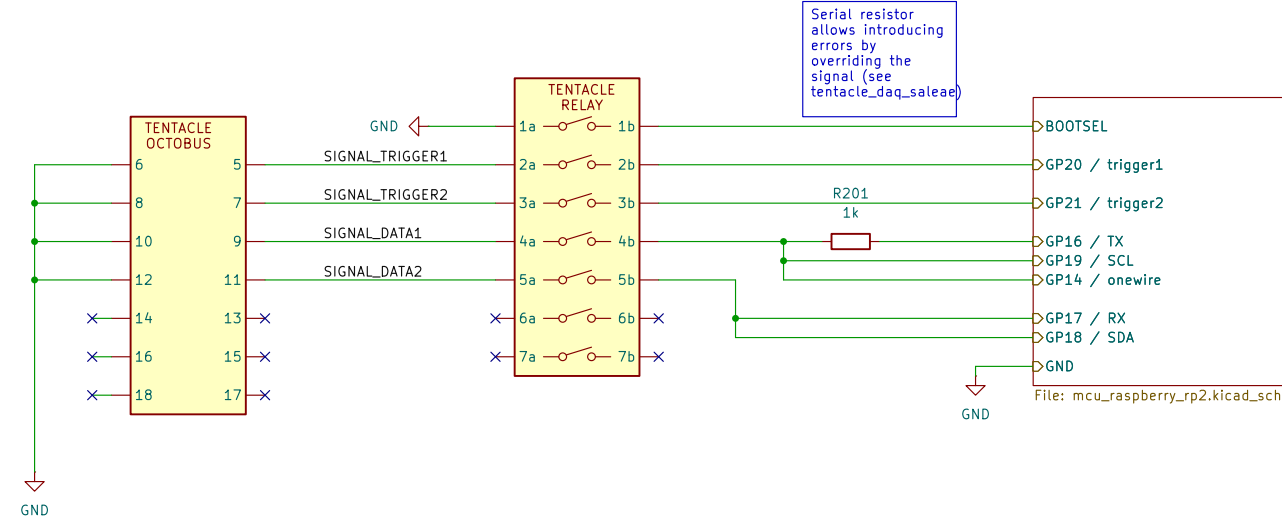
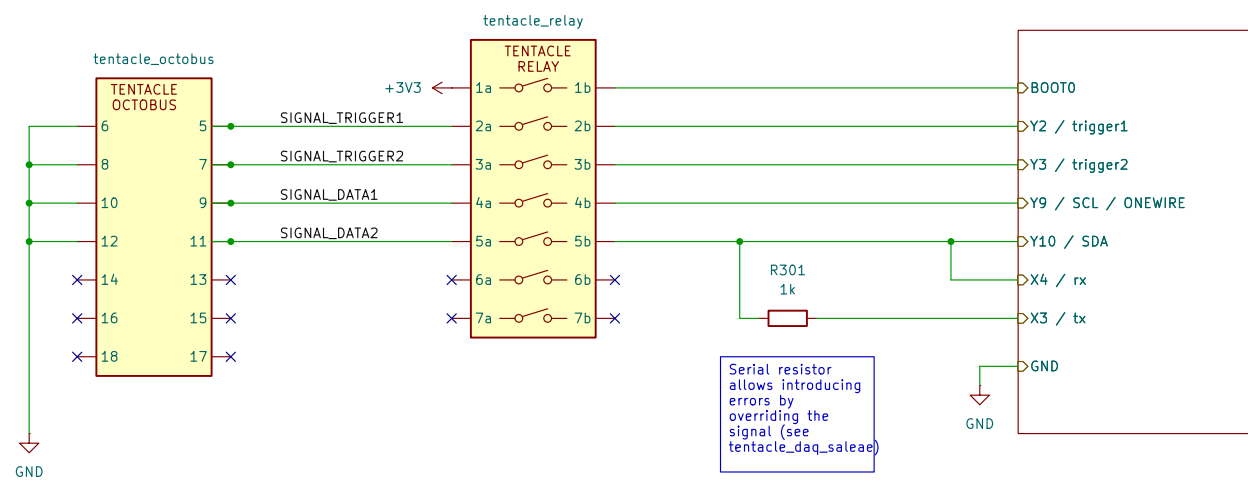
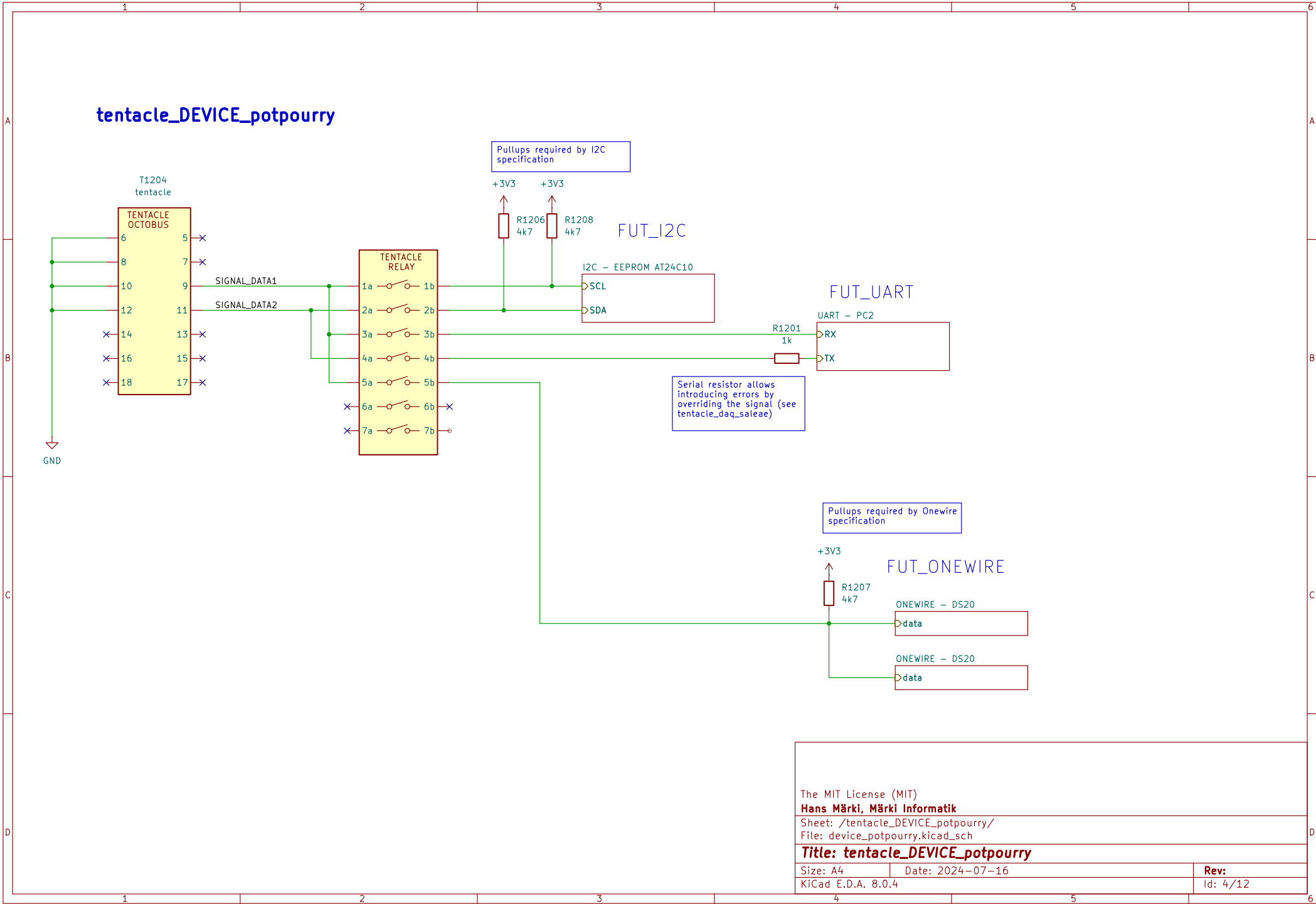


tentacle_MCU_raspberry_pico



tentacle_MCU_grobotics_pyboard





tentacle_Daq_saleae

The diagram illustrates the wiring for the tentacle_Daq_saleae circuit. It features three main components: a TENTACLE OCTOPUS, a TENTACLE RELAY, and a TENTACLE GPIO. The OCTOPUS is connected to the RELAY via four signal lines: SIGNAL_TRIGGER1, SIGNAL_TRIGGER2, SIGNAL_DATA1, and SIGNAL_DATA2. The RELAY's output pins (1b through 7b) are connected to a 7-bit digital output bus (D0 through D7). The GPIO component provides additional control signals (trigger1, trigger2, error_data1, error_data2) to the RELAY. Pull-down resistors R501 and R502 (10k) are used to ensure the signals remain at GND during MCU powercycles. A note explains that these pull-downs keep the signals at GND while the MCU board powercycles. Without these pull-downs, the signal jump to high (saleae seems to have pull ups).

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These pull downs keep the signals at GND while the MCU board powercycles. Without these pull downs, the signal jump to high (salaea seems to have pull ups).

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