

	1	2	3	4	5	6
A						
B						
C						
D						
	1	2	3	4	5	6

Sheet: picoU4XBB_power



File: picoU4XBB_power.sch

Sheet: PicoU4XBB_processor



File: PicoU4XBB_processor.sch

Sheet: picoU4XBB_io



File: picoU4XBB_io.sch

Sheet: picoU4XBB_spindle



File: PicoU4XBB_spindle.sch

Sheet: picoU4XBB_misc



File: picoU4XBB_misc.sch

Brookwood Design

Sheet: /

File: picoCNC.sch

Title: **picoCNC**

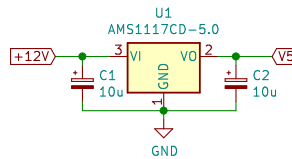
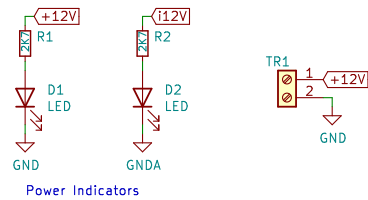
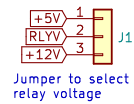
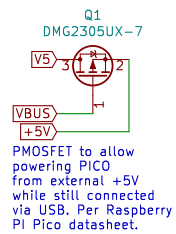
Size: A4

Date: 2021-05-23

Rev: Ver **1.51**

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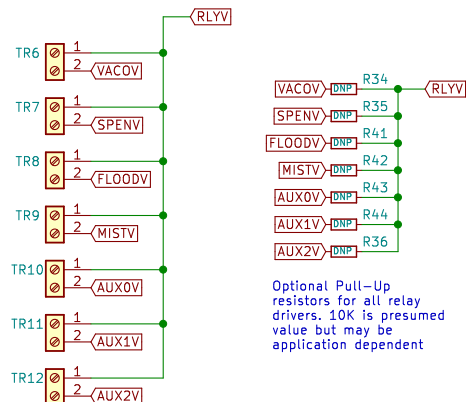
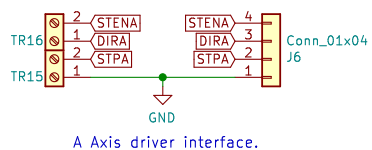
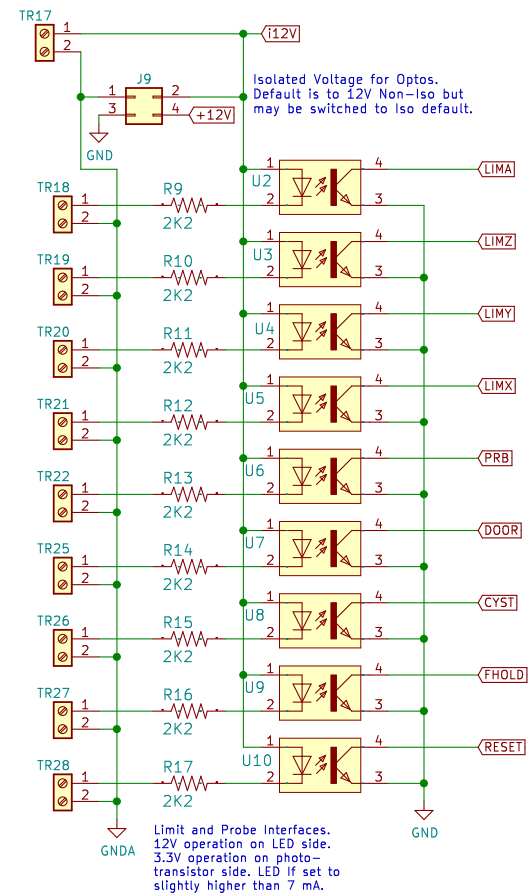
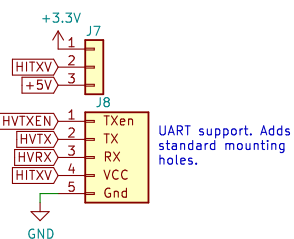
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Size: A4 Date: 2021-05-23

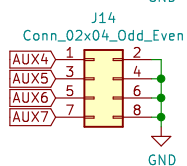
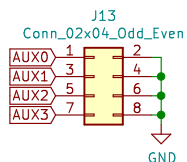
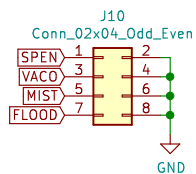
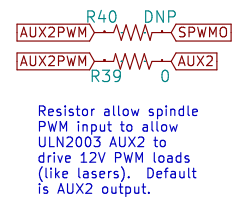
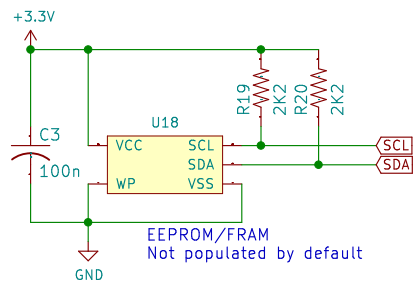
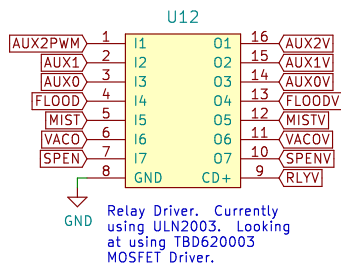
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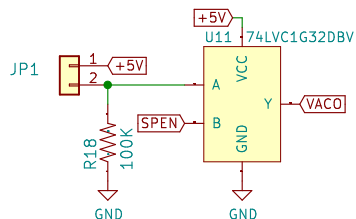
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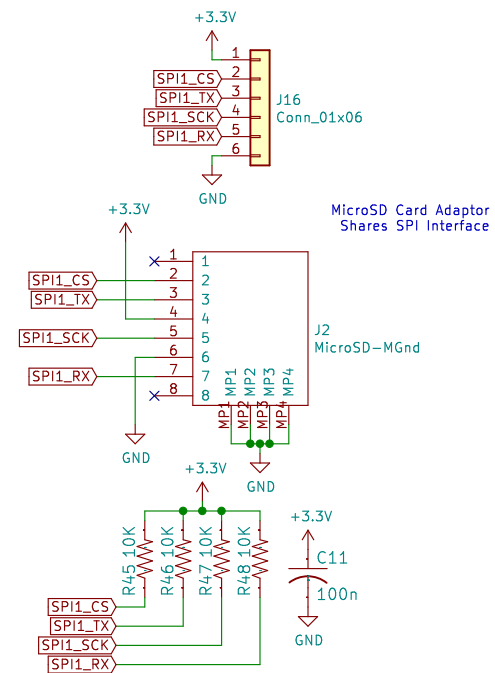
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Id: 3/6



All these outputs have HC level drive capability. Limited to 6mA.



Independent Control for Dust Extractor. A switch attached to the pin header can turn on the DE separately from the spindle.



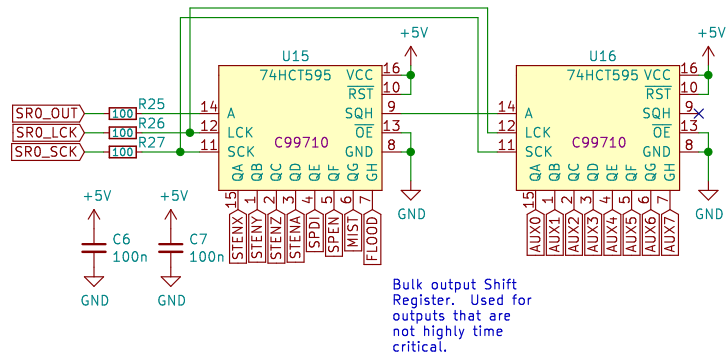
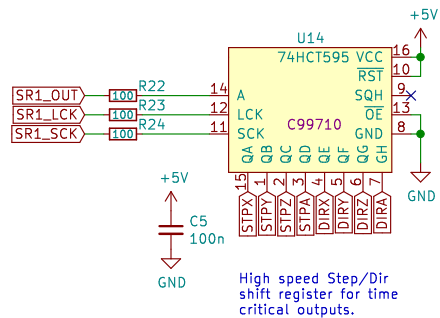
Brookwood Design

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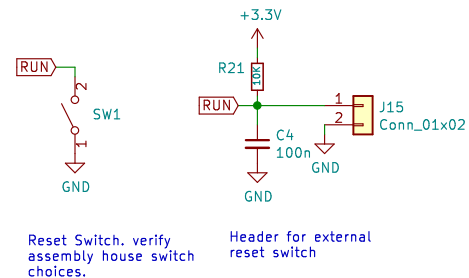
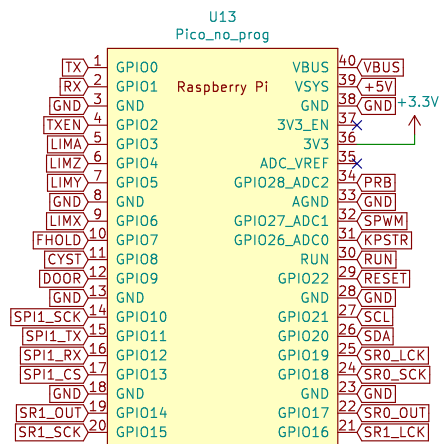
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Shift registers are used to get around the GPIO limitations of the RP2040.



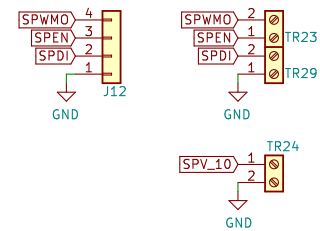
Brookwood Design

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Title: *picoCNC*

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