

L9110 driver chips supports DC voltages from 2.5 to 12 V, caters continuous current of 800 mA, and has a maximum peak current of 1.5 to 2 A

L9110 as single VCC for both control logic and motor driver circuits

we can run the module from a 3-V DC supply for 3-V DC motors and from 5 V for 5-V DC motors

IA = PWM (or not) for speed control

IB = direction (forward / reverse) control.

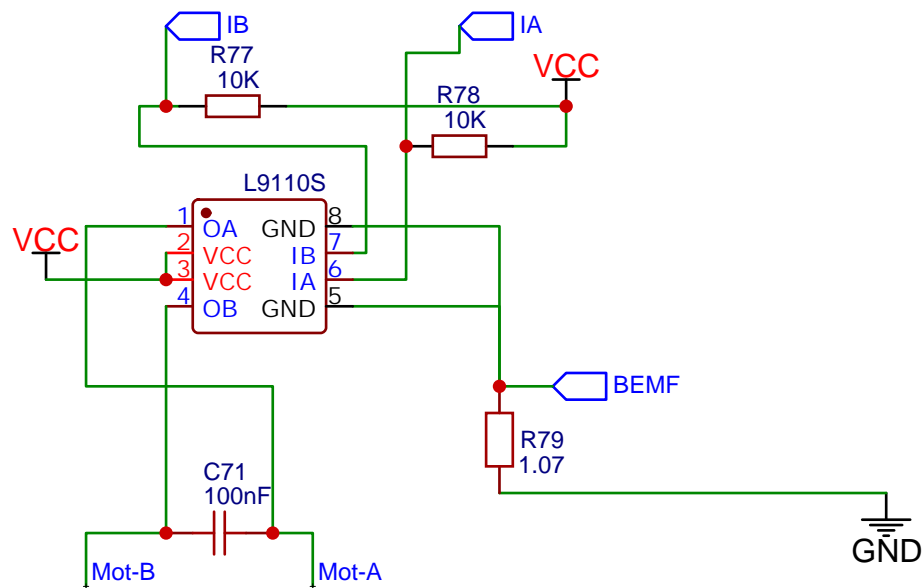
BEMF = back electromotive force (used as endstop sensor)

VCC = 3.3V or 5V (must be the same as logic controller)

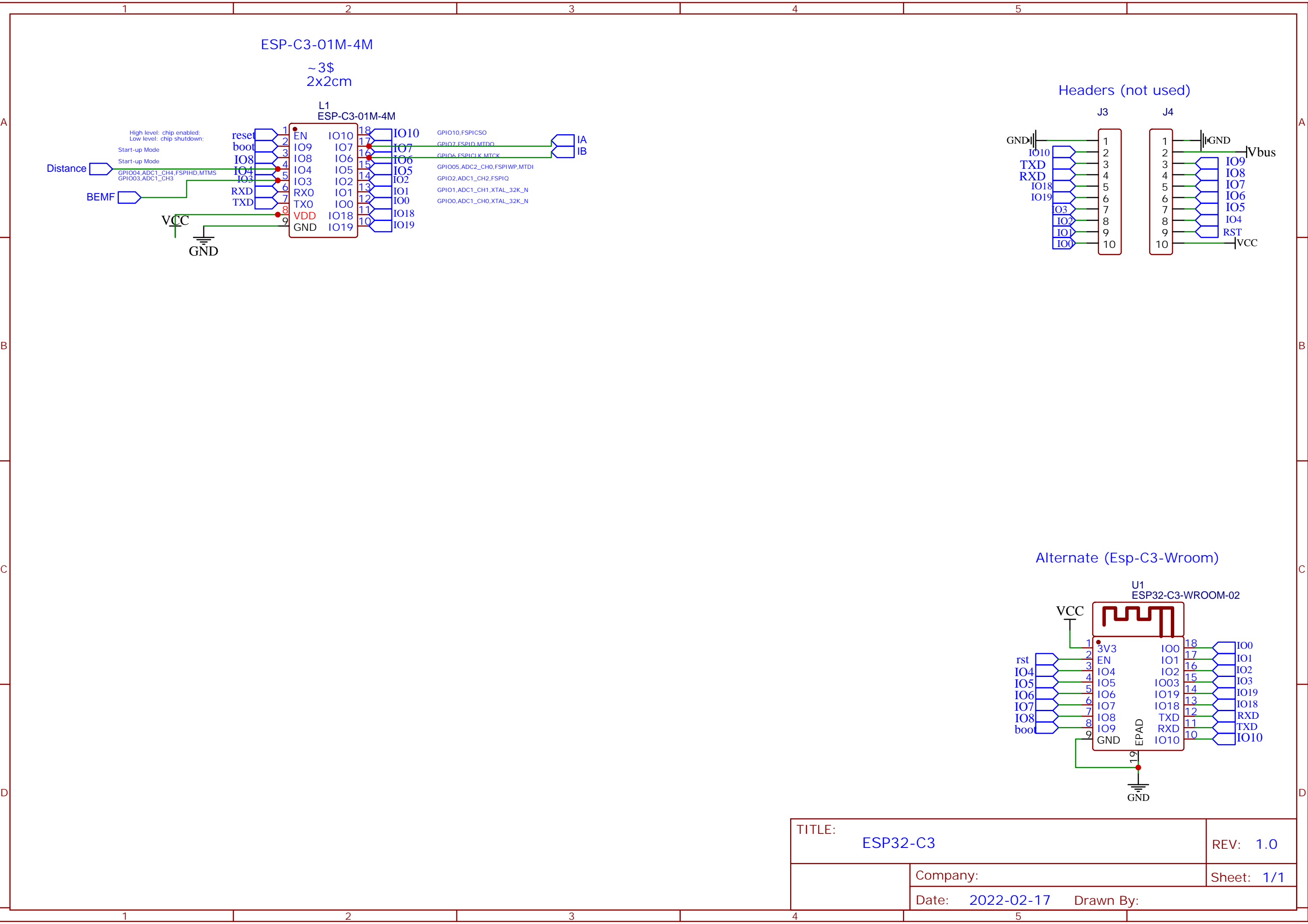
L9110 as single VCC for both control logic and motor driver circuits

So we can run the module from 3.3V controller (ESP) for 3-V DC motors and from 5 V (Arduino) for 5-V DC motors

Caters continuous current of 800 mA, and has a maximum peak current of 1.5 to 2 A



TITLE: L9110s motor controller		REV: 1.0
	Company: Your Company	Sheet: 1/1
	Date: 2022-01-27 Drawn By: nliaudat	

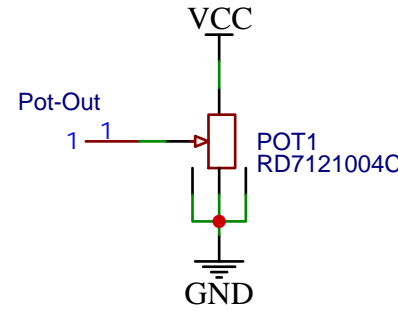


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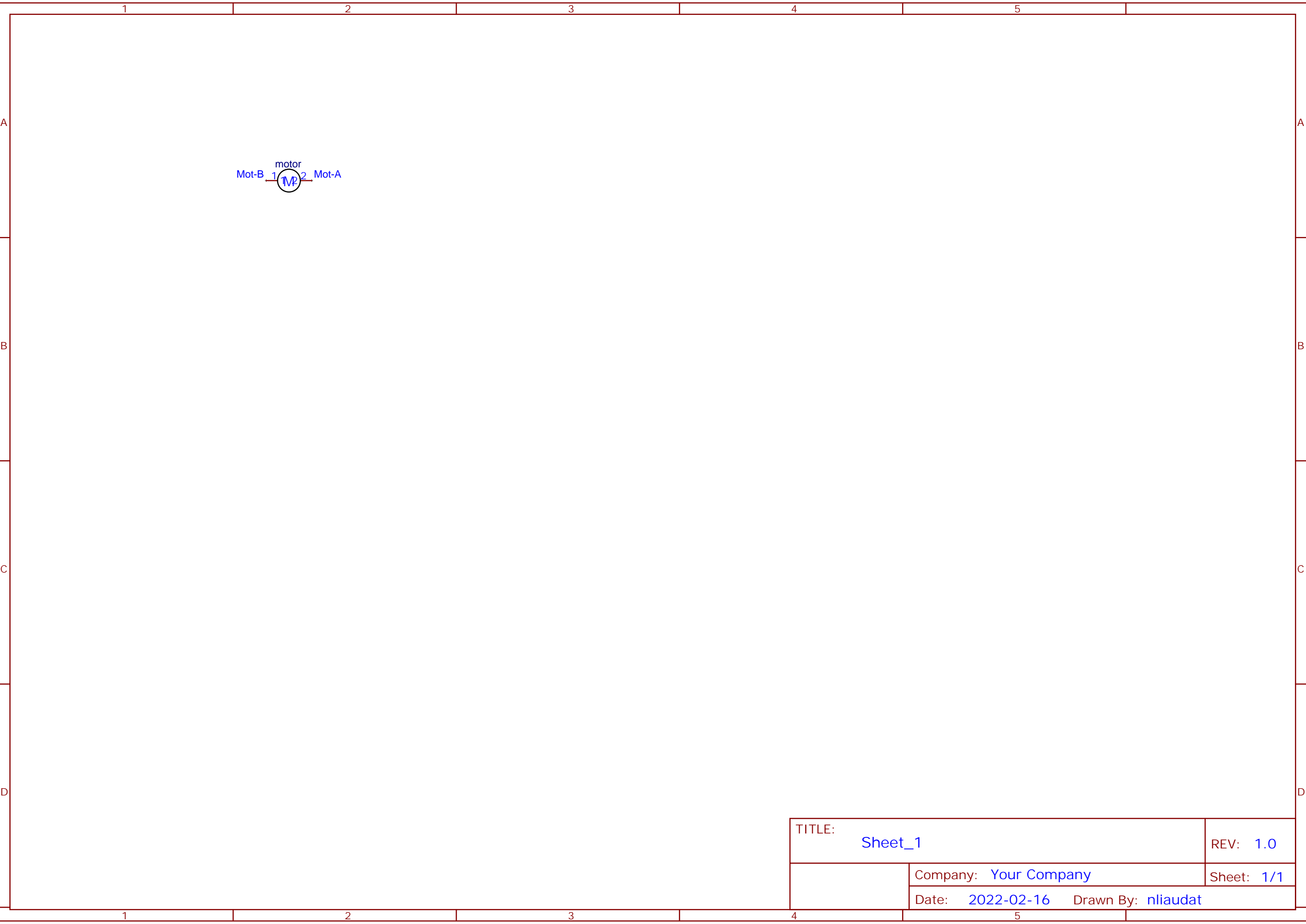
ITR1
ITR8307/S17/TR8(B)

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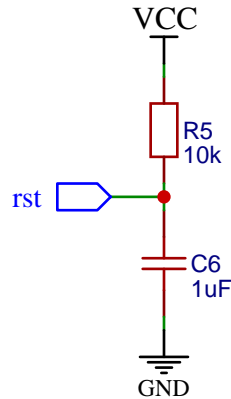
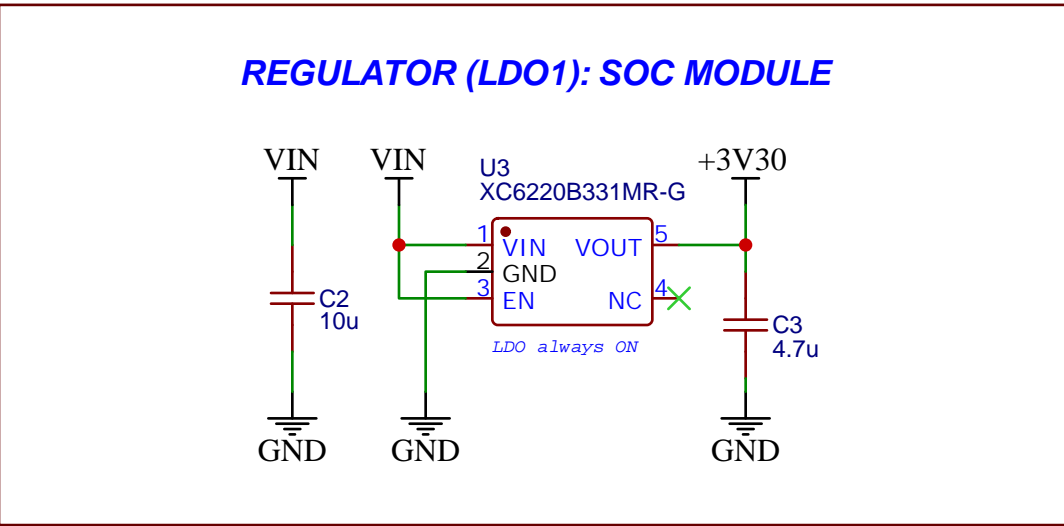
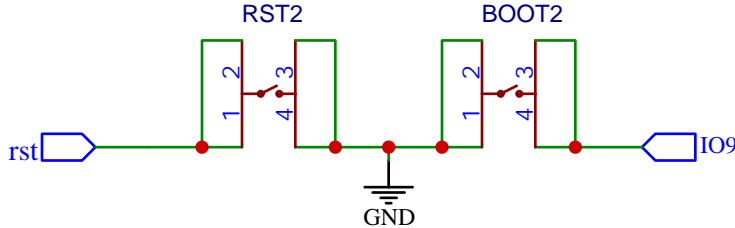
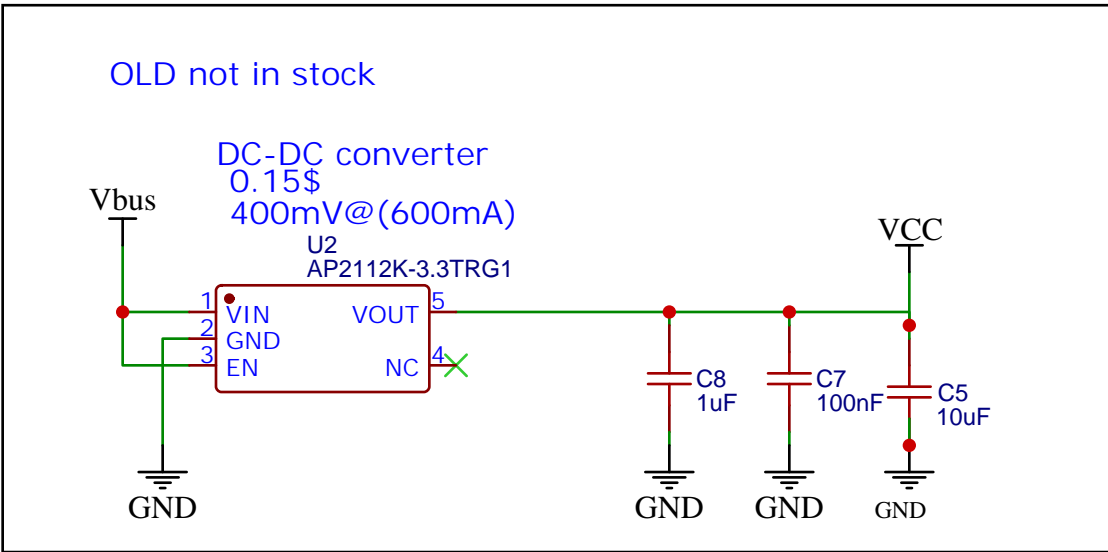
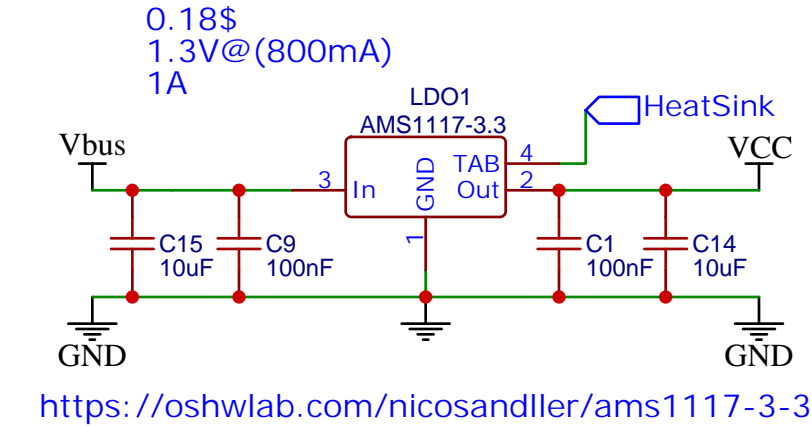
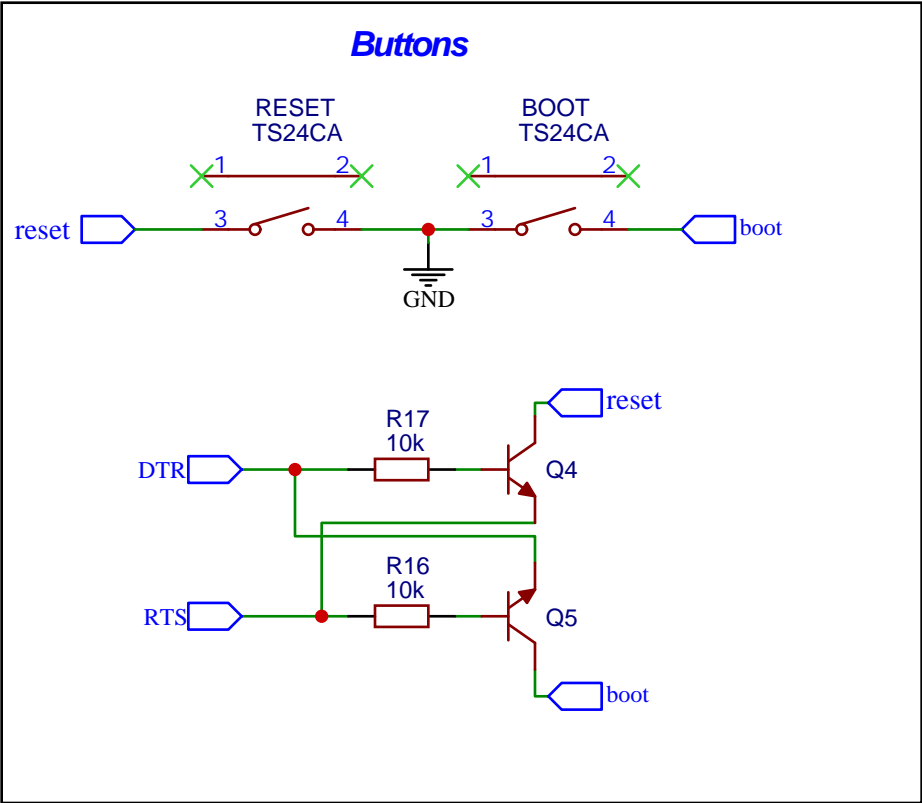
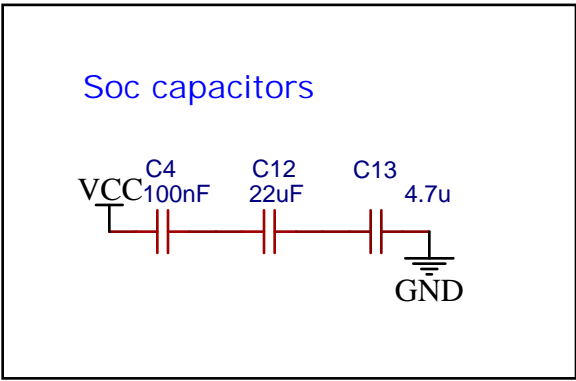
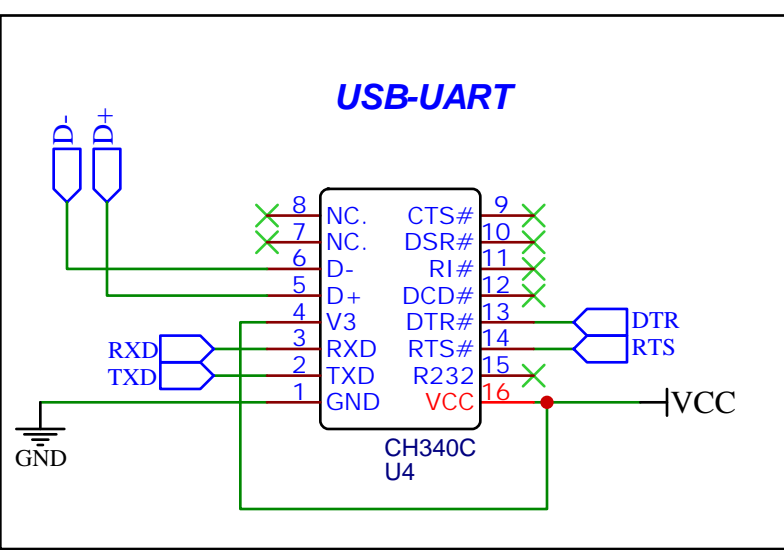
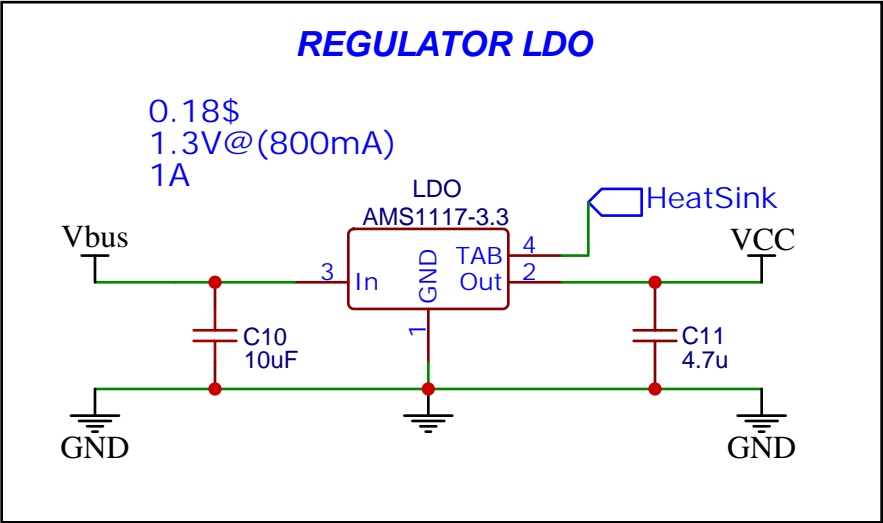
White cotton	110%
Black velvet	1.5%



TITLE: Sheet_1		REV: 1.0
	Company: Your Company	Sheet: 1/1
	Date: 2022-01-25 Drawn By: nliaudat	



TITLE: Sheet_1		REV: 1.0
	Company: Your Company	Sheet: 1/1
Date: 2022-02-16 Drawn By: nliaudat		



TITLE: power		REV: 1.0
Company:		Sheet: 1/1
Date:		Drawn By:

