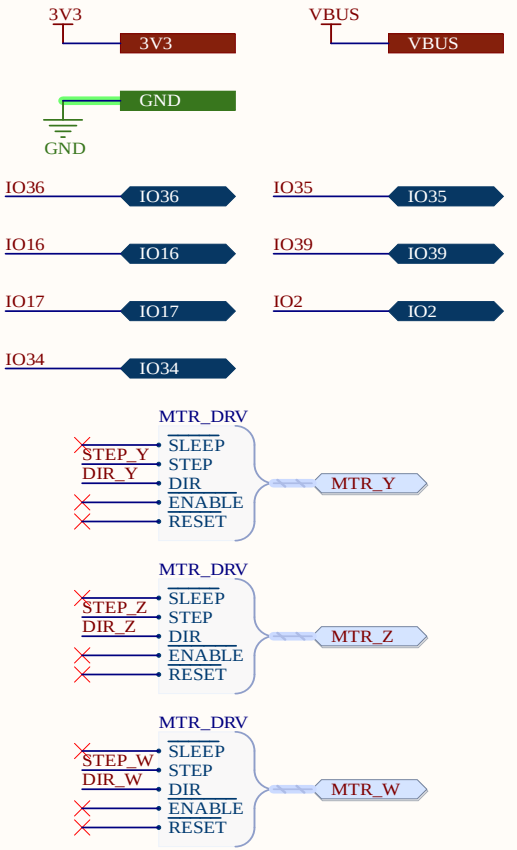
Title: **Lens-Maker**	
Page Contents: A4988.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 4 of 11

ESP32 Module

ESP32 Module



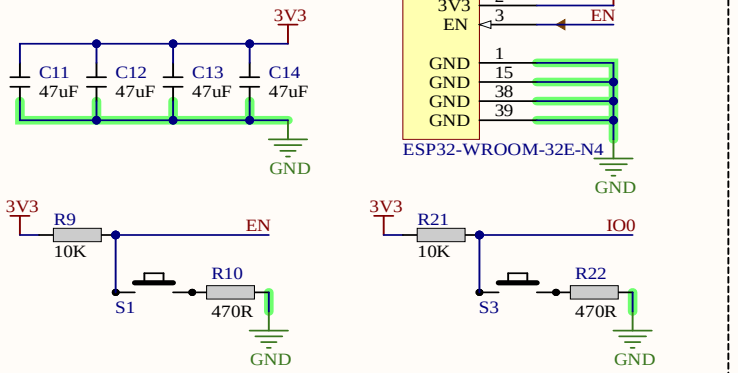
Power Domains & Harness



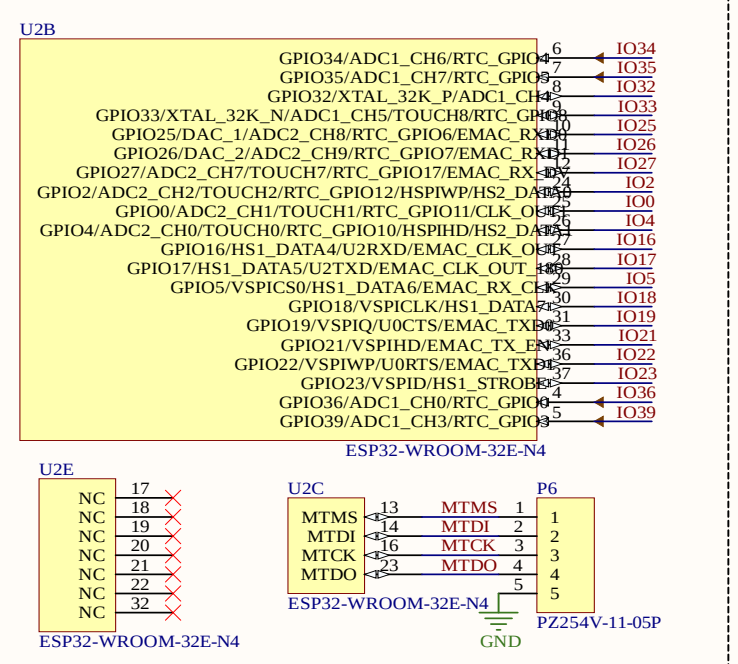
Title: **Lens-Maker**	
Page Contents: ESP32_Module.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 5 of 11

ESP32 Block

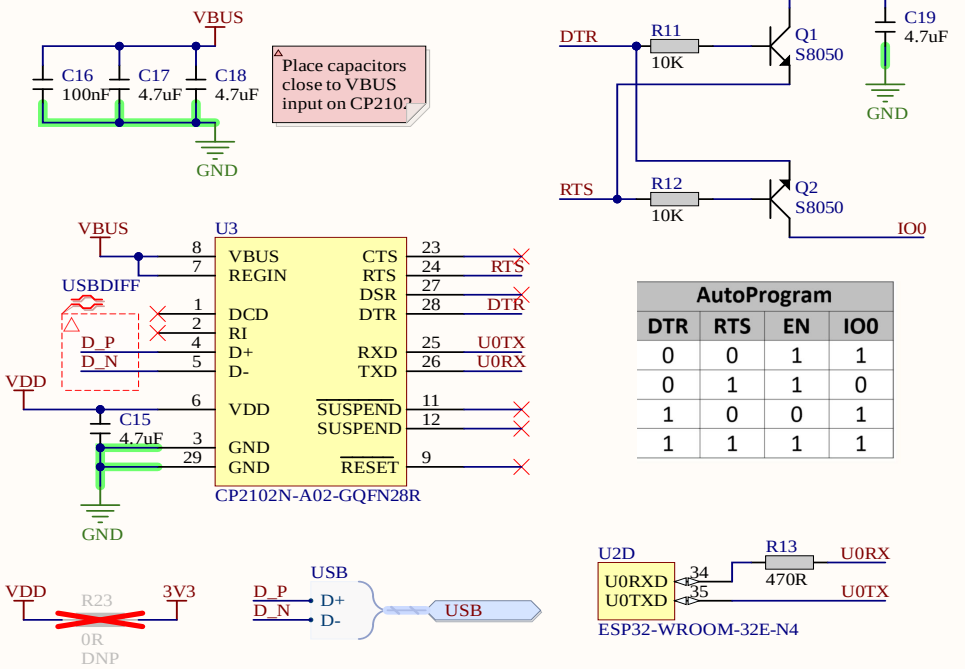
Power



ESP32 GPIOs and JTAG

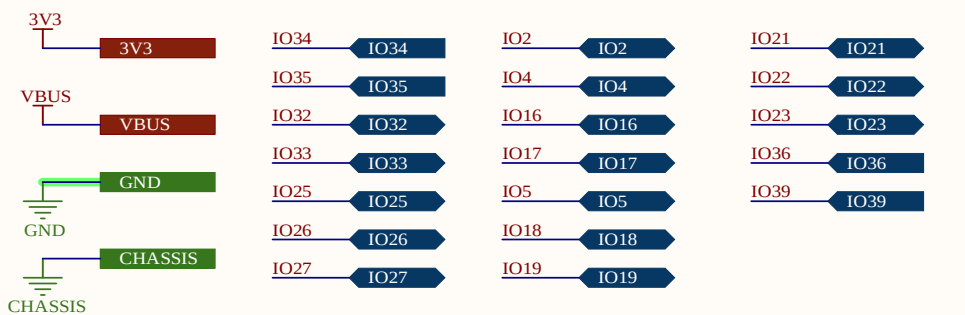


USB-C to TTL



AutoProgram			
DTR	RTS	EN	IO0
0	0	1	1
0	1	1	0
1	0	0	1
1	1	1	1

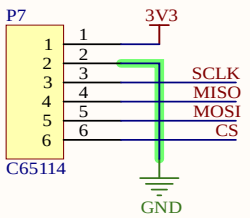
Power Domains and Ports



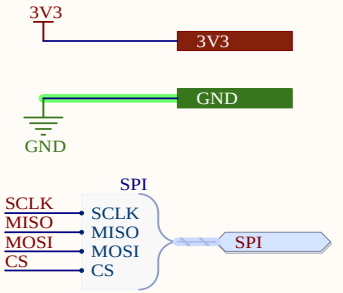
Title: **Lens-Maker**	
Page Contents: ESP32_Block.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 6 of 11

SPI Connector

Header



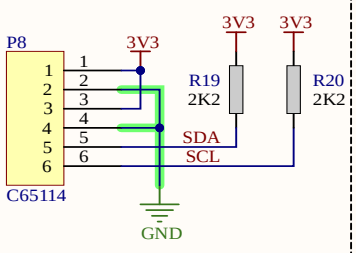
Power Domains & Harness



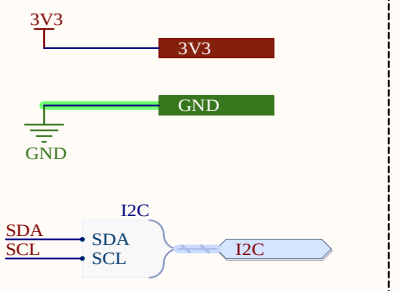
Title: **Lens-Maker**	
Page Contents: SPI_Header.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 7 of 11

I2C Connector

Header



Power Domains & Harness



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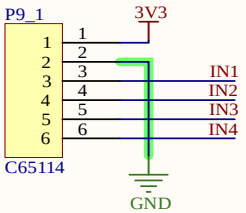
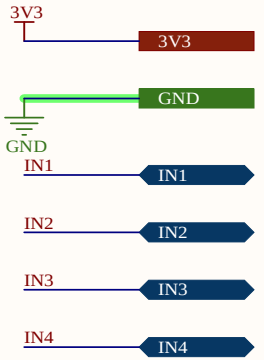
Page Contents: I2C_Header.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 8 of 11

GPIO Connector

Header



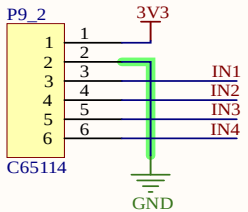
Power Domains & Harness



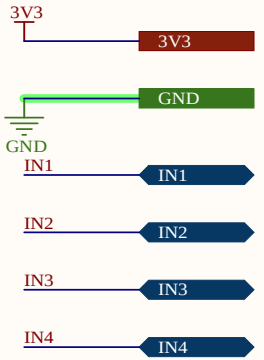
Title: **Lens-Maker**	
Page Contents: GPIO_Header.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 9 of 11

GPIO Connector

Header



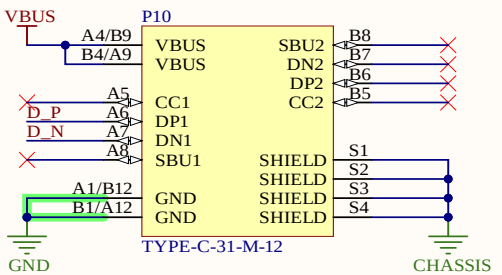
Power Domains & Harness



Title: **Lens-Maker**	
Page Contents: GPIO_Header.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 9 of 11

USB Connector

USB Connector



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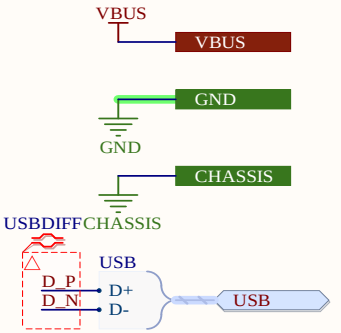

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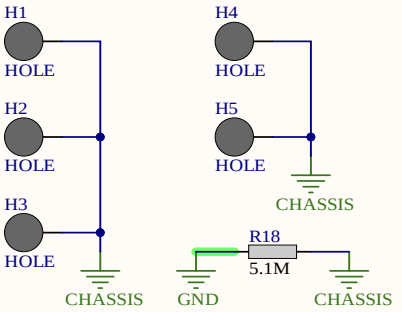
Page Contents: USB_Connector.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 10 of 11

Mechanical Holes

Mechanical Holes



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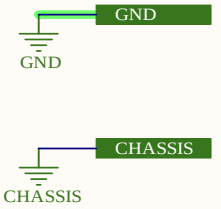

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Page Contents: Mechanical_Holes.SchDoc	
Drawn By: Ian C. Diaz	Checked By: No Reviewer
Size: A4	Revision: A.00
Date: 13/05/2023	Sheet 11 of 11