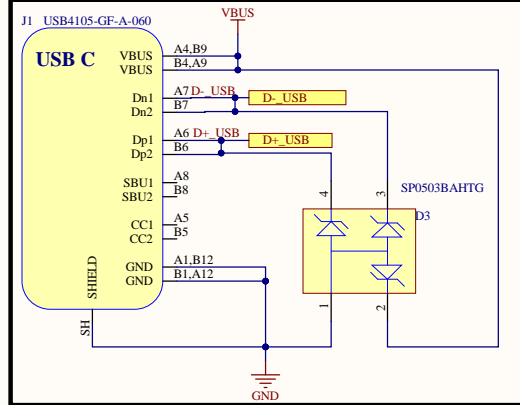
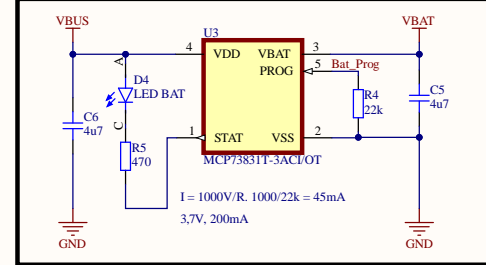


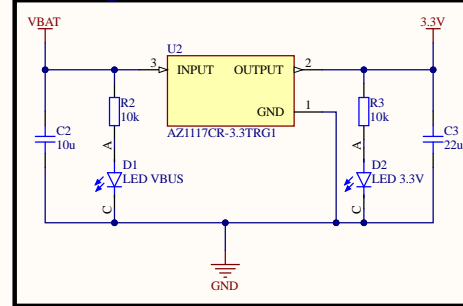
USB-C CON



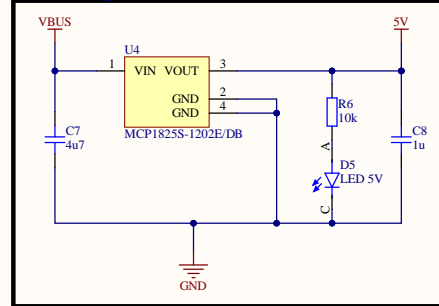
Charge Controller



Voltage Converter 3.3V

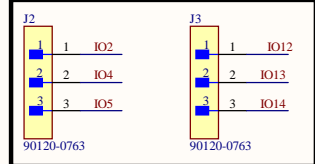


Voltage Converter 5V

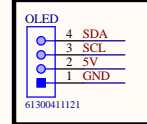


I/O and external devices

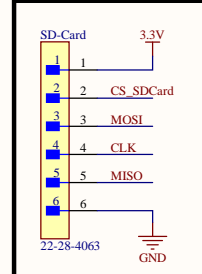
Connector Pins



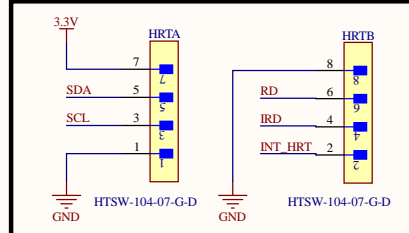
OLED



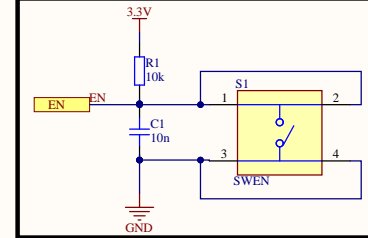
SD Card Module



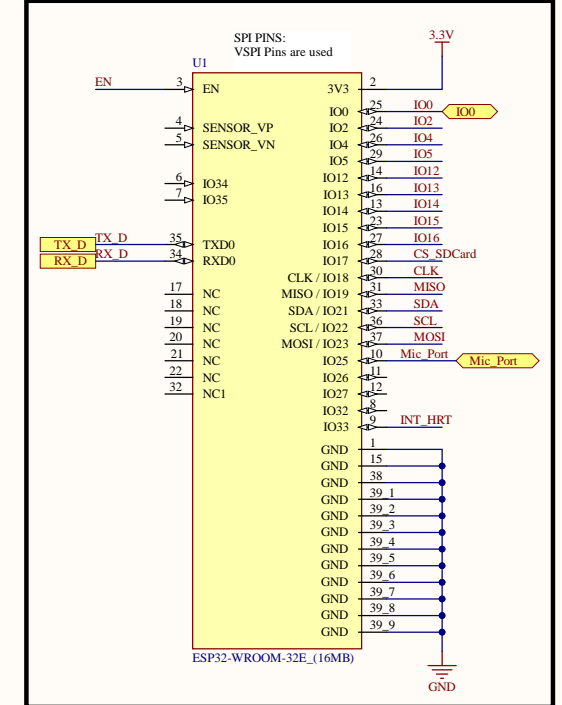
Heart rate sensor



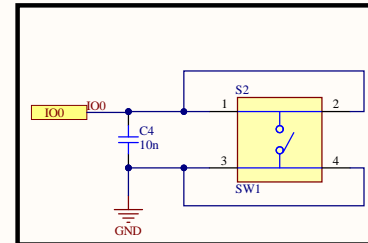
EN MPU (BTN)



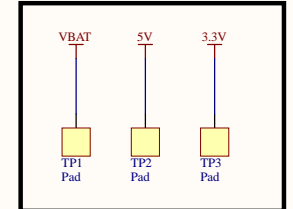
MPU (ESP32 Wroom 32E)



IO0 PIN (BTN)

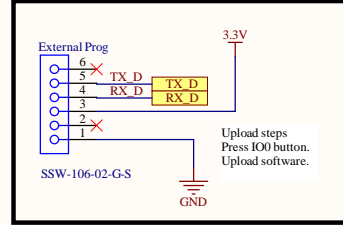


Test Points

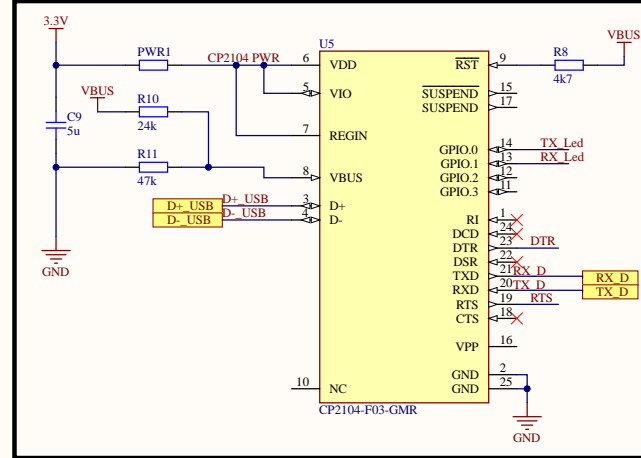


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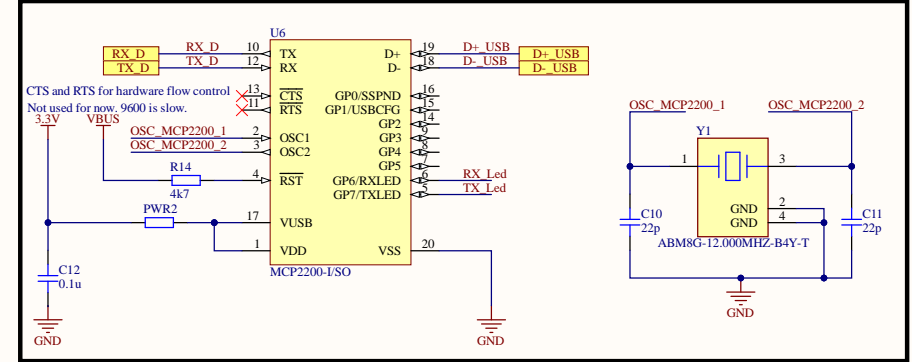
FTDI Programmer



USB to UART (CP2104)



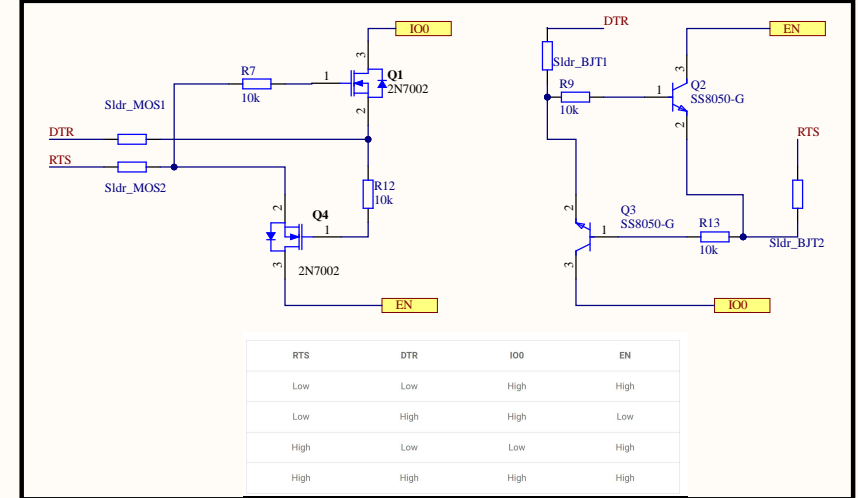
USB to UART (MCP2200)



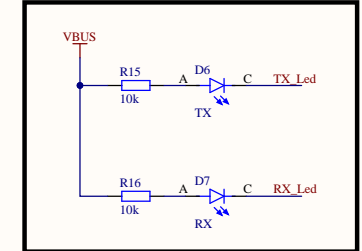
<https://ww1.microchip.com/downloads/aemDocuments/documents/APID/ProductDocuments/DataSheets/MCP2200-USB-2.0-to-UART-Protocol-Converter-with-GPIO-DS20002228E.pdf>

<https://ww1.microchip.com/downloads/en/DeviceDoc/52064A.pdf>

DTR/RTS Automatic Programming

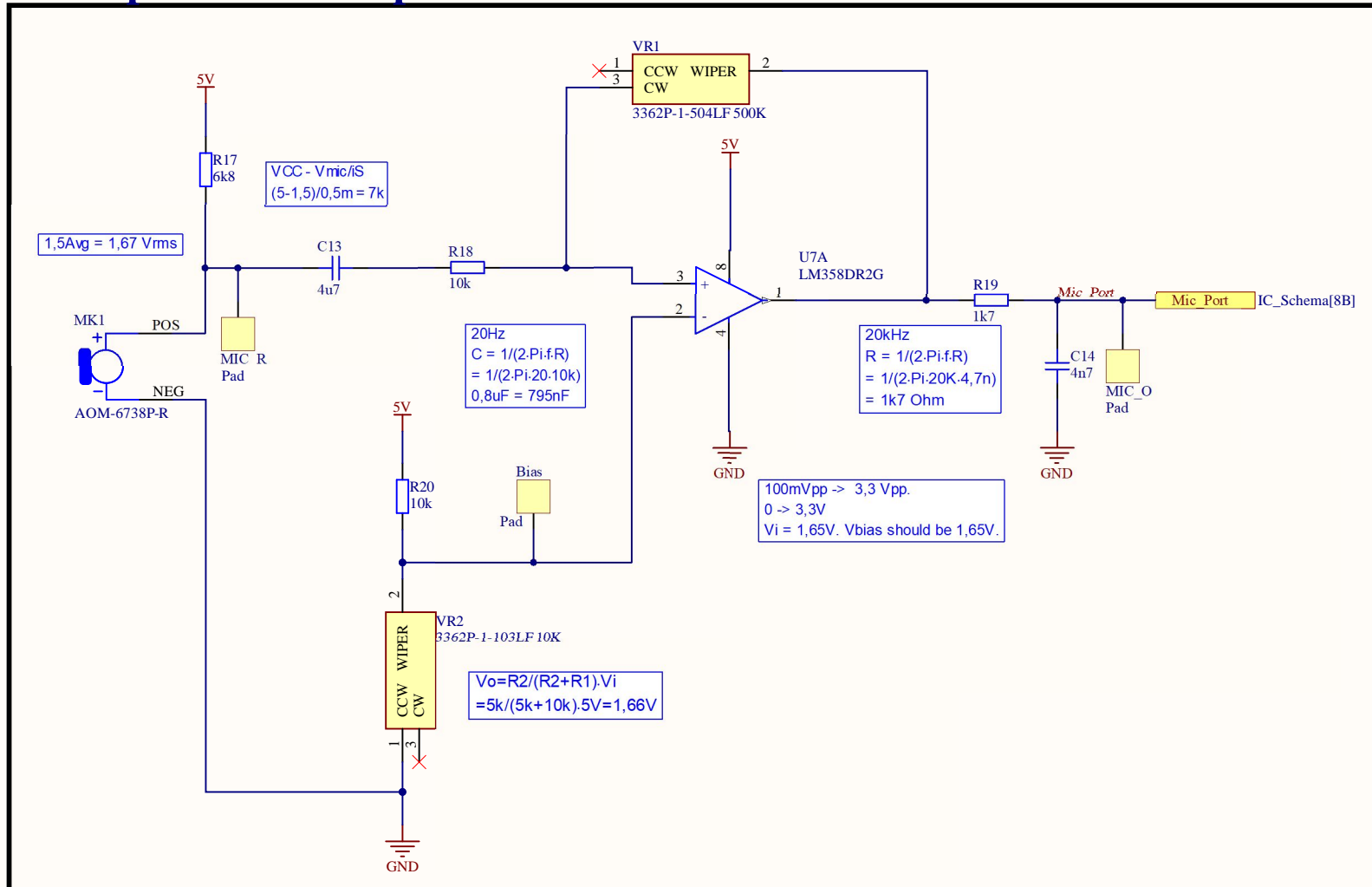


RX/TX Leds



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Microphone PreAmp Circuit



Title Microphone PreAmp.SchDoc		
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