

Douglas P. Fields, Jr.

Sheet: /MCU/

File: MCU.kicad_sch

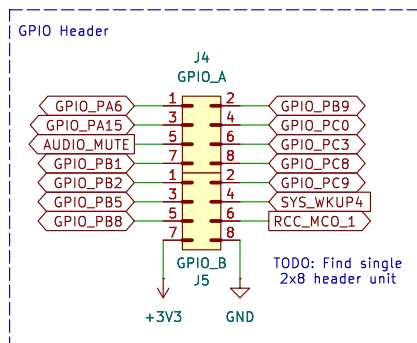
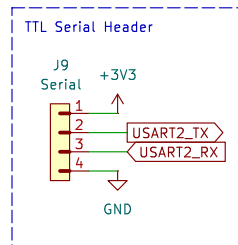
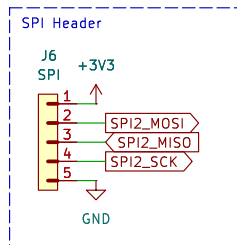
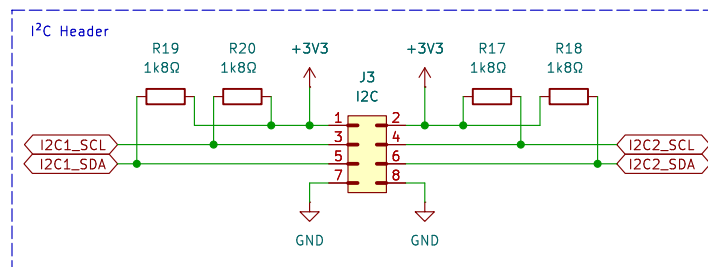
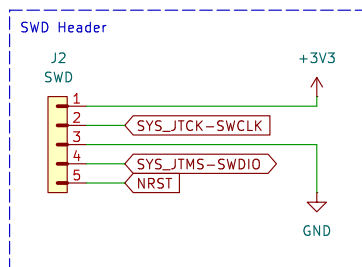
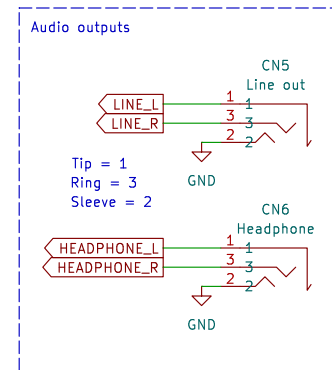
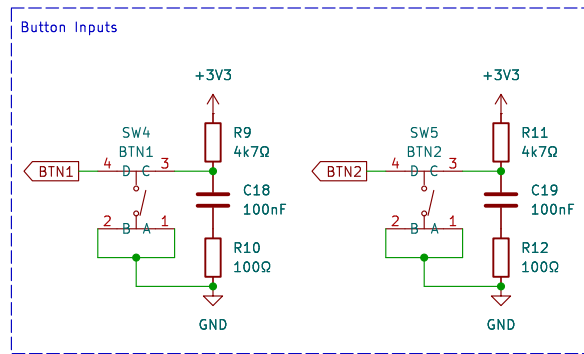
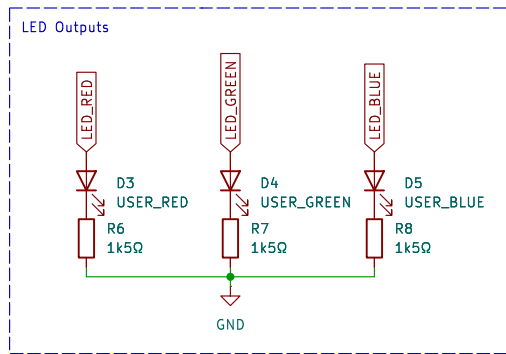
Title: MCU, Crystals, USB and Power

Size: USLetter Date: 2024-09-28

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Id: 2/5



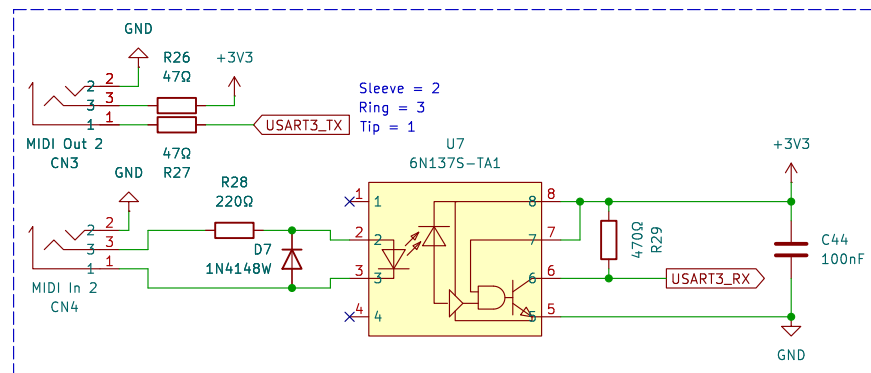
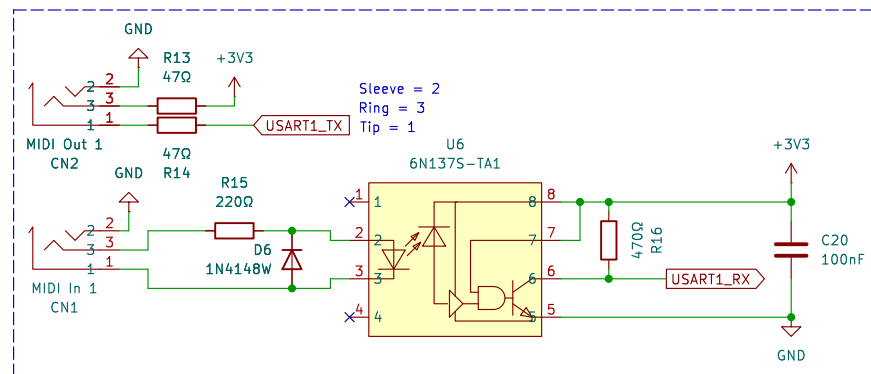
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Sheet: /User Interface/
File: user_interface.kicad_sch

Title: User Interface

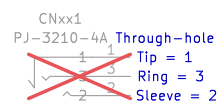
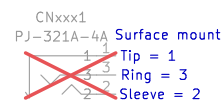
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TODO: Replicate for UART 4–6

UART4_TX
UART4_RX
UART5_RX
UART5_TX
USART6_TX
USART6_RX



TODO: Make this a sub-schematic and instantiate it 5x

MIDI TRS Type A
Tip: Sink (5-pin: 5)
Ring: Source (5-pin: 4)
Sleeve: n/c (5-pin: 2)
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Sheet: /MIDI/
File: midi.kicad_sch

Title: MIDI

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