

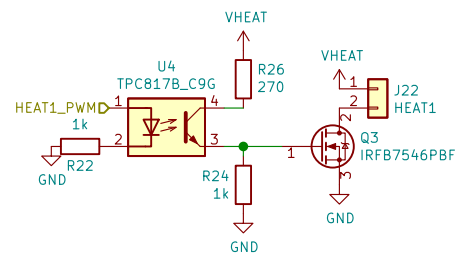
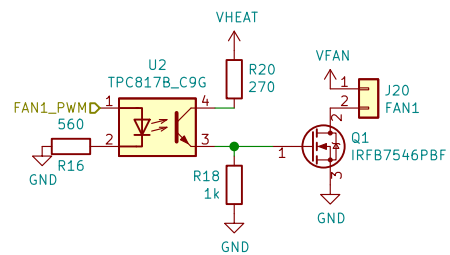
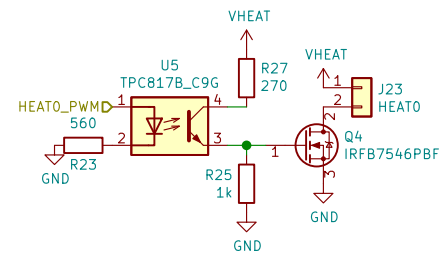
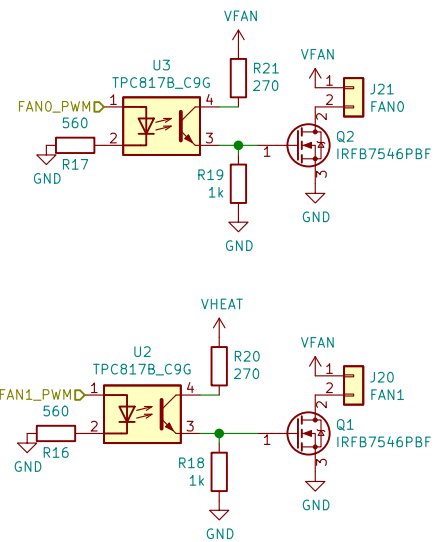
Sheet: /Stepsticks/
File: stepsticks.sch

Title:

Size: A4
KiCad E.D.A. kicad 5.1.5

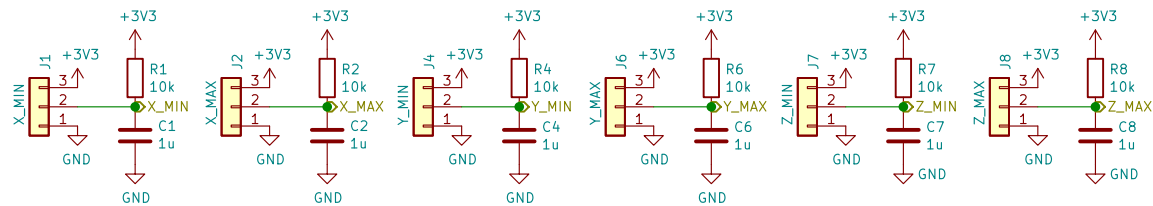
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Id: 2/5

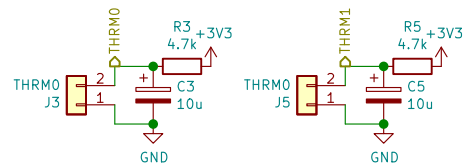


@24V, 15A: VGS=19, RDS=8m, P=1.8W, Tamb=+100, needs small heatsink
@12V, 15A: VGS=9.5, RDS=8m, P=1.8W, Tamb=+100, needs small heatsink
@5V, 1A: VGS=3.9, RDS=700m, P=.7, Tamb=+42, all good

Sheet: /Drivers/ File: drivers.sch		
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Pull-up for NC



Standard seems to be vdiv thermistor with 4.7k

Sheet: /Sensors/
File: sensors.sch

Title:

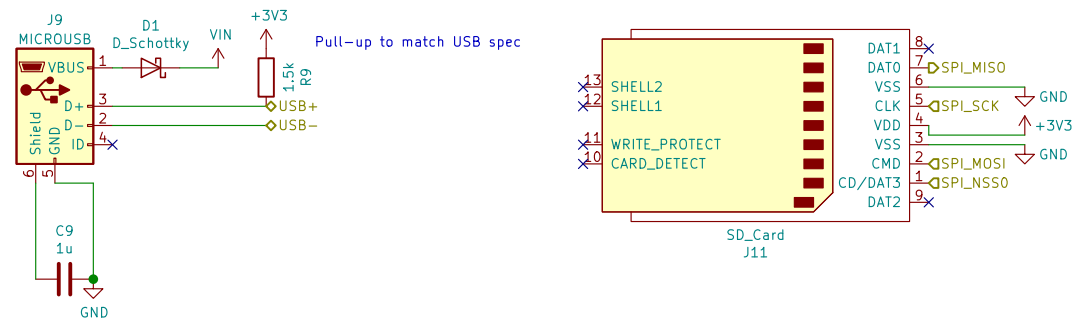
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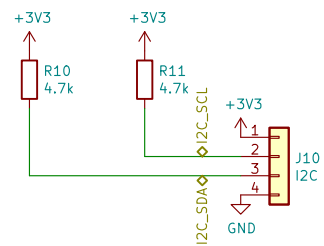
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Rev:

Id: 4/5



No need for series resistors to impedance-match, included internally
 Ignoring ESD protection (harder with THT, takes up lots of space, costs too much)



Sheet: /Communications/
 File: comms.sch

Title:

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Date:

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Rev:

Id: 5/5