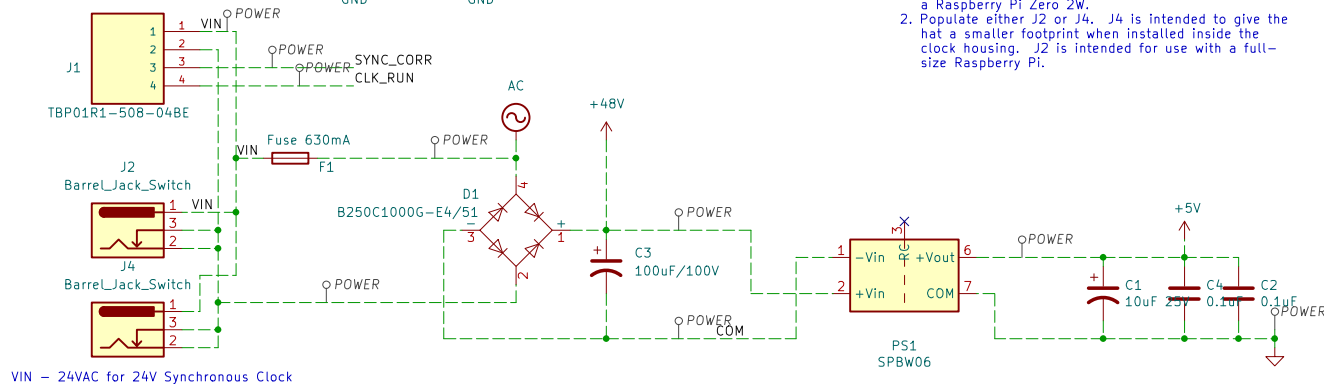


Assembly Notes:
 1. When installed, JP1 provides 5VDC to the Raspberry Pi. This hat can supply 5VDC at 1.2A, which is enough for a Raspberry Pi Zero 2W.
 2. Populate either J2 or J4. J4 is intended to give the hat a smaller footprint when installed inside the clock housing. J2 is intended for use with a full-size Raspberry Pi.



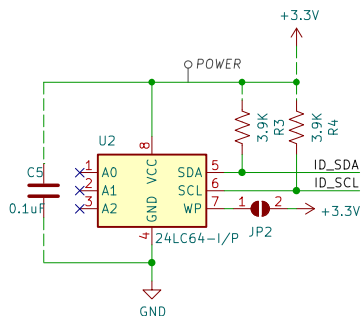
- MH1 MountingHole_2.7mm_M2.5
- MH2 MountingHole_2.7mm_M2.5
- MH3 MountingHole_2.7mm_M2.5
- MH4 MountingHole_2.7mm_M2.5
- MH5 MountingHole_2.7mm_M2.5
- MH6 MountingHole_2.7mm_M2.5

ID_SD and ID_SC PINS:
 These pins are reserved for HAT ID EEPROM.

At boot time this I2C interface will be interrogated to look for an EEPROM that identifies the attached board and allows automatic setup of the GPIOs (and optionally, Linux drivers).

Bridging JP1 enables write protection.

DO NOT USE these pins for anything other than attaching an I2C ID EEPROM. Leave unconnected if ID EEPROM not required.



<https://github.com/hharte/rpi-simplex-clock-hat>

Sheet: /
 File: rpi-simplex-clock-hat.kicad_sch

Title: RPi Simplex Clock Hat

Size: A4 Date: 2024-03-10
 KiCad E.D.A. 8.0.1

Rev: 1
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