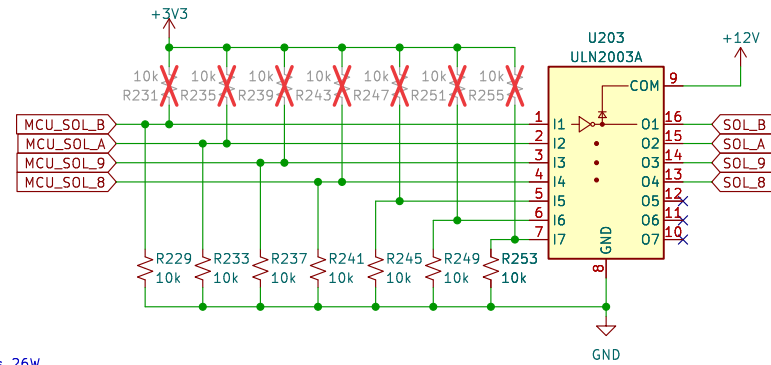
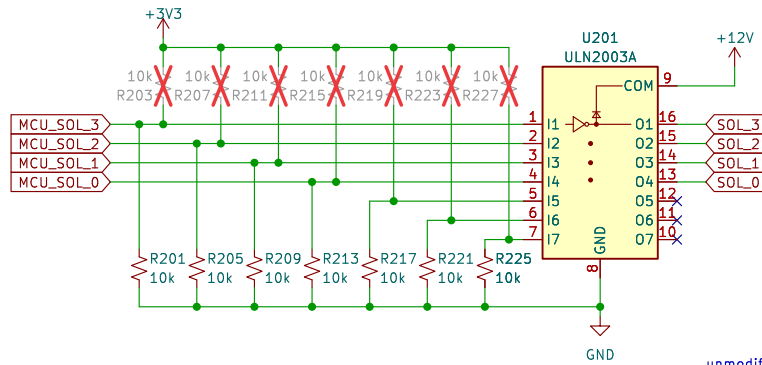
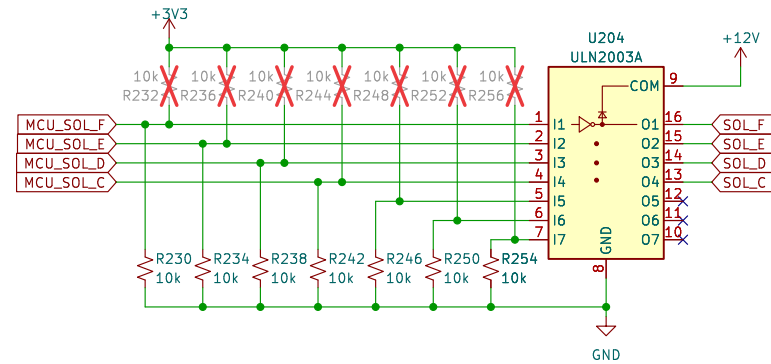
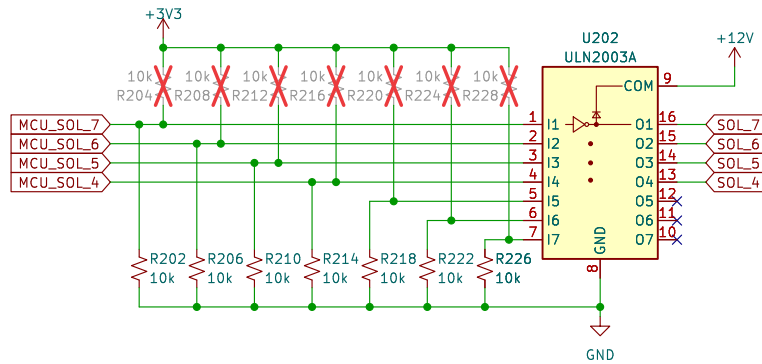


SOLENOIDS	ALIGNMENT	POWER SUPPLY
File: solenoids.kicad_sch	File: alignment.kicad_sch	File: psu.kicad_sch
materi repair lab		
Sheet: /		
File: electronic-knitter.kicad_sch		
Title: MCU & PERIPHERALS		
Size: A4	Date: 2023-04-16	
KiCad E.D.A. kicad 7.0.1-0	Rev: 1.0	
	Id: 1/4	

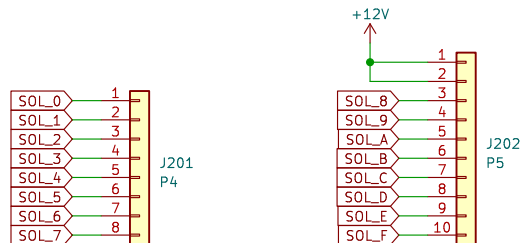
SOLENOID DRIVERS



unmodified machine is 26W
assuming all power is
used by solenoids = 130mA each
ULN2003A dissipation is 500mA



SOLENOID CONNECTORS



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Sheet: /SOLENOIDS/

File: solenoids.kicad_sch

Title: MECHANICAL INTERFACE

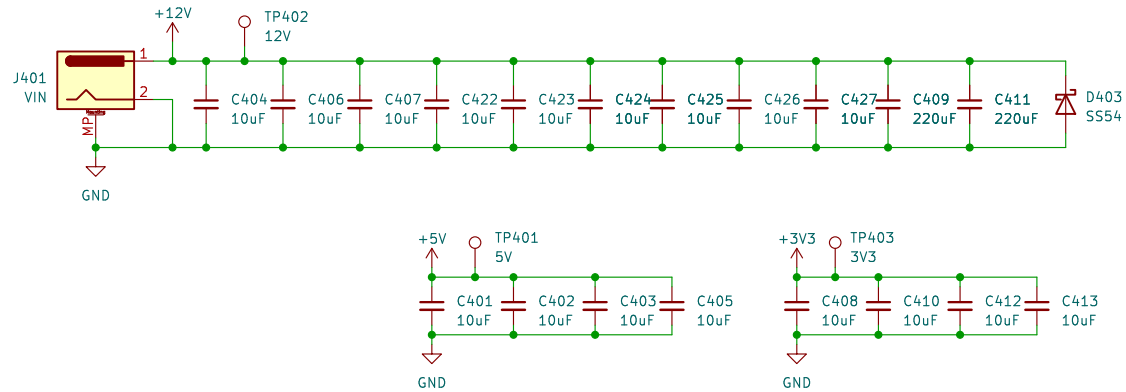
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KiCad E.D.A. kicad 7.0.1-0

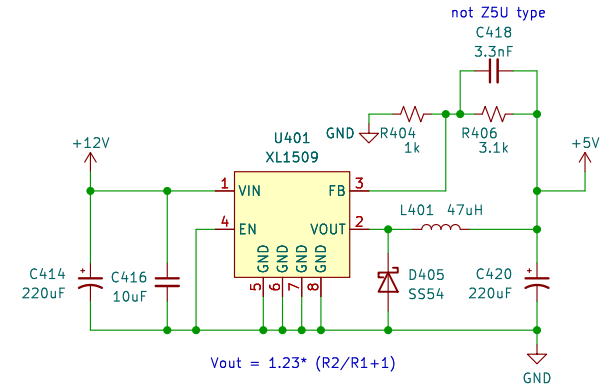
Rev: 1.0

Id: 2/4

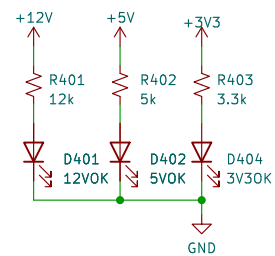
INPUT, FILTERING REVERSE POLARITY PROTECTION



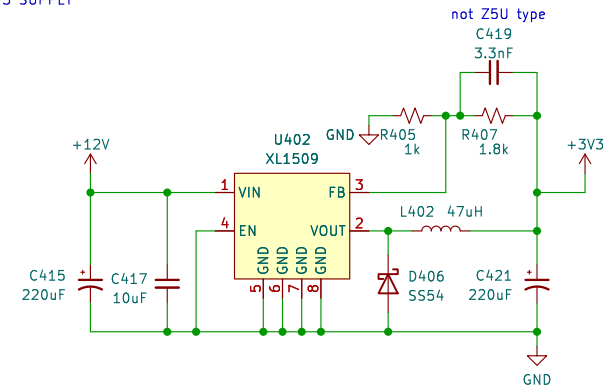
5V SUPPLY



INDICATORS



3V3 SUPPLY



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Sheet: /POWER SUPPLY/

File: psu.kicad_sch

Title: POWER SUPPLY

Size: A4 Date: 2023-04-16

KiCad E.D.A. kicad 7.0.1-0

Rev: 1.0

Id: 4/4