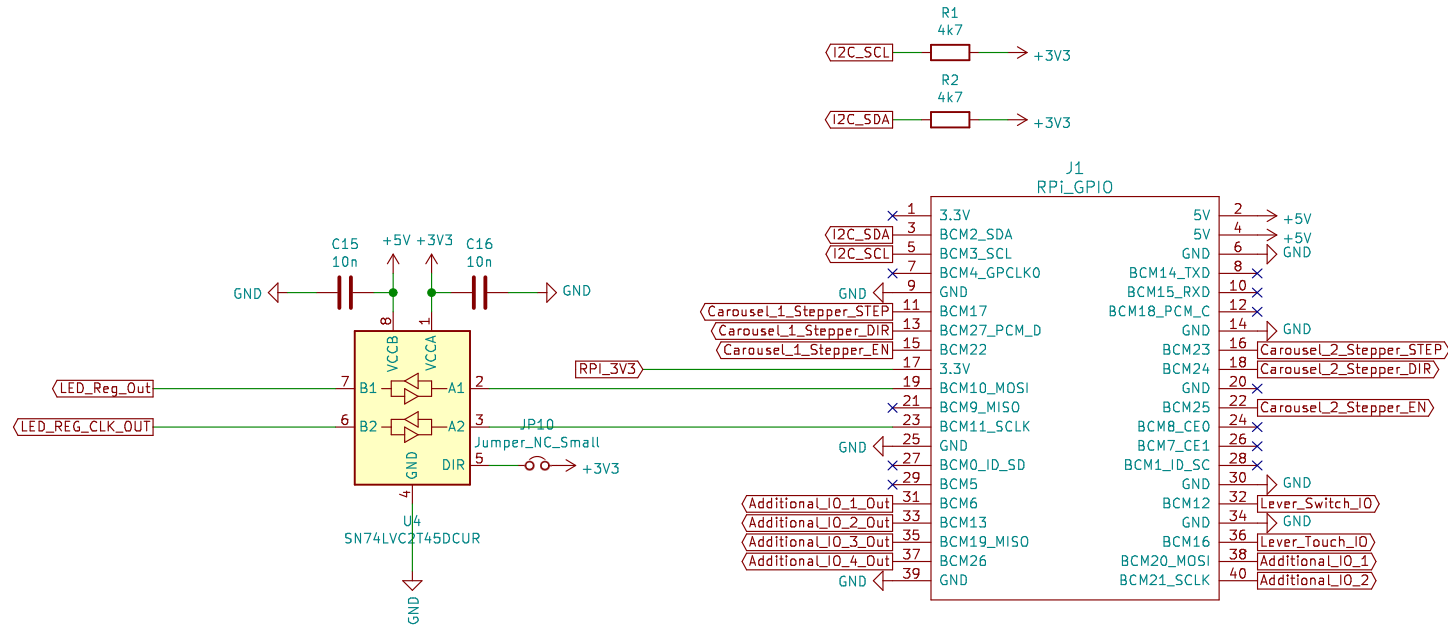


	1	2	3	4	5	6
A	<div>Sheet: RPi_GPIO</div> <div>File: RPi_GPIO.sch</div> <div>Sheet: Shield_IO</div> <div>File: ShIELD_IO.sch</div> <div>Sheet: PWM_Out</div> <div>File: PWM_Out.sch</div> <div>Sheet: Stepper</div> <div>File: stepper.sch</div> <div>Sheet: SupplyPower</div> <div>File: SupplyPower.sch</div>					A
B						B
C						C
D	<div></div> <div>Sheet: /</div> <div>File: monkey-rpi-header-pcb.sch</div> <div>Title:</div> <div>Size: A4</div> <div>Date:</div> <div>KiCad E.D.A. kicad 5.1.10</div> <div>Rev:</div> <div>Id: 1/6</div>					D
	1	2	3	4	5	6



Thru-Hole Connector

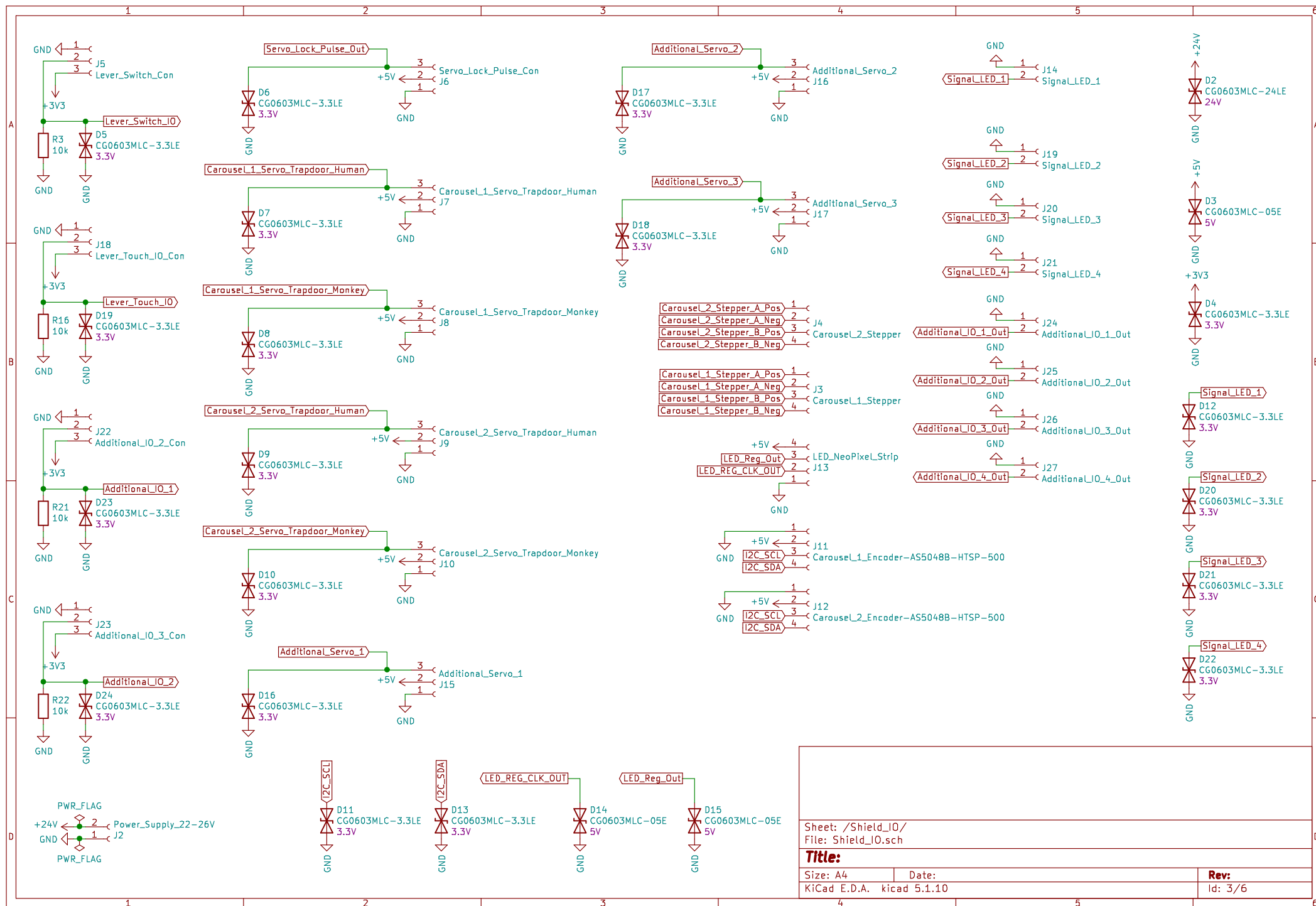
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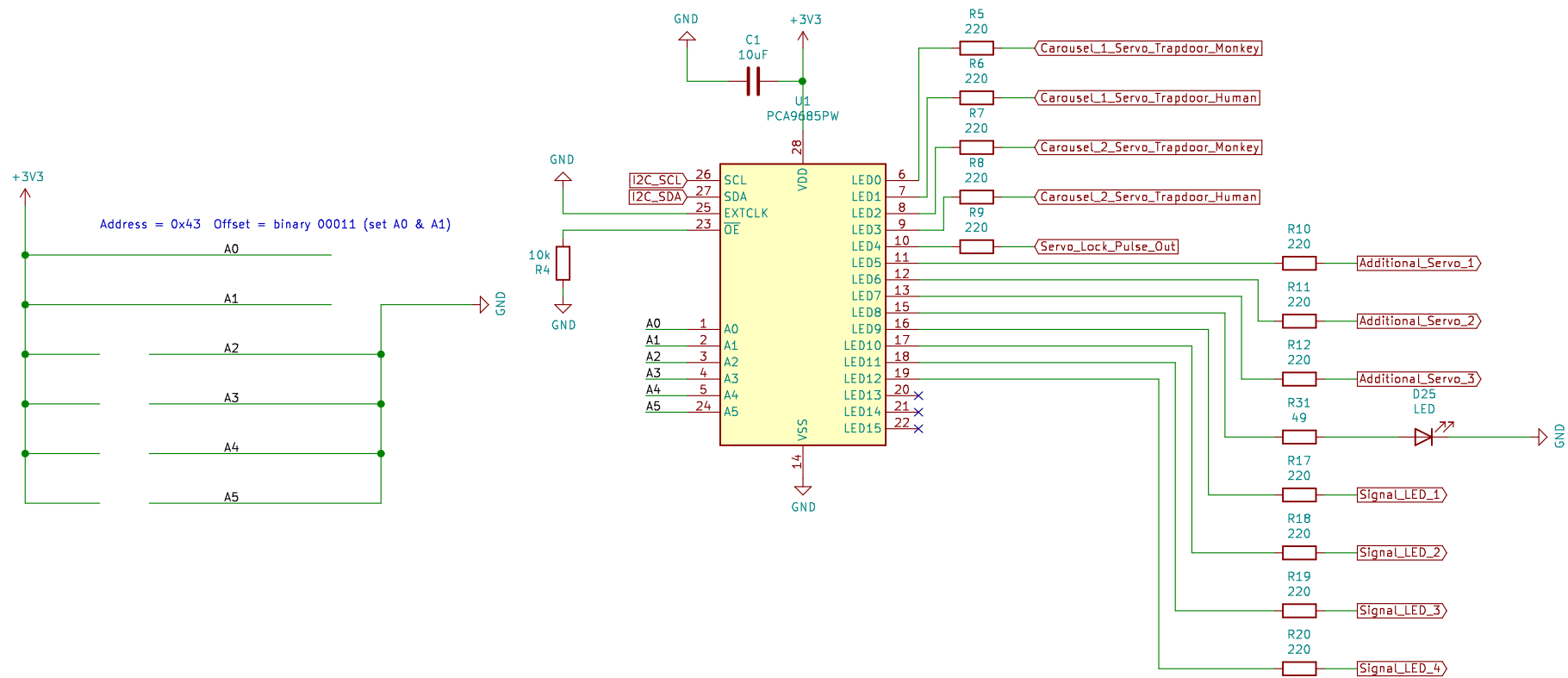
Title:

Size: A4
KiCad E.D.A. kicad 5.1.10

Date:

Rev:
Id: 2/6





Address = 0x43 Offset = binary 00011 (set A0 & A1)

Sheet: /PWM_Out/
File: PWM_Out.sch

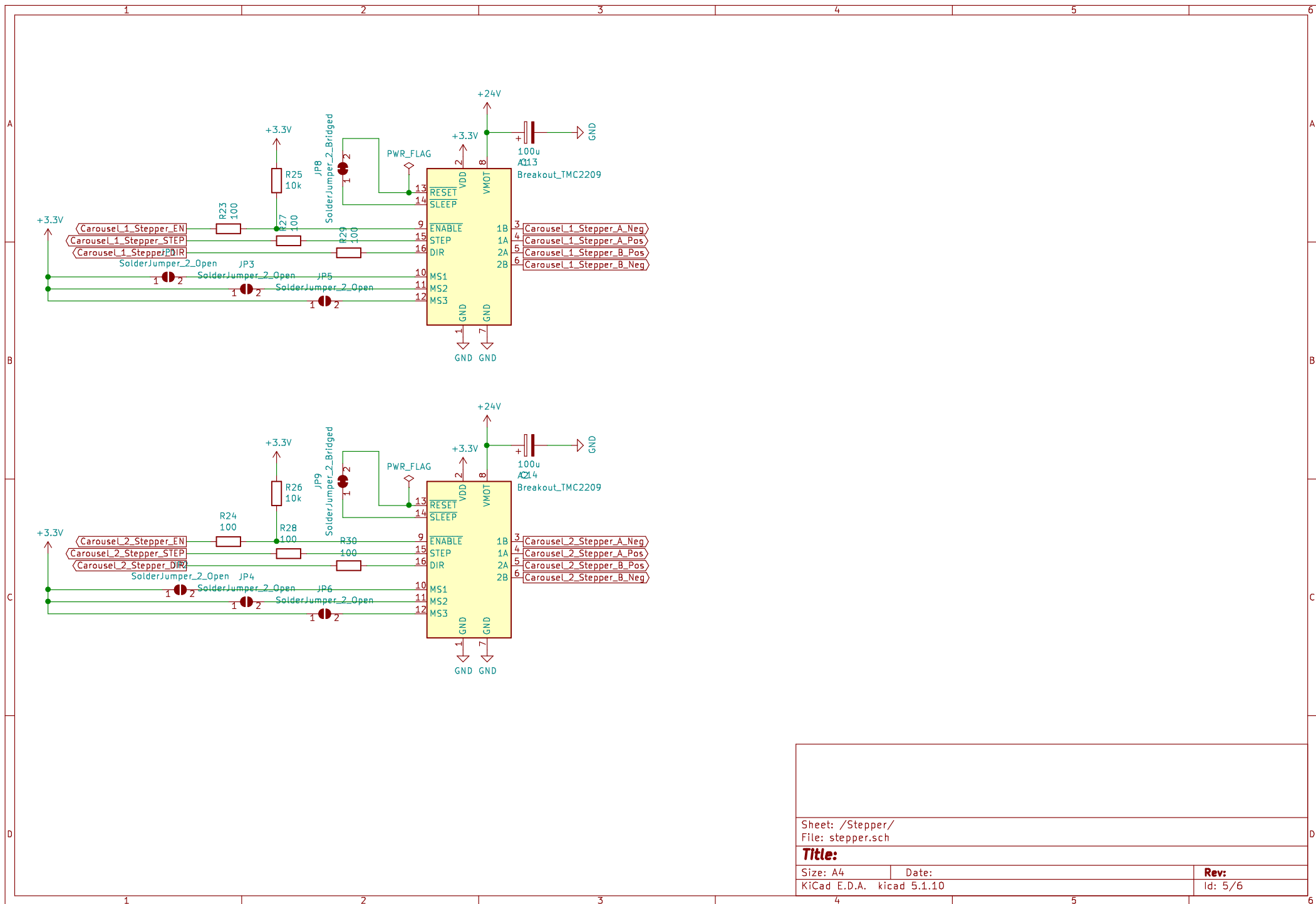
Title:

Size: A4
KiCad E.D.A. kicad 5.1.10

Date:

Rev:

Id: 4/6



Sheet: /Stepper/
File: stepper.sch

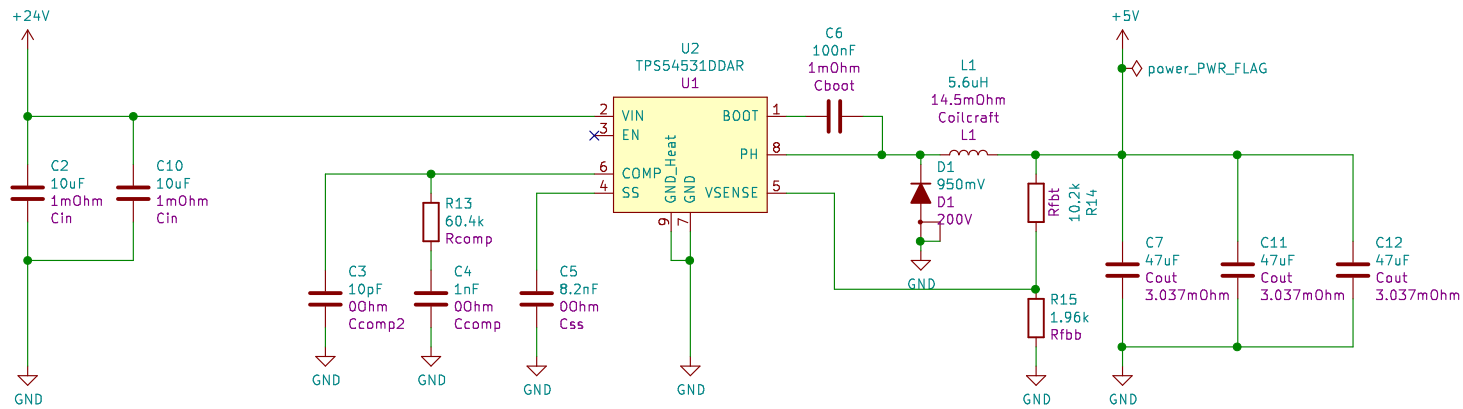
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Size: A4
KiCad E.D.A. kicad 5.1.10

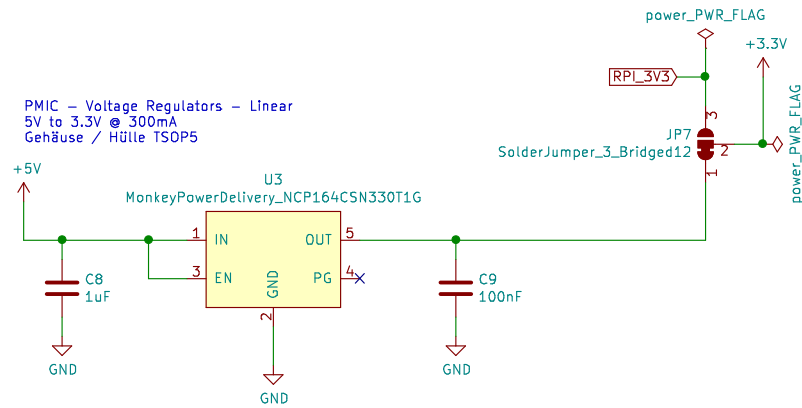
Date:

Rev:
Id: 5/6

@WEBENCH Design Report
 Design : 8 TP554531DDAR
 TP554531DDAR 20V-28V to 5.00V @ 5A
 VinMin = 20.0V
 VinMax = 28.0V
 Vout = 5.0V
 Iout = 5.0A
 Device = TP554531DDAR
 Topology = Buck
 Created = 2020-11-07 01:56:49.172
 BOM Cost = \$3.39
 BOM Count = 15
 Total Pd = 6.03W



PMIC - Voltage Regulators - Linear
 5V to 3.3V @ 300mA
 Gehäuse / Hülle TSOP5



Sheet: /SupplyPower/
 File: SupplyPower.sch

Title:

Size: A4
 KiCad E.D.A. kicad 5.1.10

Date:

Rev:
 Id: 6/6