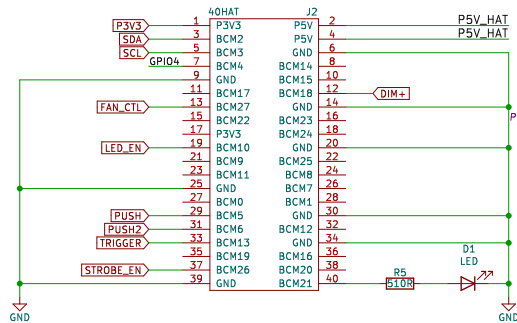


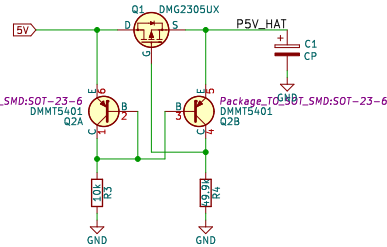
This is based on the official Raspberry Pi spec to be able to call an extension board a HAT.
<https://github.com/raspberrypi/hats/blob/master/designguide.md>

40-Pin HAT Connector

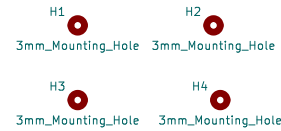


5V Powered HAT Protection

This is the recommended 5V rail protection for a HAT with power going to the Pi.
See <https://github.com/raspberrypi/hats/blob/master/designguide.md#back-powering-the-pi-via-the-j8-gpio-header>



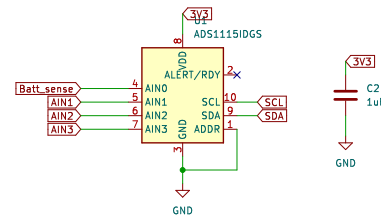
Mounting Holes



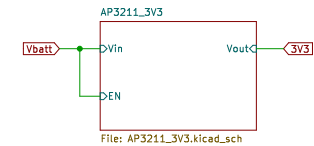
Connector for Battery



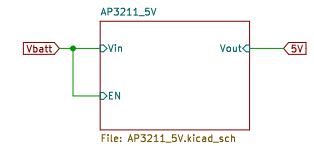
ADC for RPi



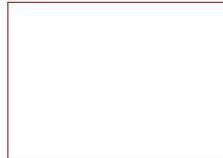
3.3V Regulator



5V Regulator



LED_Connector



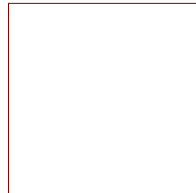
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sensors



File: sensors.kicad_sch

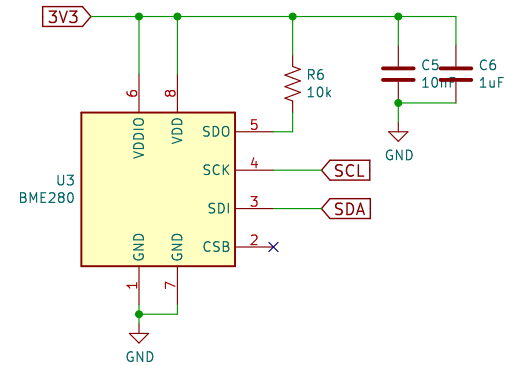
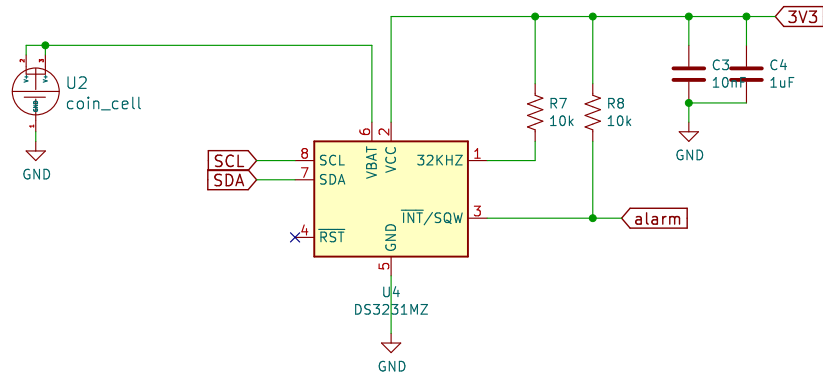
switches



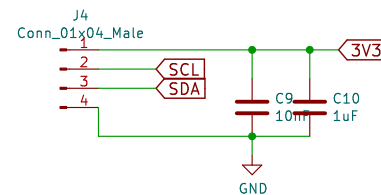
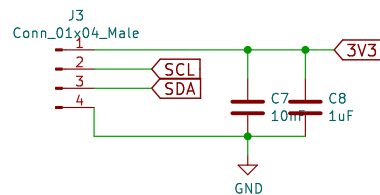
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CoralScope Hat

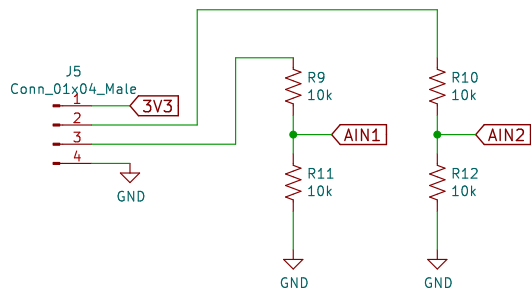
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Size: A3	Date: November 2022	Rev: A	Rev02.a
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I2C Sensors



Analog Inputs



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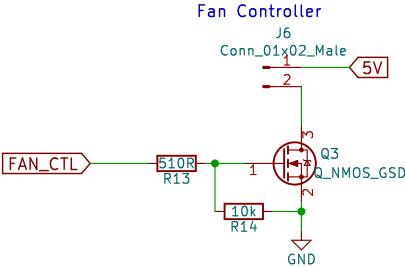
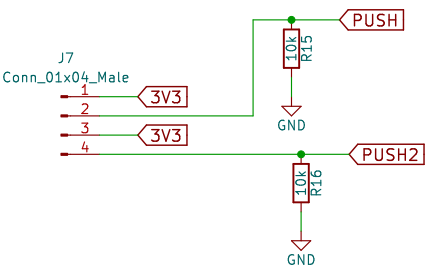
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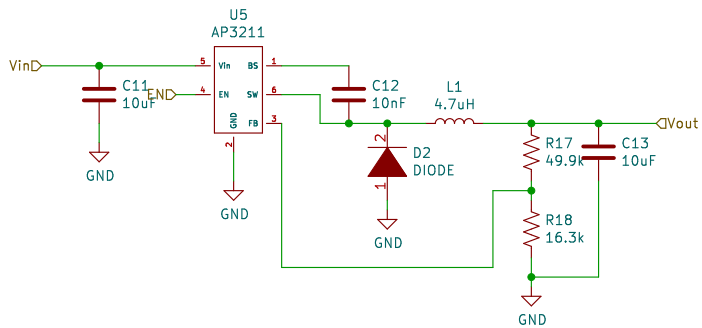
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Switches and Auxilliary

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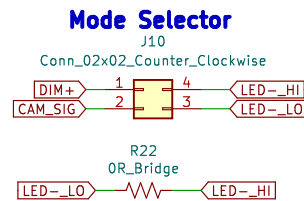
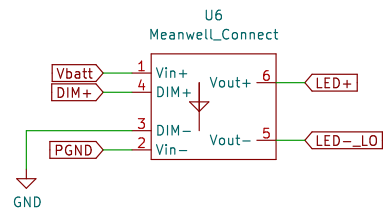
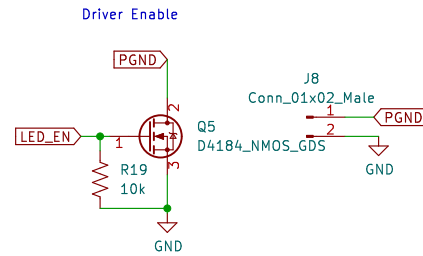
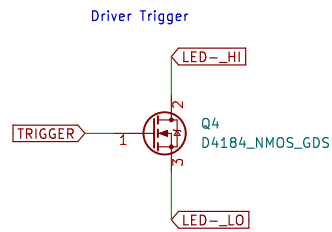
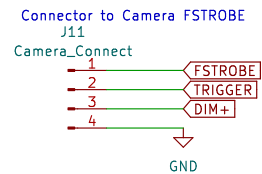
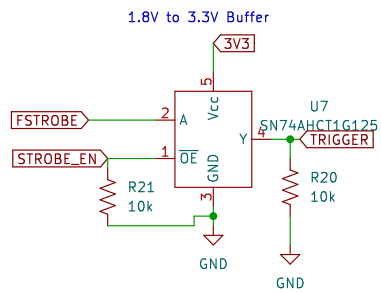
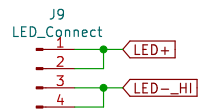
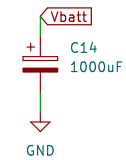
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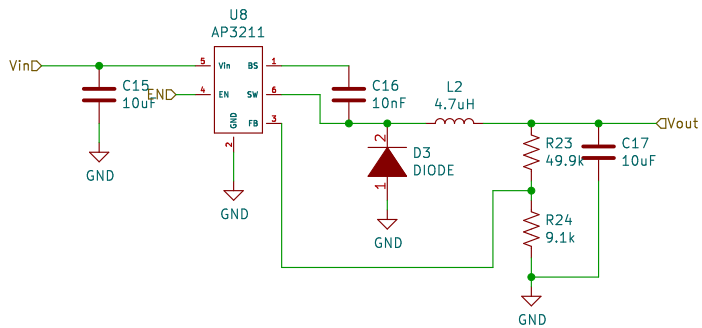


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Id: 6/6



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