



Tulip Creative Computer

Schematic Overview

MCU Sheet 2

File: mcu.kicad_sch

ESP32 Module
I2C Pullups
Reset Logic

Interface Sheet 3

File: interface.kicad_sch

USB Serial
MIDI In/Out
LCD
USB Host
Expansion

Audio Sheet 4

File: audio.kicad_sch

Audio DAC
Volume Fader
Headphone Amplifier

Power Sheet 5

File: power.kicad_sch

Battery Charger
Power Switchoverr
Battery Gas Gauge
5V Boost Regulator
3.3V LDO Regulator
Power Switch

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Original design by Brian Whitman with contributions from Matt Mets and Nicolas Villar

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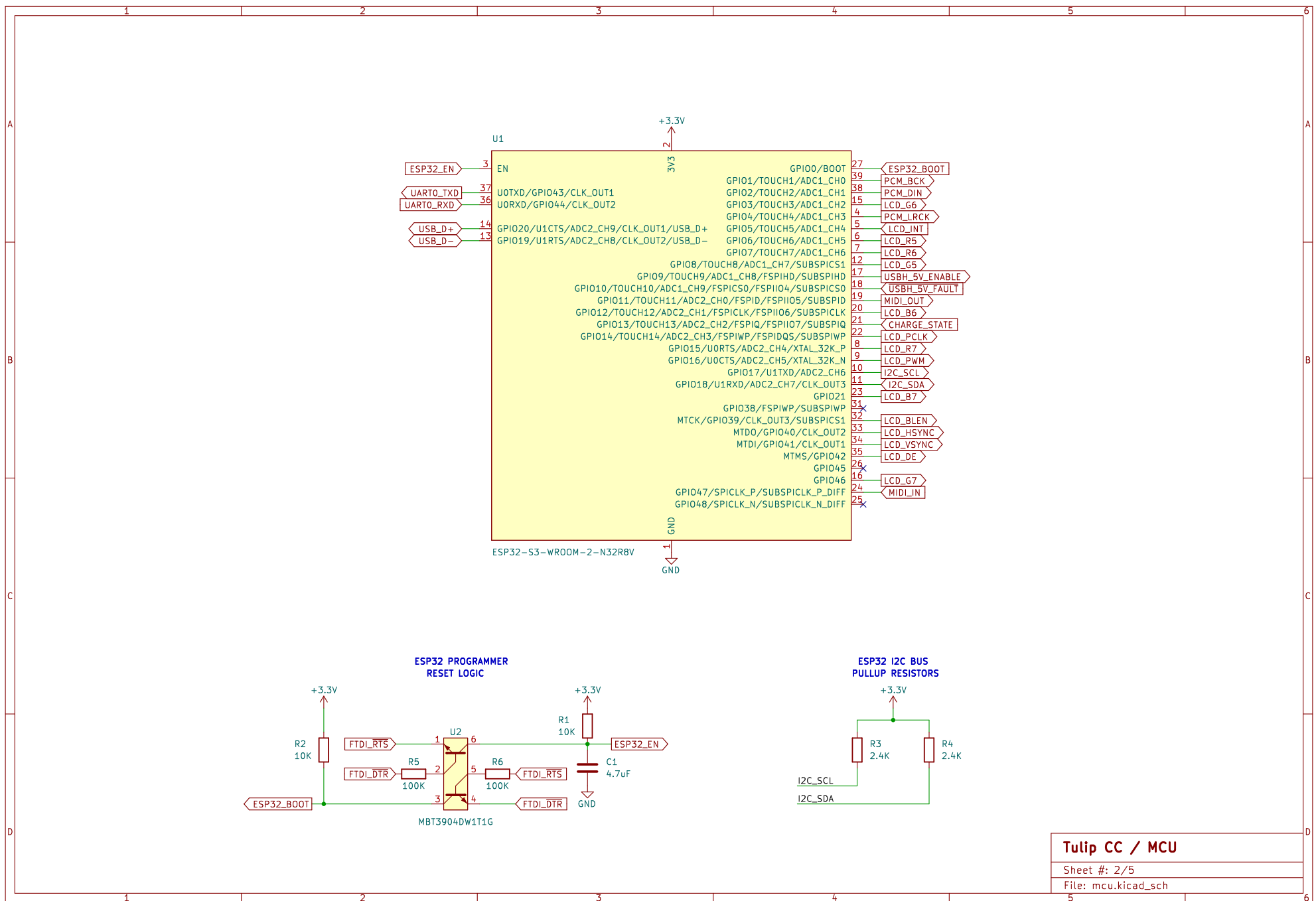
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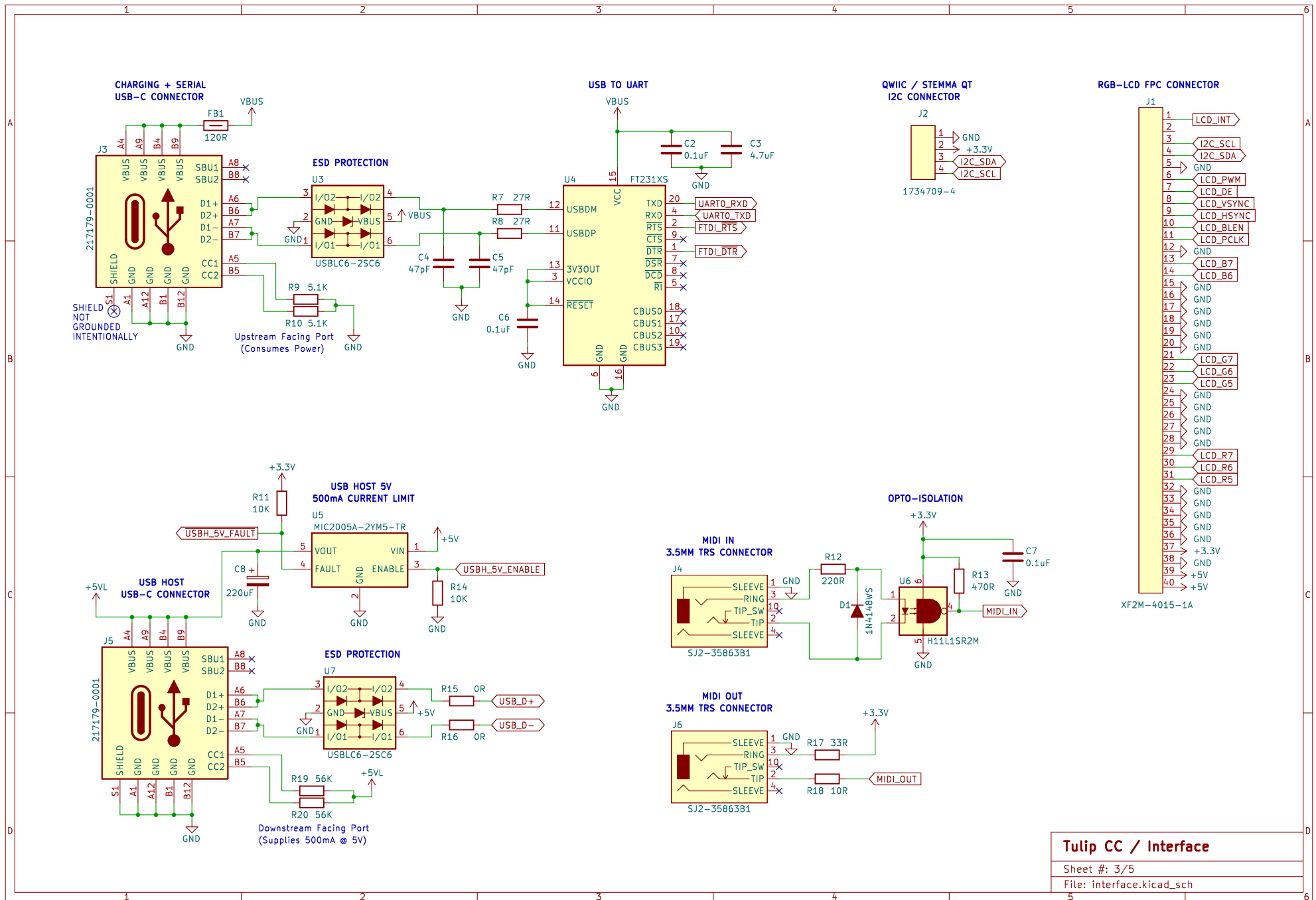
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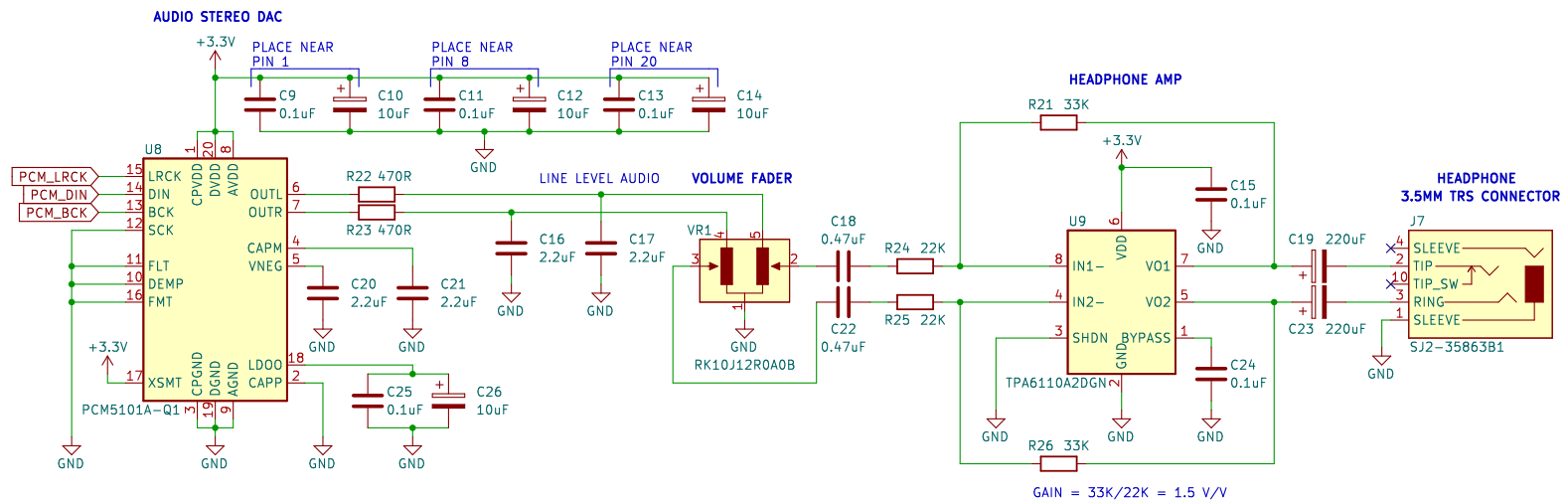
Tulip Creative Computer V4 R9

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File: tulipcc.kicad_sch







Tulip CC / Audio

Sheet #: 4/5

File: audio.kicad_sch

