

H1
Mounting Hole
H2
Mounting Hole

H4
Mounting Hole
H3
Mounting Hole

FID2
Fiducial
FID4
Fiducial
FID3
Fiducial

FID5
Fiducial
FID1
Fiducial
FID6
Fiducial

G1 → Space Cookies Logo



1868 SPACE COOKIES

Sheet: /

File: Pico-ButtonBoard-v1.kicad_sch

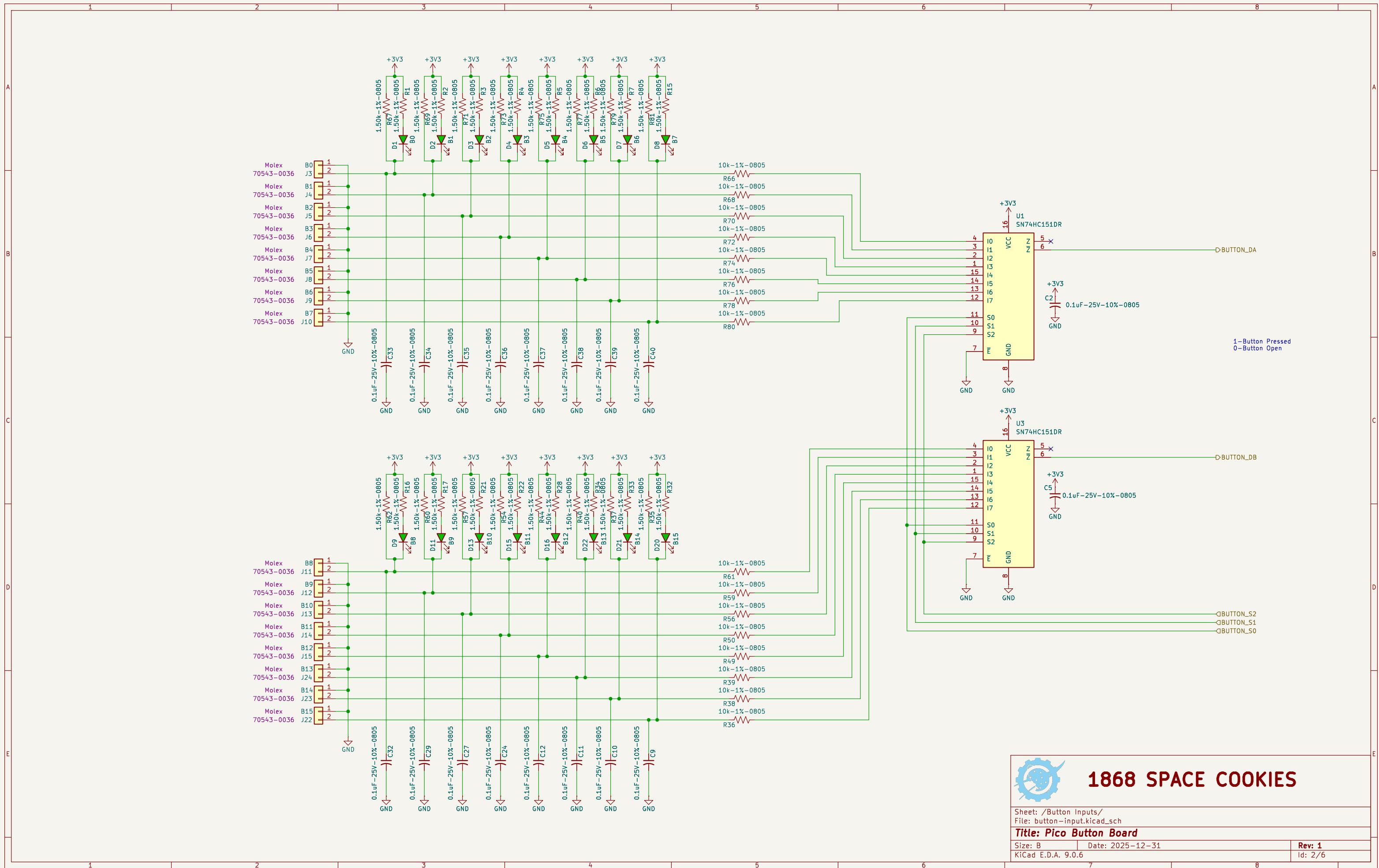
Title: Pico Button Board

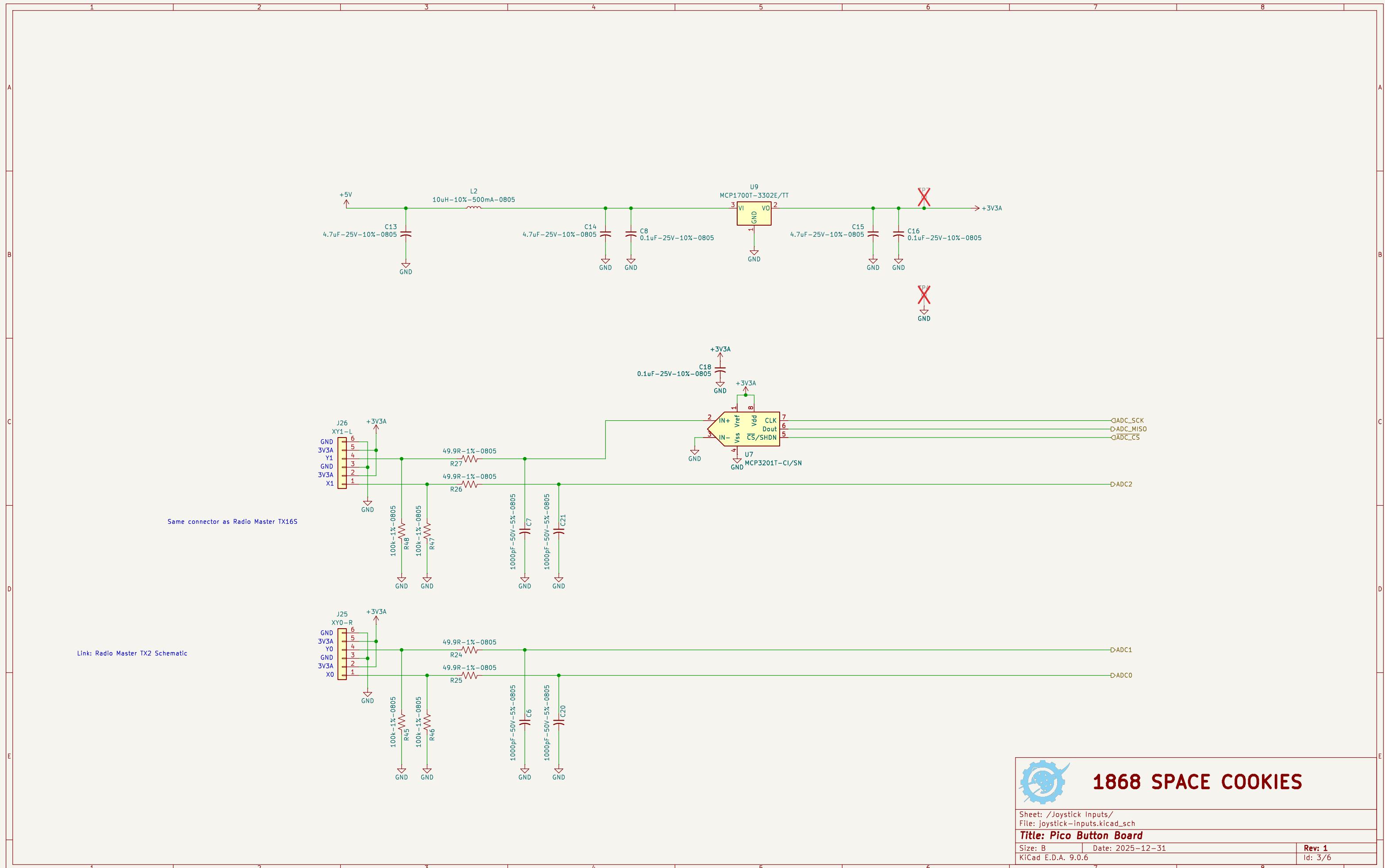
Size: B Date: 2025-12-31

KiCad E.D.A. 9.0.6

Rev: 1

Id: 1/6





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Sheet: /Joystick Inputs/
File: joystick-inputs.kicad_sch

Title: Pico Button Board
Size: B Date: 2025-12-31
KiCad E.D.A. 9.0.6 Id: 3/6

1 2 3 4 5 6 7 8

Power supply input range: 8V – 30V
– Allows use of M12 and M18 Milwaukee battery packs.

– Input power can be sourced from either a Milwaukee battery pack or an AC power adapter.
– Voltage of the battery pack may be higher than the AC adapter.
– The battery pack is disabled from supplying power whenever the AC adapter is greater than 9V.
– All inputs are protected from reverse polarity.

A

A

B

B

C

C

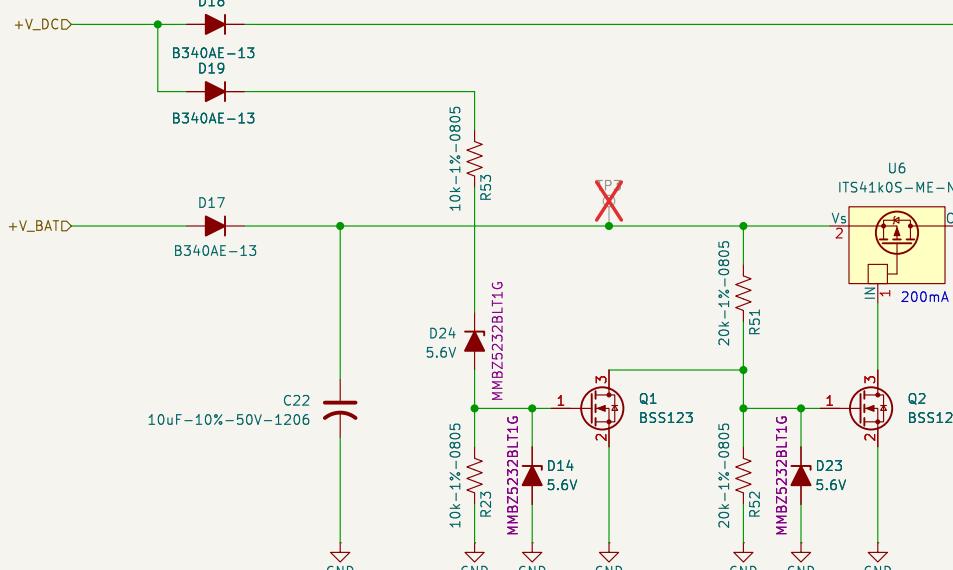
D

D

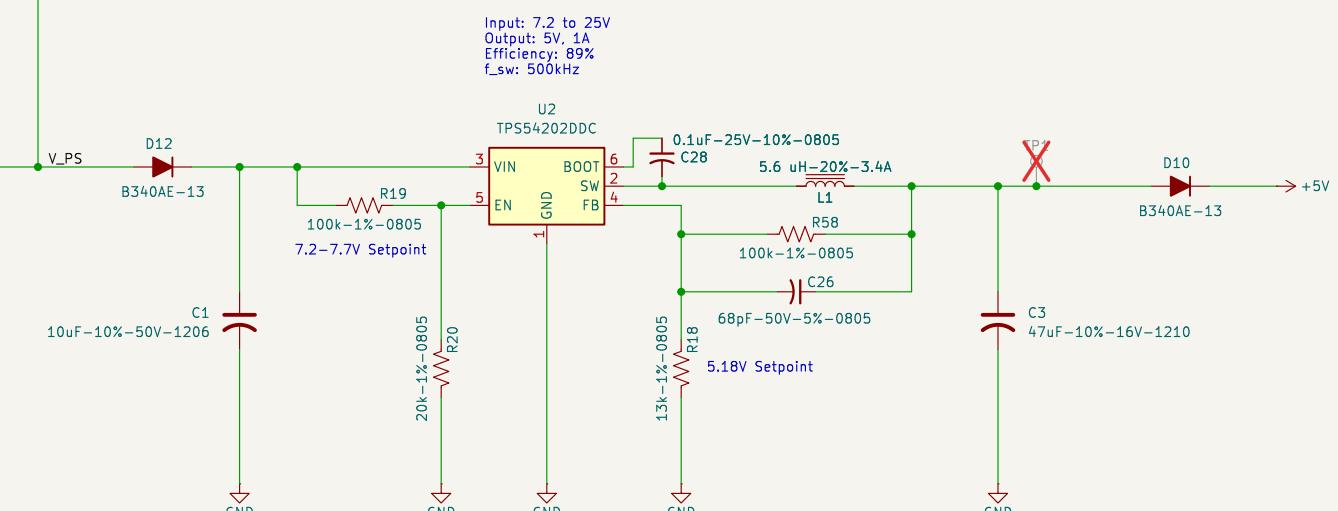
E

E

Battery Backup



5V Power Supply



→ TPS54202-DCDC-Analyse



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Sheet: /Power Supply/
File: power-supply.kicad_sch

Title: Pico Button Board

Size: B Date: 2025-12-31

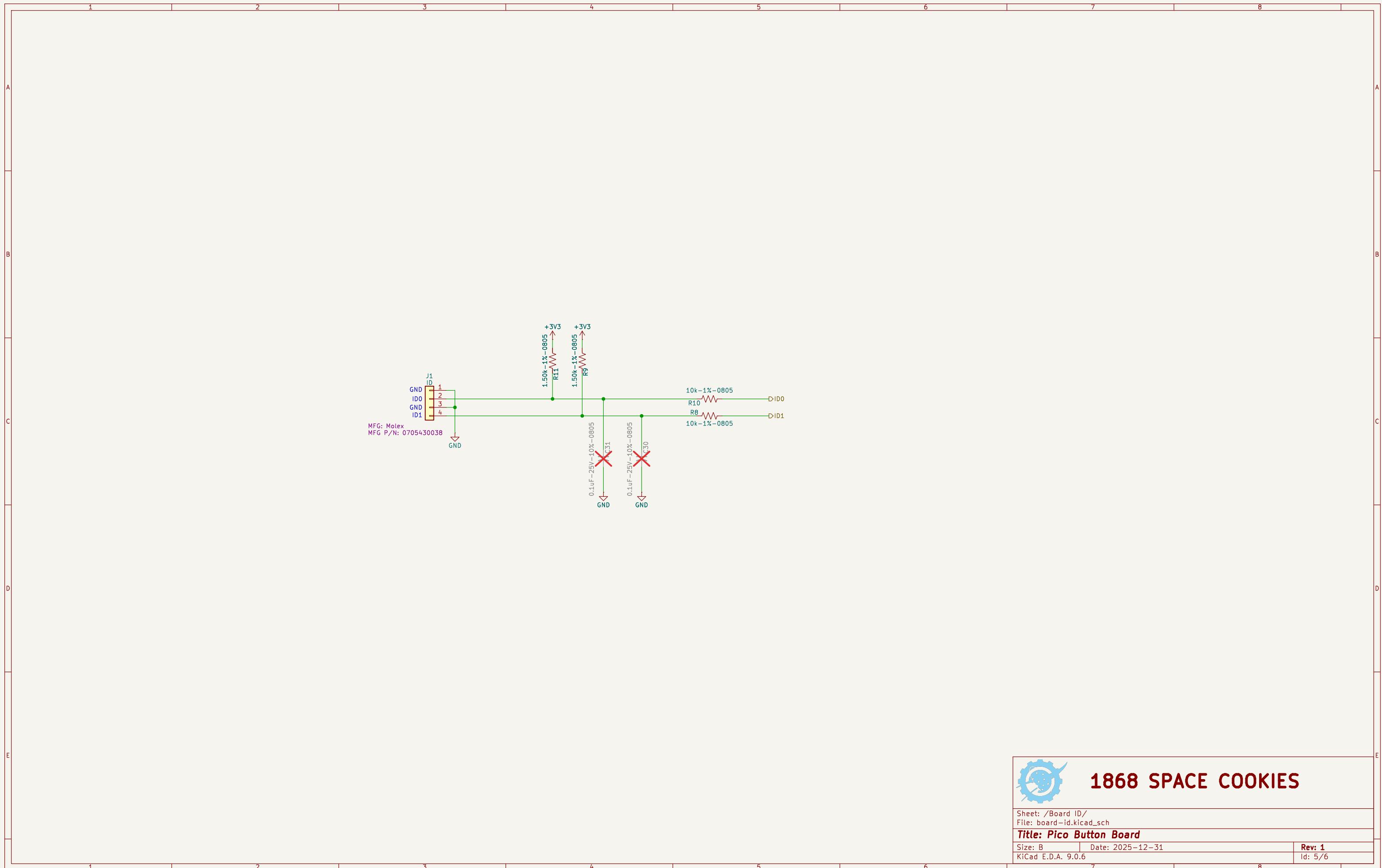
KiCad E.D.A. 9.0.6

Rev: 1

Id: 4/6

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8



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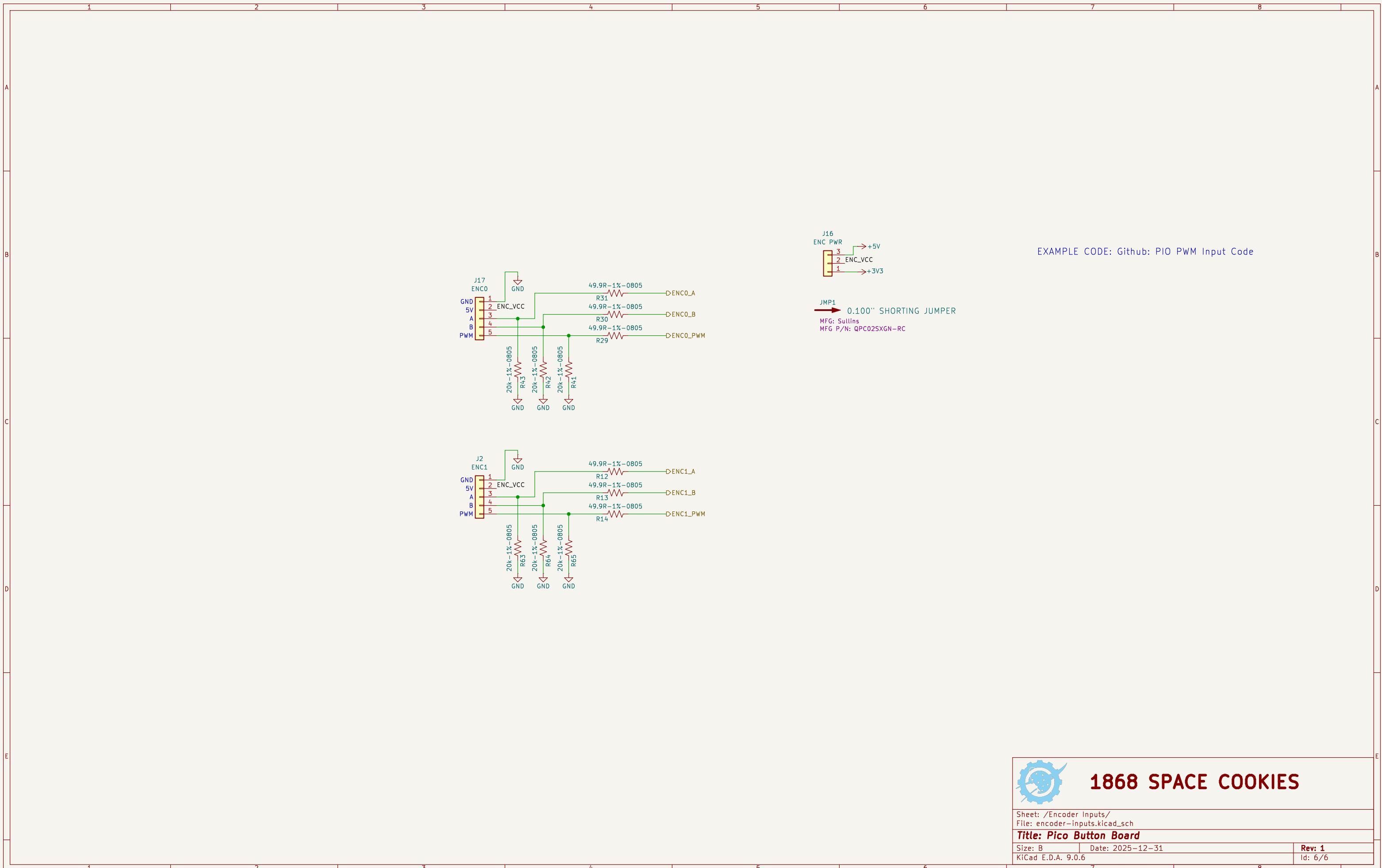
Sheet: /Board ID/
File: board-id.kicad_sch

Title: Pico Button Board

Size: B Date: 2025-12-31
KiCad E.D.A. 9.0.6

Rev: 1
Id: 5/6

1 2 3 4 5 6 7 8



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Sheet: /Encoder_Inputs/
File: encoder_inputs.kicad_sch

Title: Pico Button Board

Size: B Date: 2025-12-31
KiCad E.D.A. 9.0.6

Rev: 1
Id: 6/6