

Sheet: Motor X
X_END >> EN MIS0 >> MISO
X_STEP >> STEP MOSI << MOSI
X_DIR >> DIR SCK << SCK
CS << X_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 << A_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 << Z_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 << Y_CS_UART
File: dual_motors.sch

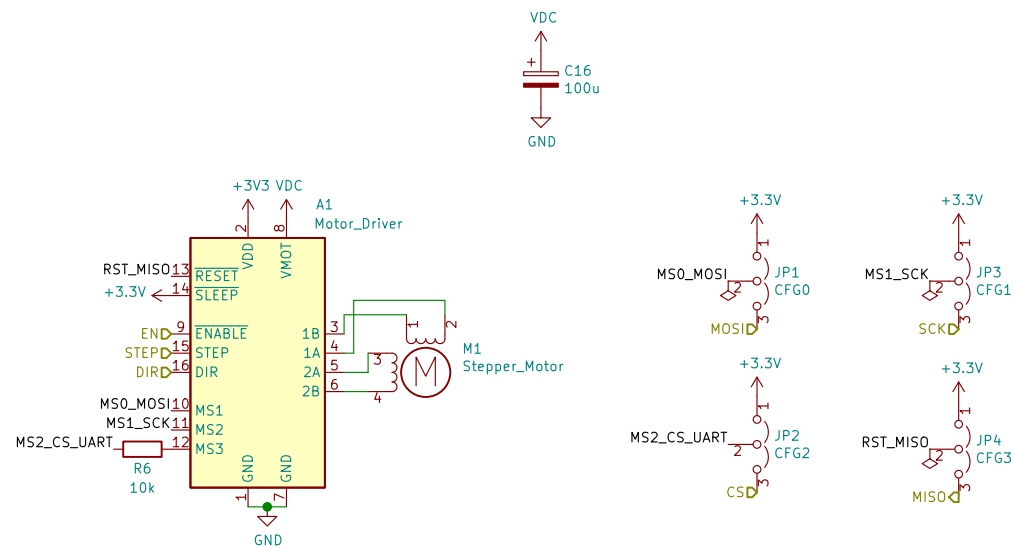
Sheet: Motor Left
L_END >> EN MIS0 >> MISO
L_STEP >> STEP MOSI << MOSI
L_DIR >> DIR SCK << SCK
CS << L_CS_UART
File: motor.sch

Sheet: Motor Right
R_END >> EN MIS0 >> MISO
R_STEP >> STEP MOSI << MOSI
R_DIR >> DIR SCK << SCK
CS << R_CS_UART
File: motor.sch

Sheet: /motor_control/
File: motor_control.sch

Title: Motors

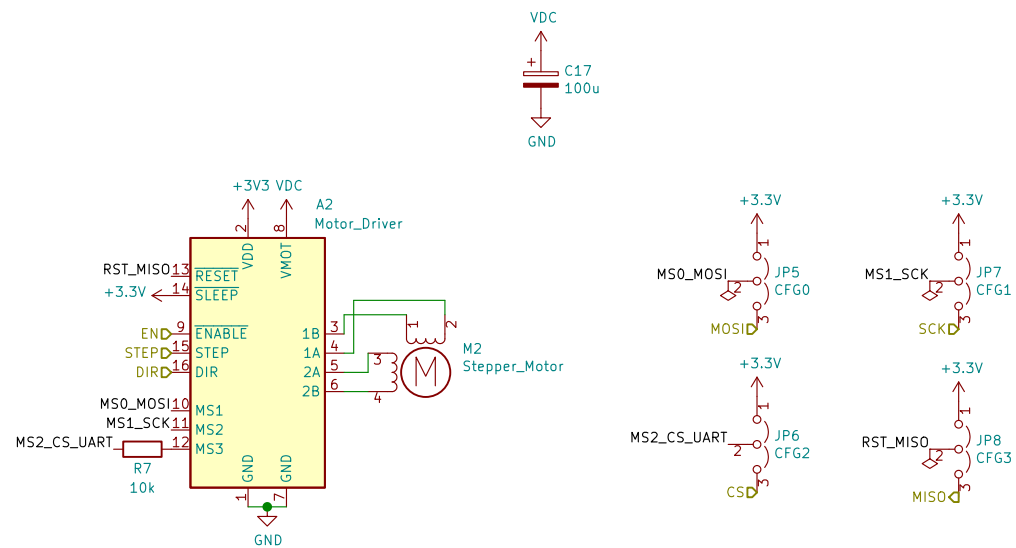
Size: A4	Date: 2021-02-19	Rev: 003
KiCad E.D.A. eeschema 5.1.9+dfsg1-1bpo10+1		Id: 2/16



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

Title: Motor

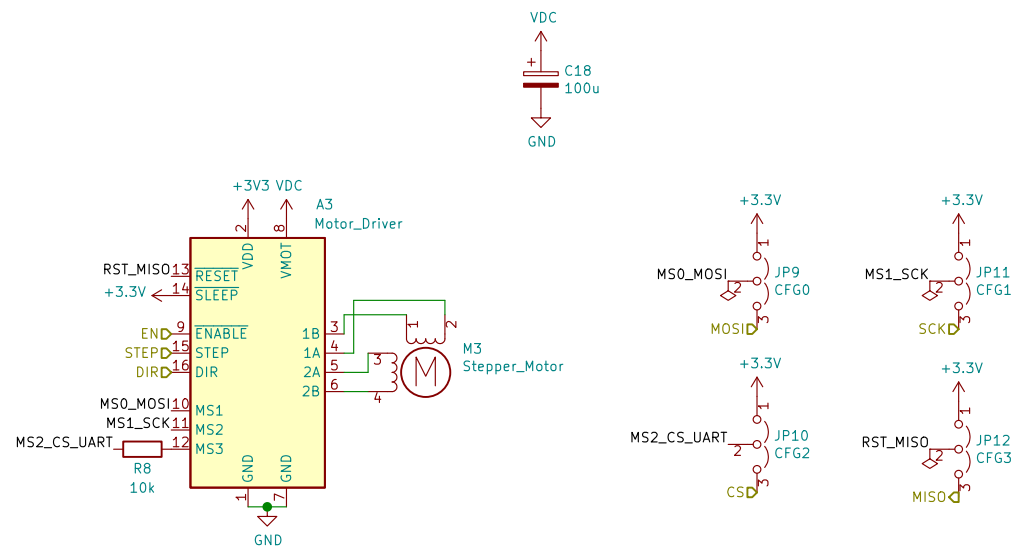
Size: A4	Date: 2021-02-19	Rev: 003
KiCad E.D.A. eeschema 5.1.9+dfsg1-1bpo10+1		Id: 3/16



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

Title: Motor

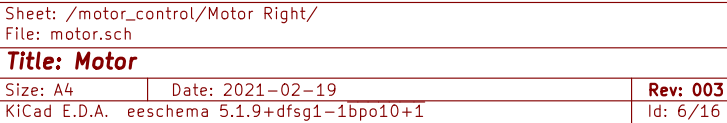
Size: A4	Date: 2021-02-19	Rev: 003
KiCad E.D.A. eeschema 5.1.9+dfsg1-1bpo10+1		Id: 4/16

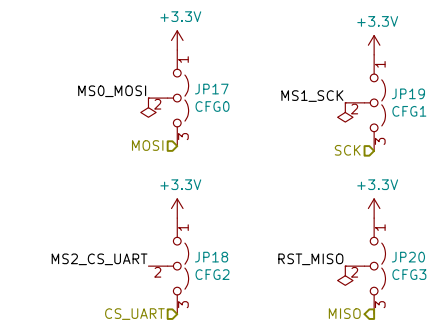


Sheet: /motor_control/Motor Left/
File: motor.sch

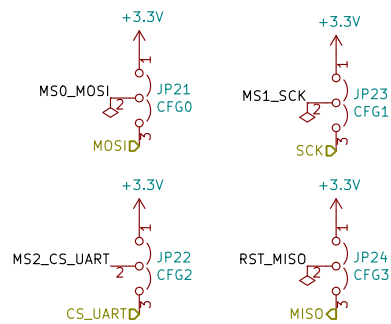
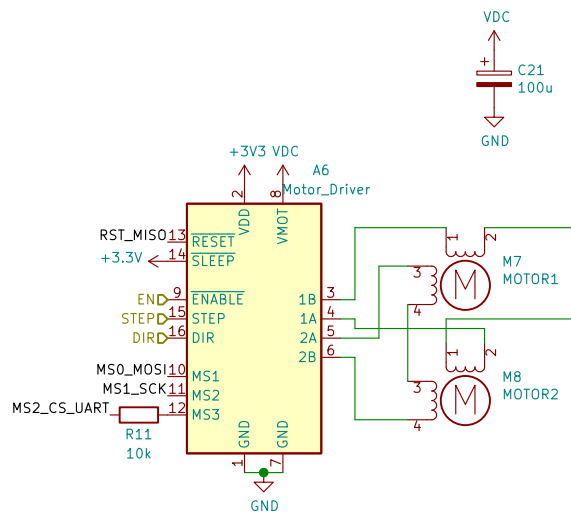
Title: Motor

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





Rev:
Id: 7/16



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

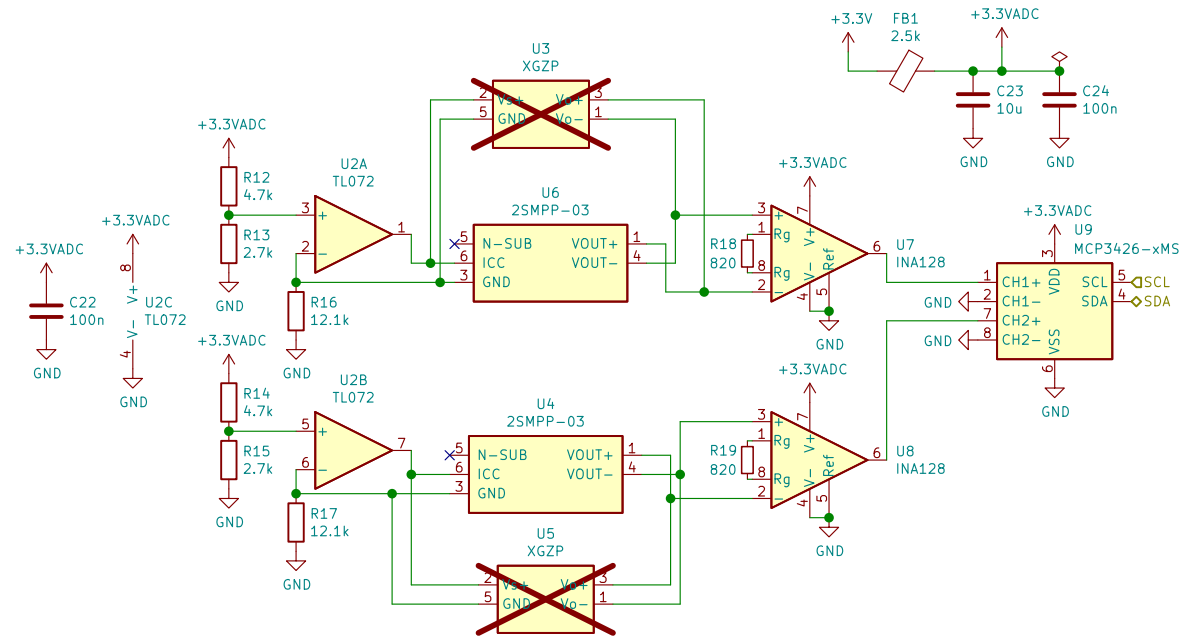
GND 3 J5
+3.3V 2 Y_LIMIT
Y_LIMIT 1

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

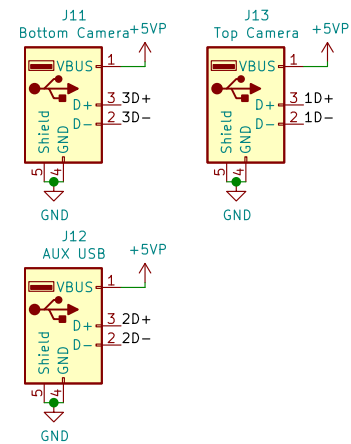
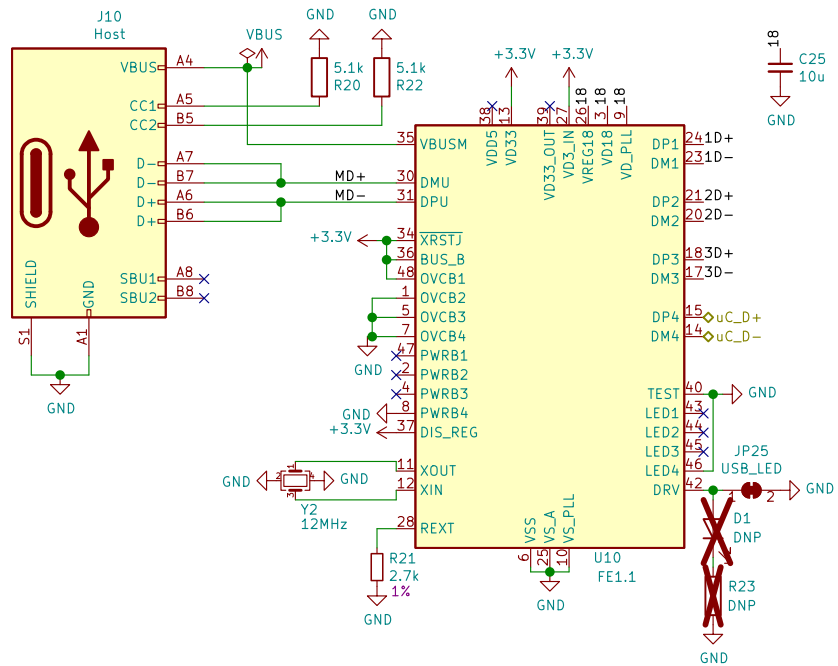
Title: Index Mobo

Size: A4 Date: 2021-02-19

KiCad E.D.A. eeschema 5.1.9+dfsg1-1bpo10+1

Rev: 003

Id: 9/16

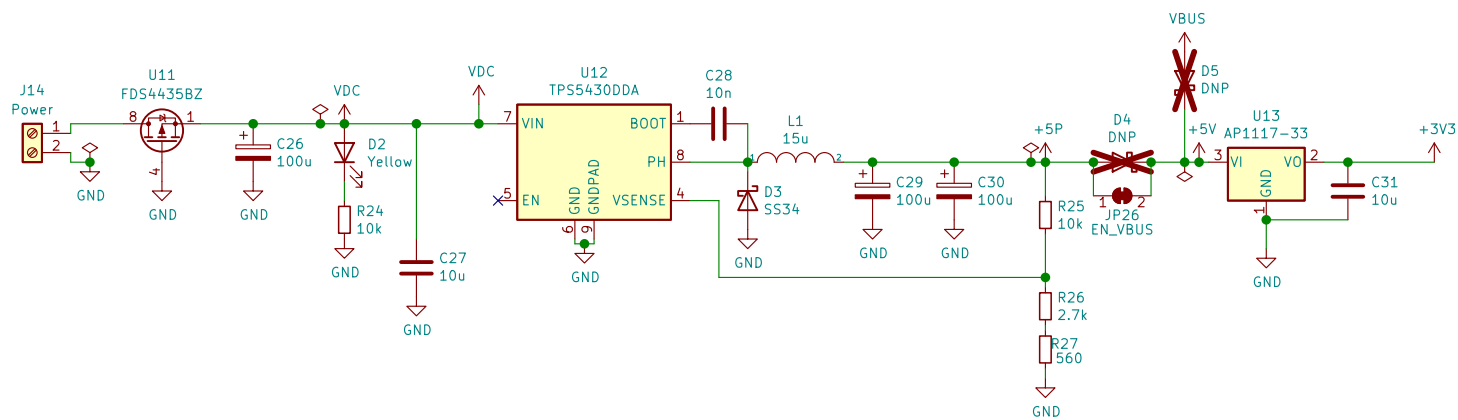


Sheet: /usb/
File: usb.sch

Title: Index Mobo

Size: A4 Date: 2021-02-19
KiCad E.D.A. eeschema 5.1.9+dfsg1-1bpo10+1

Rev: 003
Id: 10/16



Sheet: /power/	
File: power.sch	
Title: Power	
Size: A4	Date: 2021-02-19
KiCad E.D.A. eeschema 5.1.9+dfsg1-1bpo10+1	Rev: 003
Id: 11/16	

