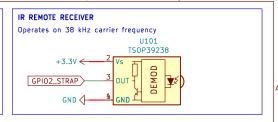
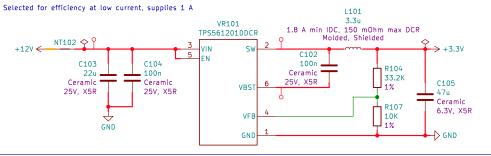
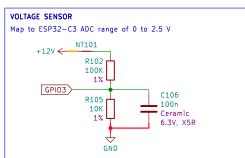


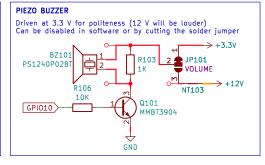
TEMPERATURE SENSOR Built-in 10 K NTC thermistor, beta = 3950 XI015 R101 10K J102 GPI04 B2B-XH-A GND (1-THERMISTOR



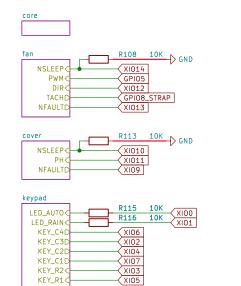








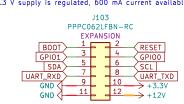
COMPONENTS



EXPANSION PORT

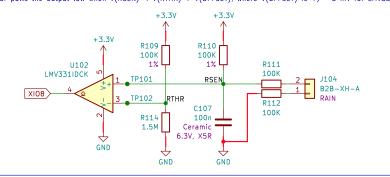
Header for accessories and factory programming

- GPIOO and GPIO1 are free to be used for any purpose UART_RXD and UART_TXD provide the serial port
- SCL and SDA provide the I2C bus (QWIIC)
- RESET and BOOT are wired in parallel with their corresponding buttons (active when tied to ground) — 12 V supply is unregulated, 1 A current available
- 3.3 V supply is regulated, 600 mA current available



RAIN SENSOR

The rain sensor is only available on model 4500K; these components may be omitted for other models It is simply a pair of electrodes that are exposed to the environment and whose impedance is about 0.5 to 1.2 Mohm when in contact with water or mist and open circuit when dry The comparator pulls the output low when V(RSEN) < V(RTHR) + V(OFFSET), where V(OFFSET) is +/-5 mV for LMV331X



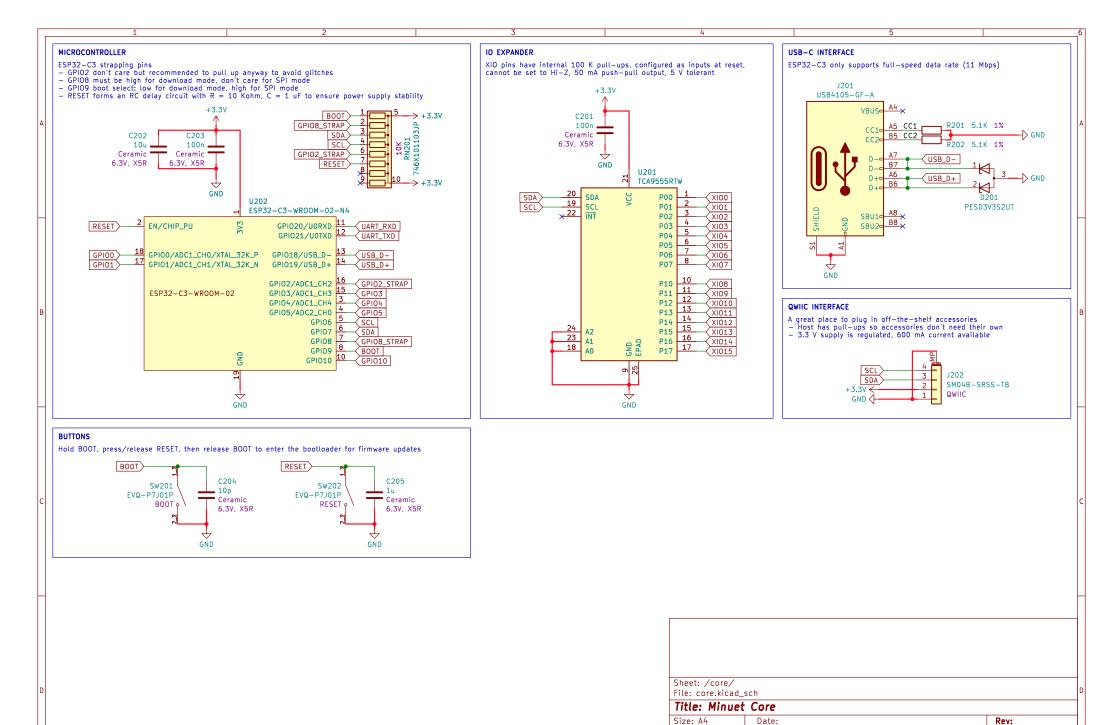
Brown Studios LLC

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Size: A4	Date: 2025-02	Rev: 2.1
KiCad E.D.A. 8.0.8		ld: 1/5



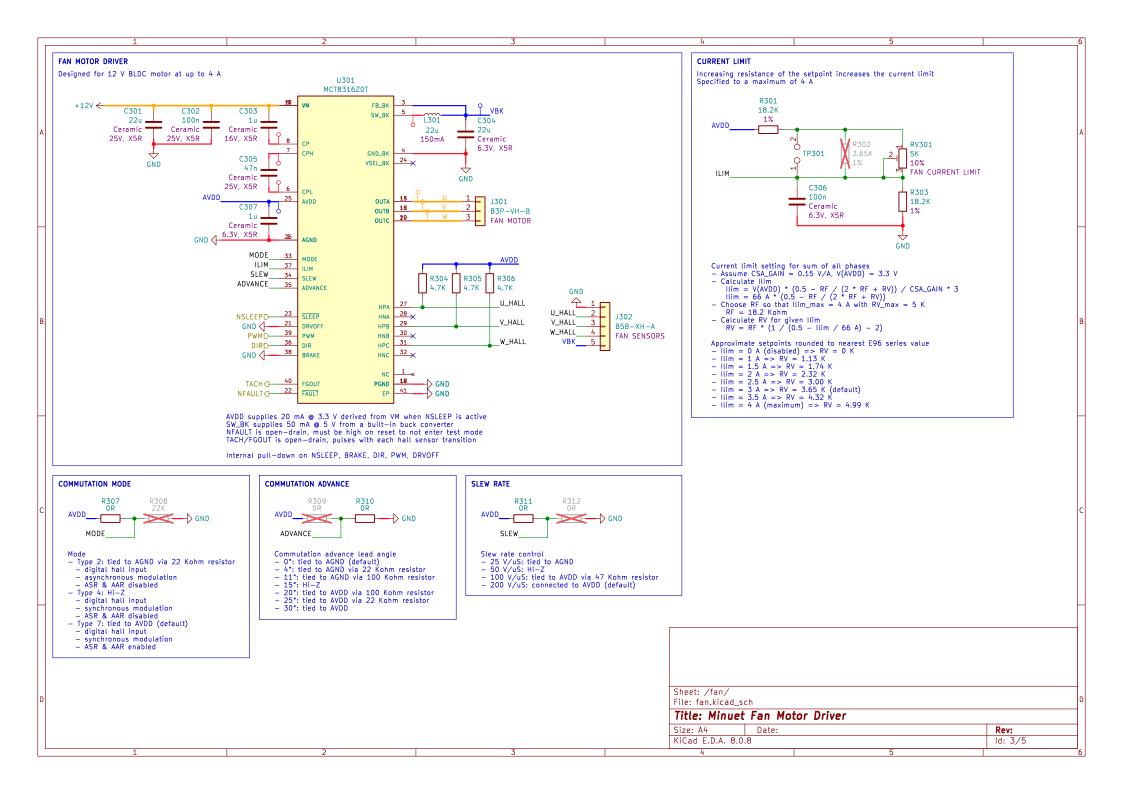
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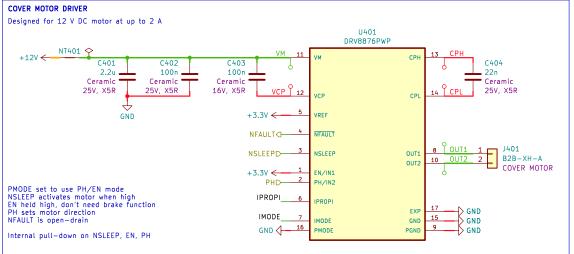
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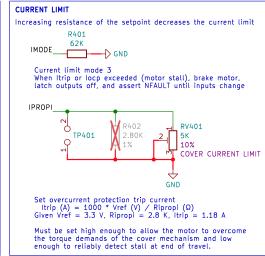
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3







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Title: Minuet Cover Motor Driver

Size: A4 | Date: Rev:
KiCad E.D.A. 8.0.8 | Id: 4/5

