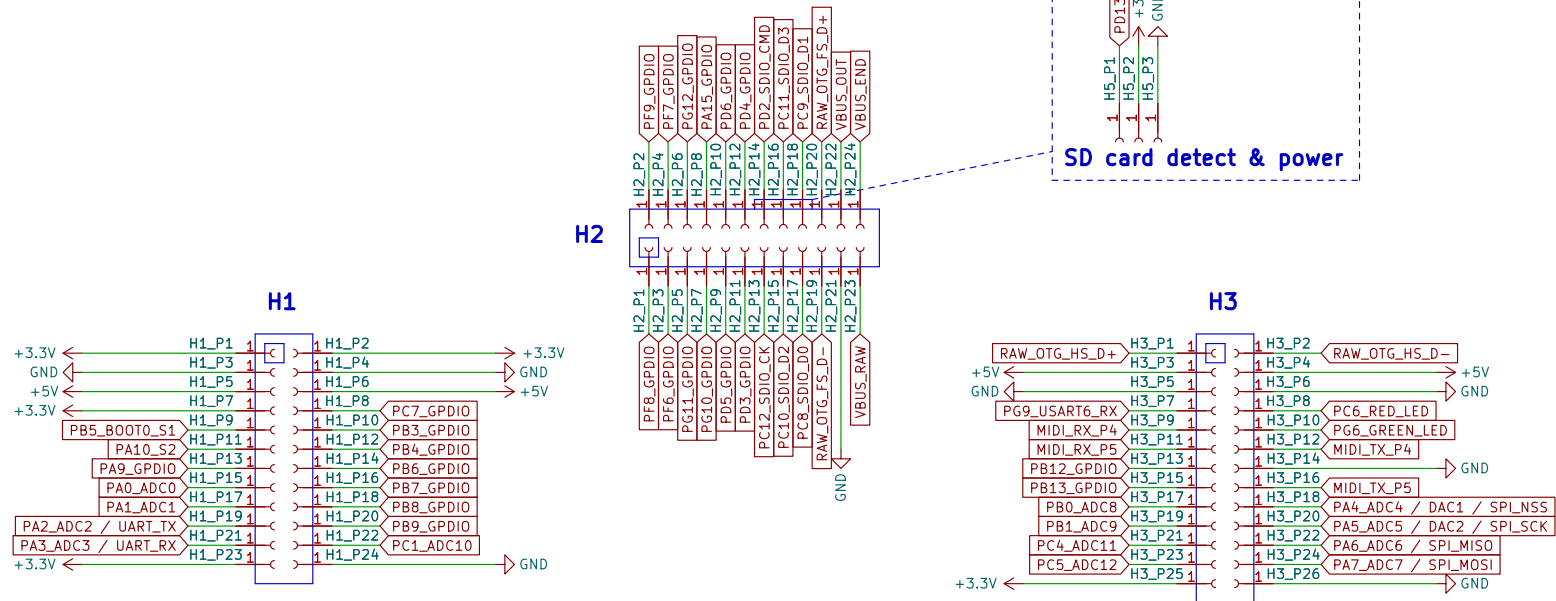


GPIO and function headers (PCB component side view)



RESERVED for SPILINK implementation
Leave as is for regular use.



Digital microphone header



Sheet: /headers/

File: headers.kicad_sch

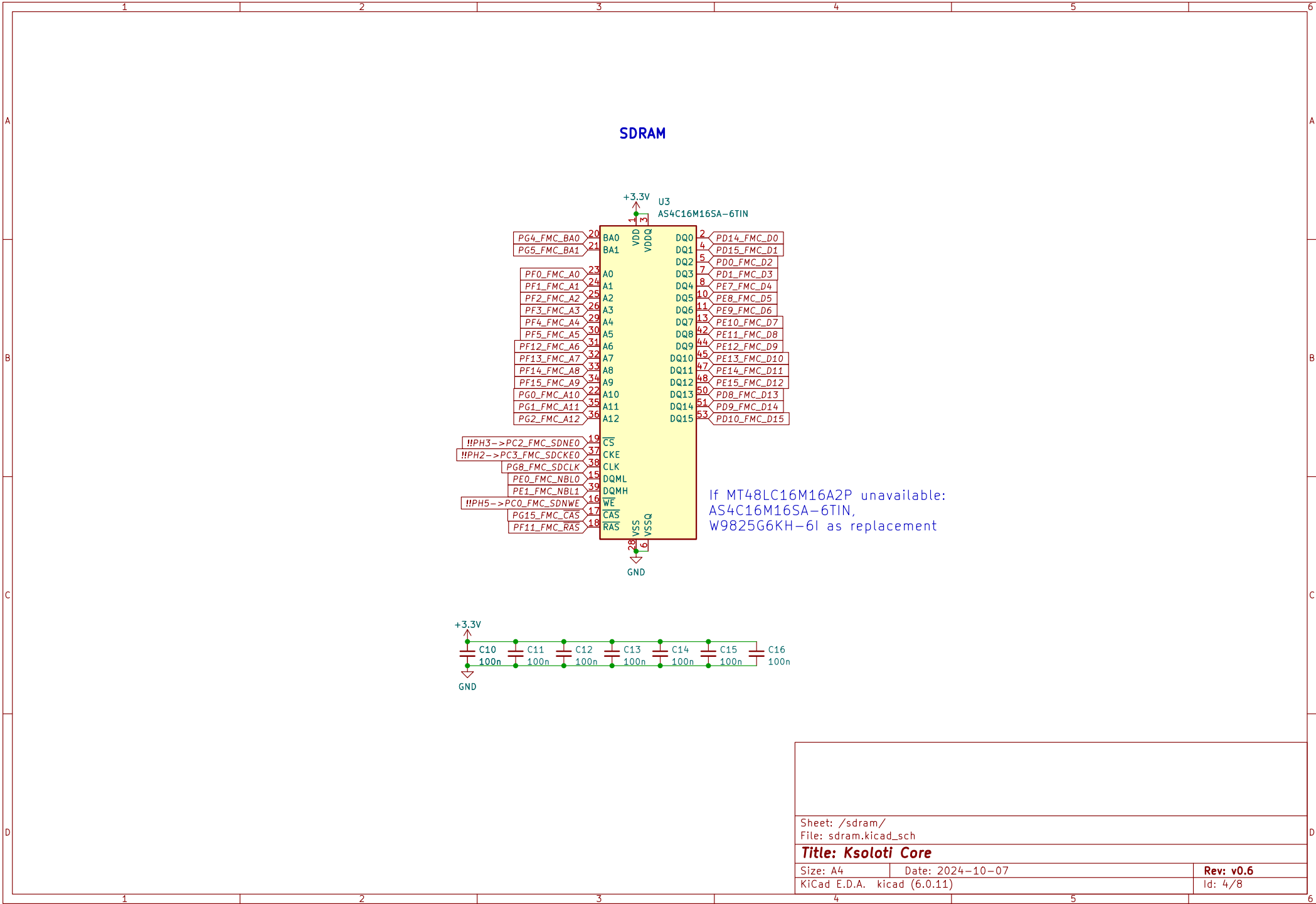
Title: Ksoloti Core

Size: A4 Date: 2024-10-07

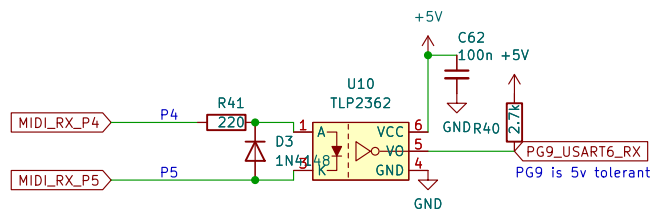
KiCad E.D.A. kicad (6.0.11)

Rev: v0.6

Id: 3/8

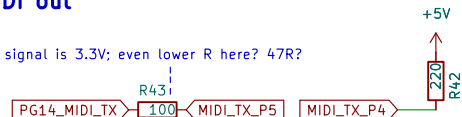


MIDI in (OPTIONAL footprints on the bottom side of the PCB – not placed by default)



MIDI out

signal is 3.3V; even lower R here? 47R?



GND = Shield
M04 = Source
M05 = Sink

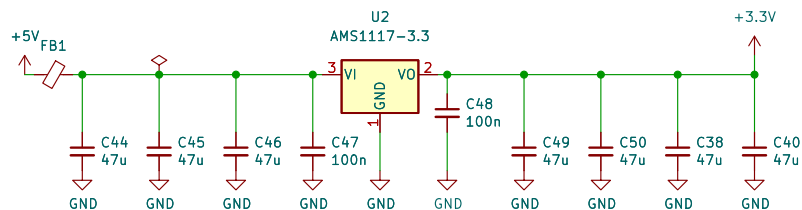
You can connect a DIN MIDI jack directly:

GND -> DIN pin 2
M04 -> DIN pin 4
M05 -> DIN pin 5

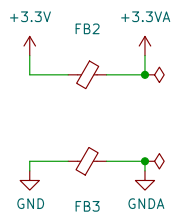
Or for TRS MIDI jacks:

GND -> TRS sleeve
M04 -> TRS ring
M05 -> TRS tip

3.3V digital power supply

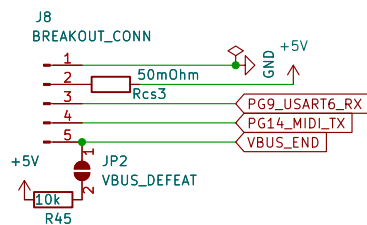


Analog power (audio path only)



To optional power/MIDI board

WARNING: J8 pinout inconsistent with Axoloti Core



Sheet: /power_midi/
File: power.kicad_sch

Title: Ksoloti Core

Size: A4 Date: 2024-10-07

KiCad E.D.A. kicad (6.0.11)

Rev: v0.6

Id: 5/8

[illegible][illegible]

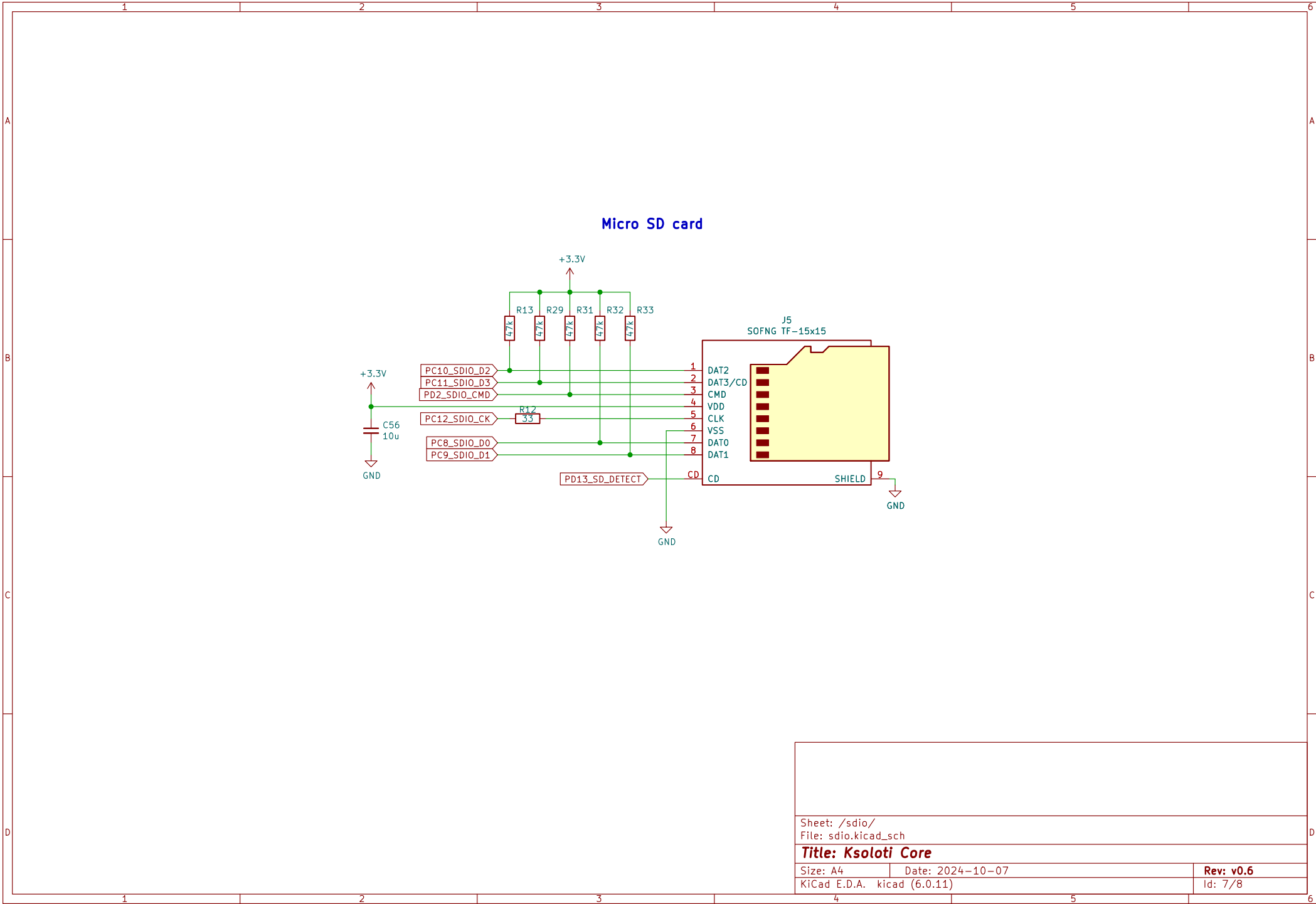
Title: Ksoloti Core

Size: A4	Date: 2024-10-07
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KiCad E.D.A.	kiCad (6.0.11)
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Rev: v0.6

Id: 6/8



A

B

- C

D

Sheet: /changelog/		D
File: changelog.kicad_sch		
Title: Ksoloti Core		
Size: A4	Date: 2024-10-07	
KiCad E.D.A. kicad (6.0.11)		Rev: v0.6
		Id: 8/8