power

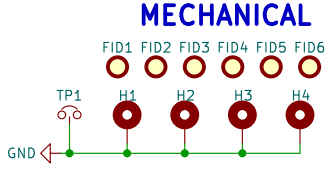
File: power.kicad_sch

audio

File: audio.kicad_sch

interface

File: interface.kicad_sch



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itz-embedded
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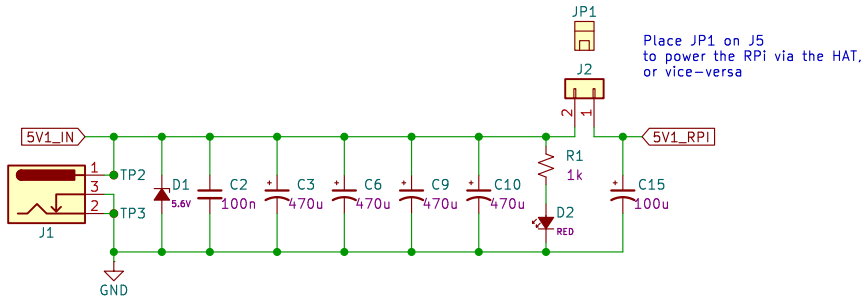
File: LightSABRE_DAC.kicad_sch

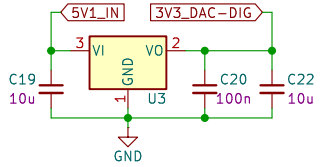
Title: LightSABRE DAC

Size: A4	Date: 2026-01-09	**Rev: 1.0**
KiCad E.D.A. 9.0.7		Id: 1/4

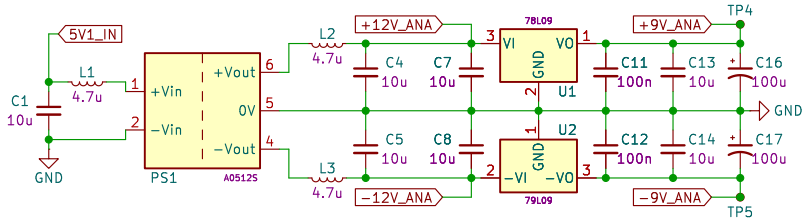
DC POWER INPUT



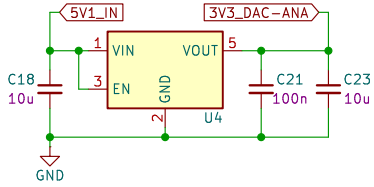
3.3V DAC DIGITAL SUPPLY



OPAMP DUAL SUPPLY



3.3V DAC ANALOG SUPPLY



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Title: LightSABRE DAC

Size: A4	Date: 2026-01-09	**Rev: 1.0**
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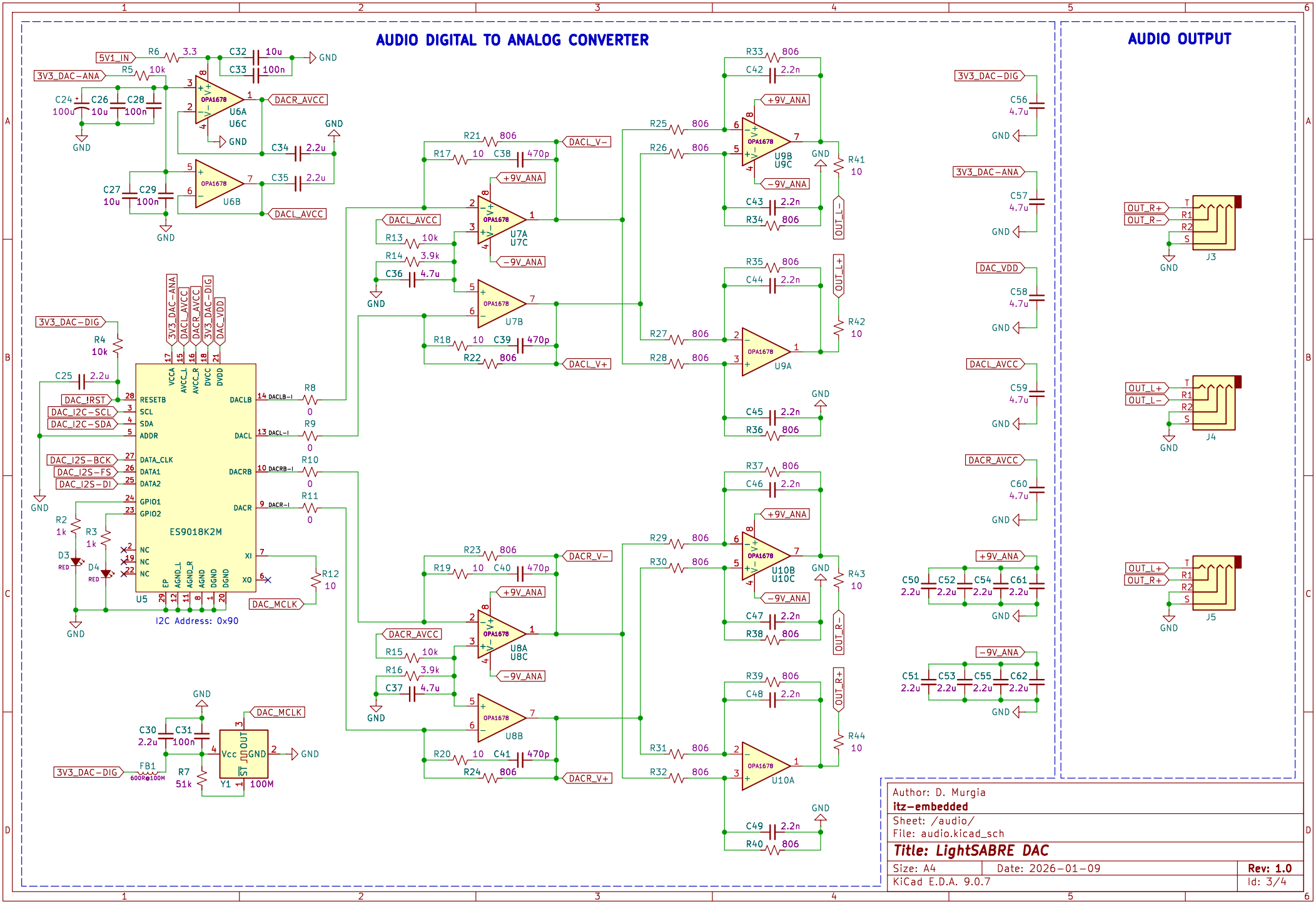
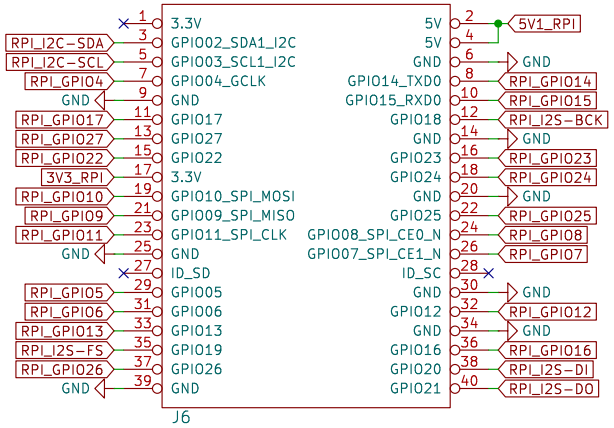
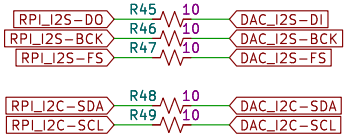

AUDIO DIGITAL TO ANALOG CONVERTER
AUDIO OUTPUT
ES9018K2M
I2C Address: 0x90
OPA1678
Author: D. Murgia
itz-embedded
Sheet: /audio/
File: audio.kicad_sch
Title: LightSABRE DAC
Size: A4
Date: 2026-01-09
Rev: 1.0
KiCad E.D.A. 9.0.7
Id: 3/4

RASPBERRY PI INTERFACE



PIN ASSIGNMENT



Author: D. Murgia
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Title: LightSABRE DAC

Size: A4	Date: 2026-01-09	**Rev: 1.0**
KiCad E.D.A. 9.0.7		Id: 4/4