

Sheet: /			
File: mobo.sch	FID1 Fiducial	H1 MountingHole	H3 MountingHole
Title: Index Mobo			
Size: A4	FID2 Fiducial	H2 MountingHole	H4 MountingHole
Date: 2021-02-19			Rev: 003
KiCad E.D.A.	eeschema 5.1.9+dfsg1-1bpo10+1		Id: 1/16

Sheet: Motor X
X_END >> EN MIS0 >> MISO
X_STEP >> STEP MOSI << MOSI
X_DIR >> DIR SCK << SCK
CS << CS_UART

File: motor.sch

Sheet: Motor AUX
A_END >> EN MIS0 >> MISO
A_STEP >> STEP MOSI << MOSI
A_DIR >> DIR SCK << SCK
CS_UART << CS_UART

File: dual_motors.sch

Sheet: Motor Z
Z_END >> EN MIS0 >> MISO
Z_STEP >> STEP MOSI << MOSI
Z_DIR >> DIR SCK << SCK
CS << CS_UART

File: motor.sch

Sheet: Motor Y
Y_END >> EN MIS0 >> MISO
Y_STEP >> STEP MOSI << MOSI
Y_DIR >> DIR SCK << SCK
CS_UART << CS_UART

File: dual_motors.sch

Sheet: Motor Left
L_END >> EN MIS0 >> MISO
L_STEP >> STEP MOSI << MOSI
L_DIR >> DIR SCK << SCK
CS << CS_UART

File: motor.sch

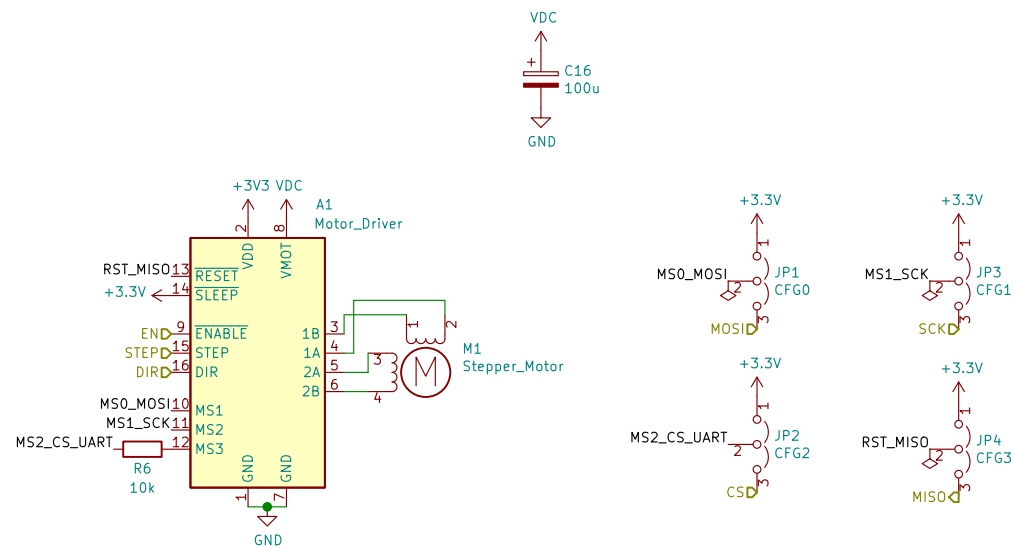
Sheet: Motor Right
R_END >> EN MIS0 >> MISO
R_STEP >> STEP MOSI << MOSI
R_DIR >> DIR SCK << SCK
CS << CS_UART

File: motor.sch

Sheet: /motor_control/
File: motor_control.sch

Title: Motors

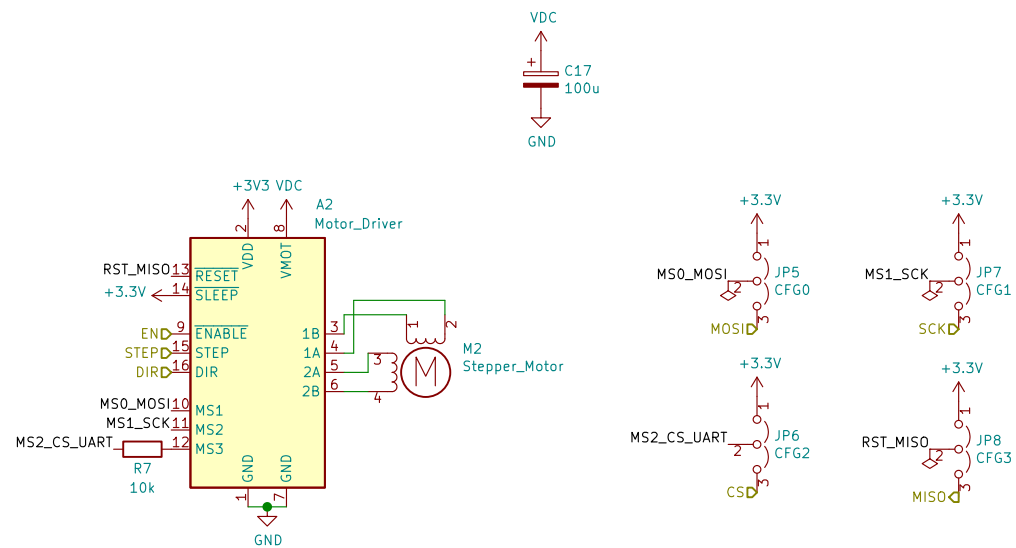
Size: A4	Date: 2021-02-19	Rev: 003
KiCad E.D.A. eeschema 5.1.9+dfsg1-1bpo10+1		Id: 2/16



Sheet: /motor_control/Motor X/
File: motor.sch

Title: Motor

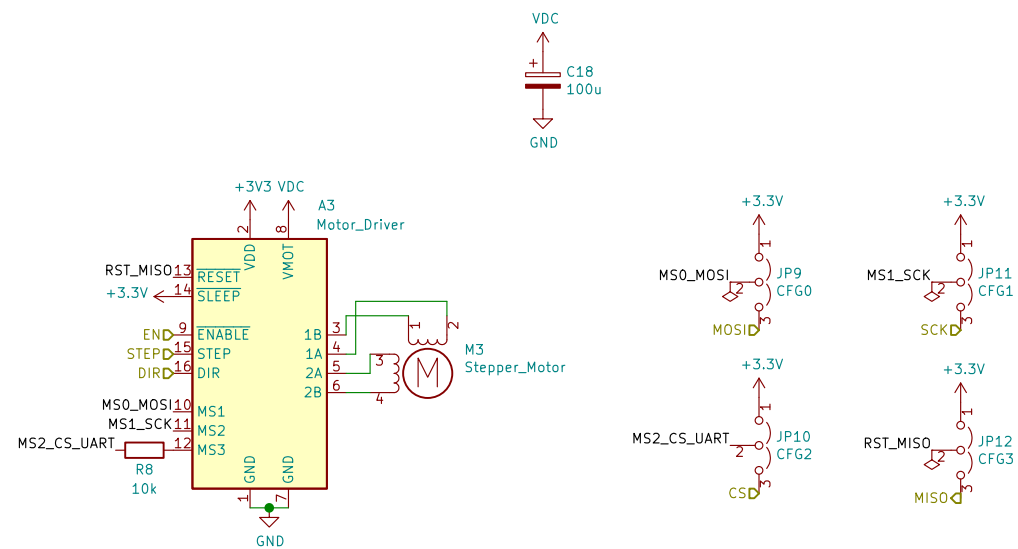
Size: A4	Date: 2021-02-19	Rev: 003
KiCad E.D.A. eeschema 5.1.9+dfsg1-1bpo10+1		Id: 3/16



Sheet: /motor_control/Motor Z/
File: motor.sch

Title: Motor

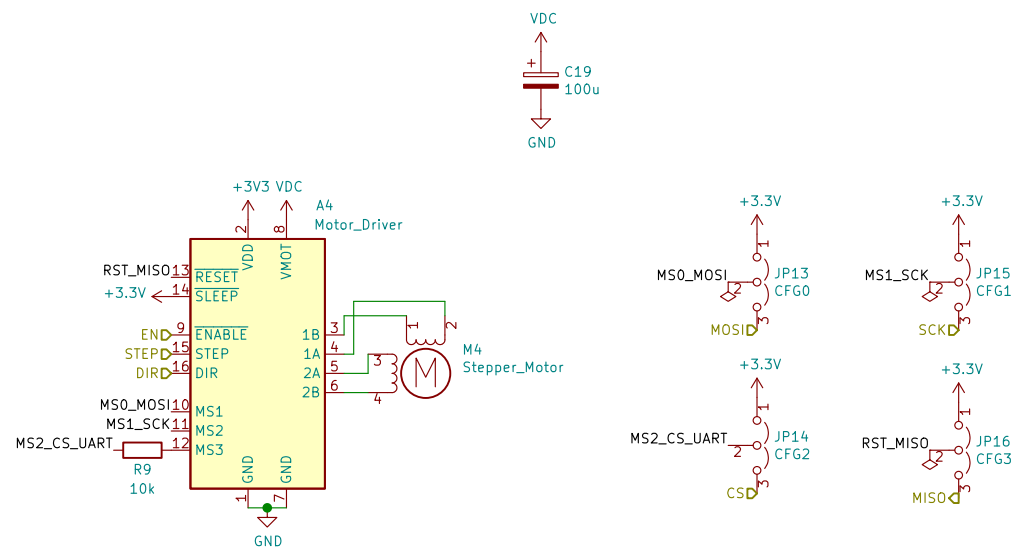
Size: A4	Date: 2021-02-19	Rev: 003
KiCad E.D.A. eeschema 5.1.9+dfsg1-1bpo10+1		Id: 4/16



Sheet: /motor_control/Motor Left/
File: motor.sch

Title: Motor

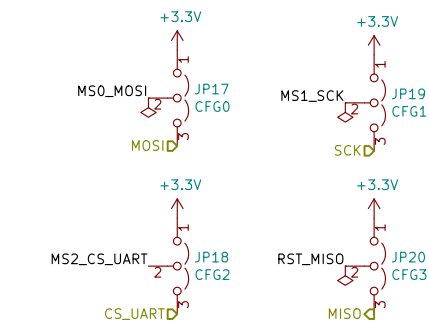
Size: A4	Date: 2021-02-19	Rev: 003
KiCad E.D.A. eeschema 5.1.9+dfsg1-1bpo10+1		Id: 5/16



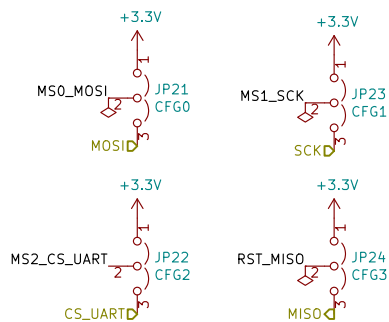
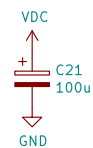
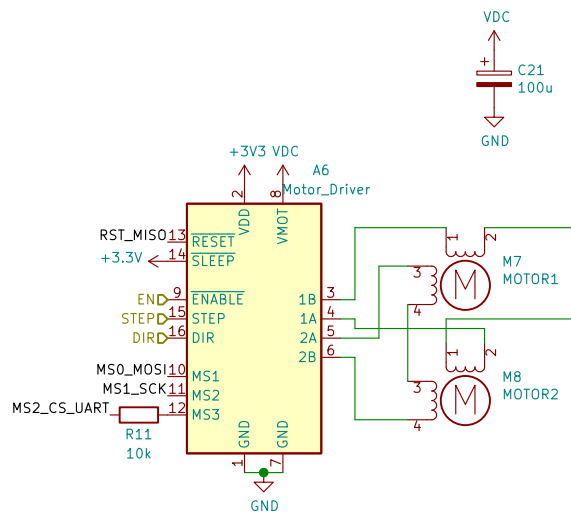
Sheet: /motor_control/Motor Right/
File: motor.sch

Title: Motor

Size: A4	Date: 2021-02-19	Rev: 003
KiCad E.D.A. eeschema 5.1.9+dfsg1-1bpo10+1		Id: 6/16



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Sheet: /motor_control/Motor Y/
 File: dual_motors.sch

Title:

Size: A4

Date:

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Rev:

Id: 8/16

GND 3 J4
+3.3V 2 X_LIMIT
X_LIMIT 1

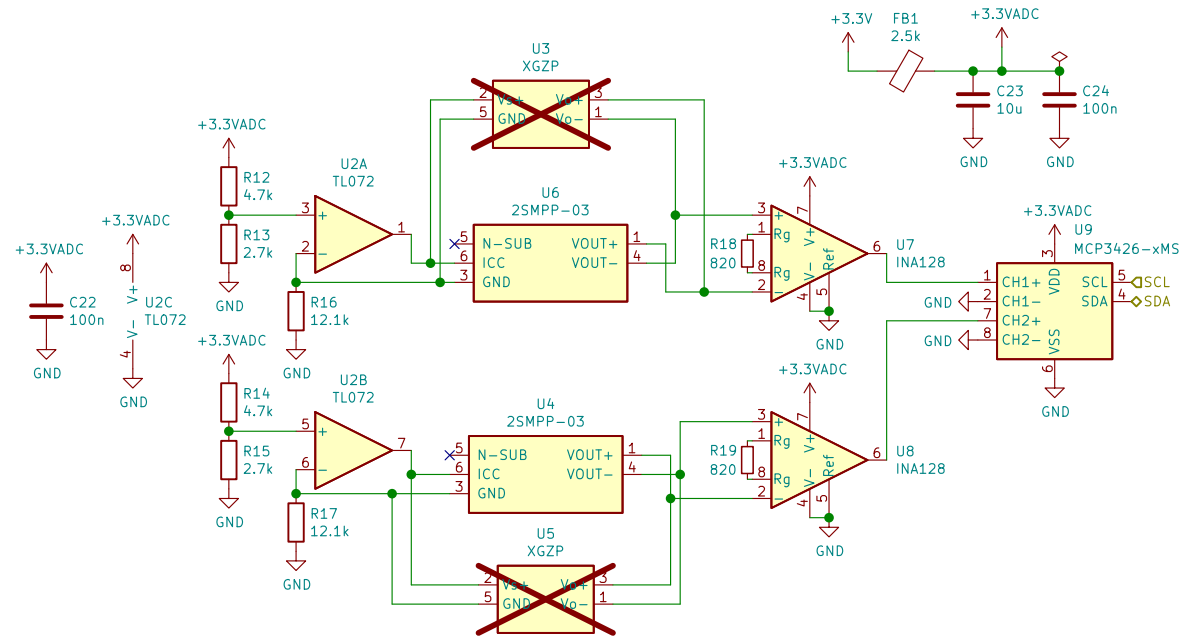
GND 3 J5
+3.3V 2 Y_LIMIT
Y_LIMIT 1

GND 3 J6
+3.3V 2 Z_LIMIT
Z_LIMIT 1

GND 3 J7
+3.3V 2 L_LIMIT
L_LIMIT 1

GND 3 J8
+3.3V 2 R_LIMIT
R_LIMIT 1

GND 3 J9
+3.3V 2 A_LIMIT
A_LIMIT 1

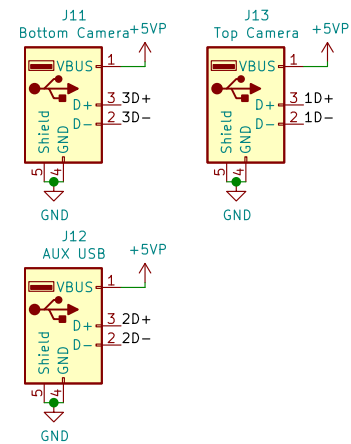
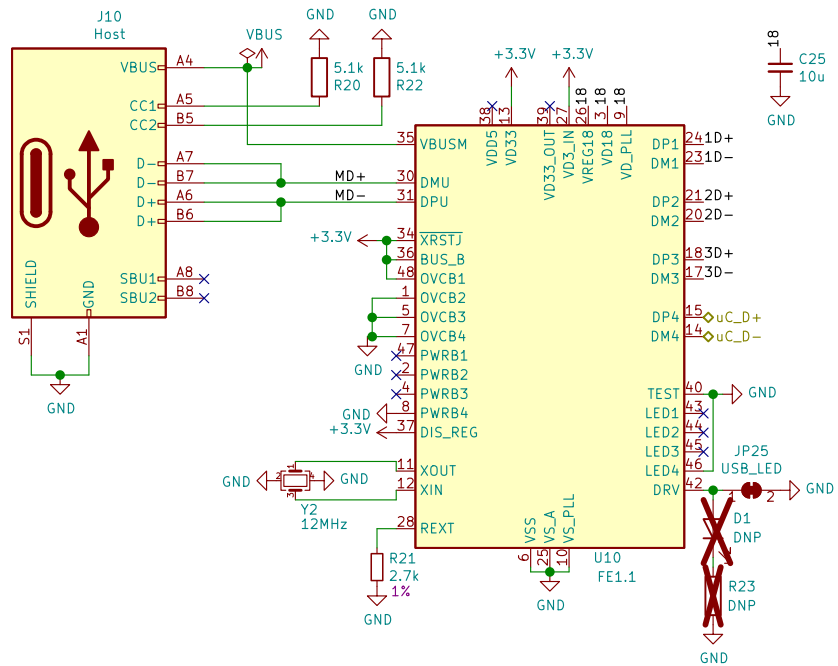


Sheet: /misc_input/
File: misc_input.sch

Title: Index Mobo

Size: A4 Date: 2021-02-19
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Sheet: /usb/
File: usb.sch

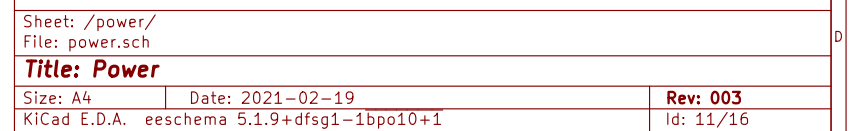
Title: Index Mobo

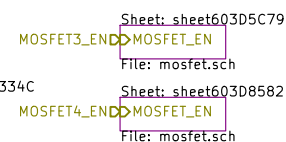
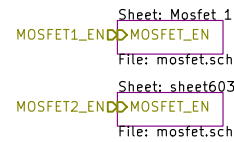
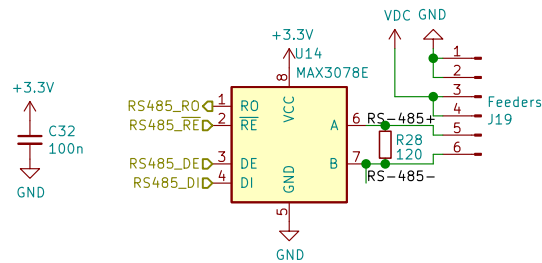
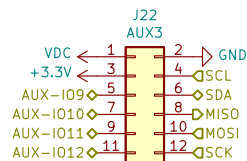
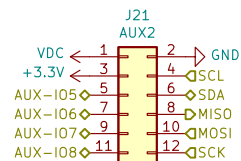
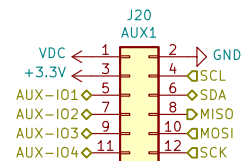
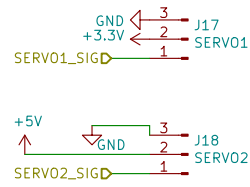
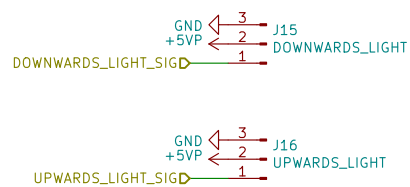
Size: A4 Date: 2021-02-19

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Sheet: /misc_output/
File: misc_output.sch

Title: Output

Size: A4 Date: 2021-02-19
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