

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

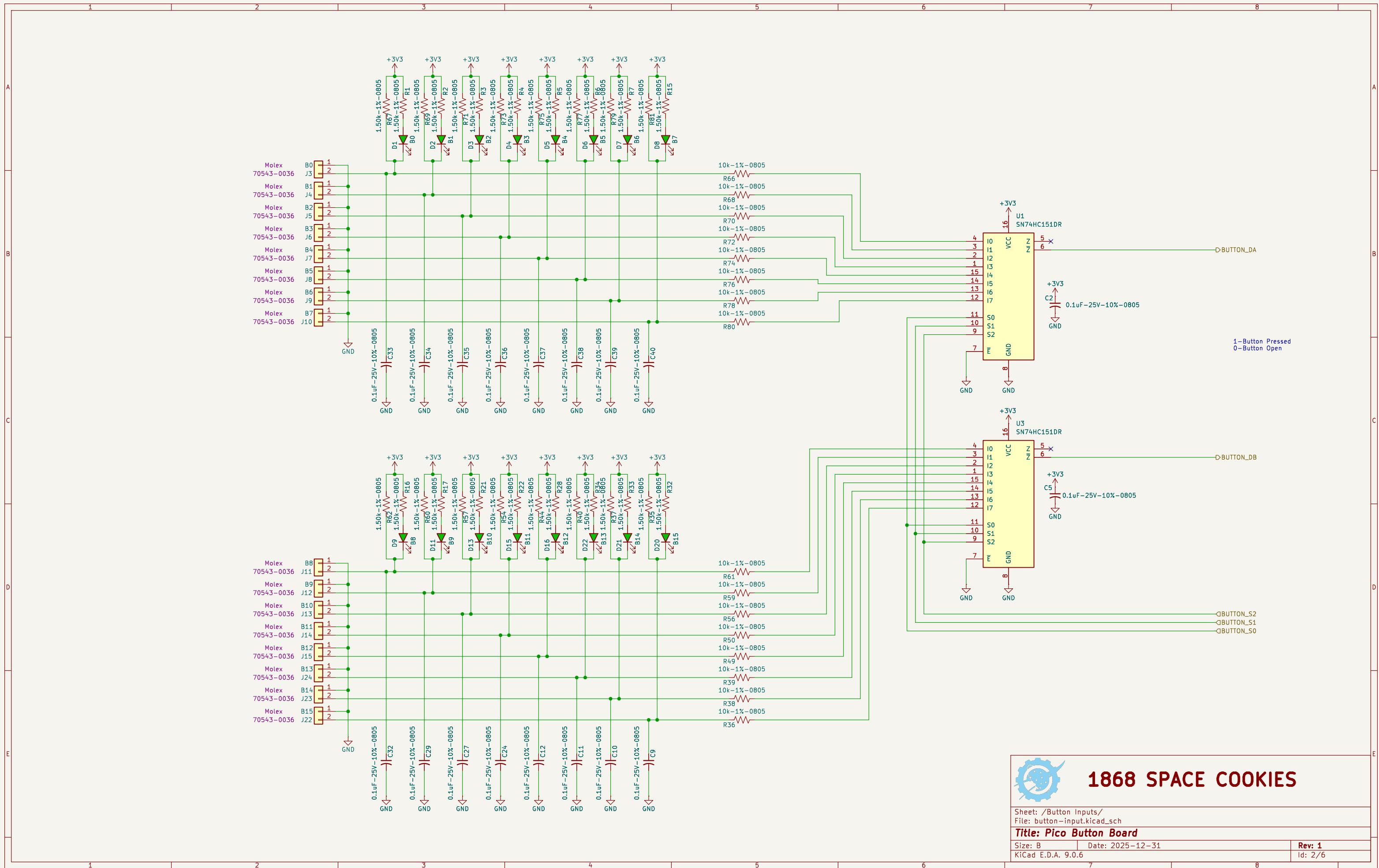
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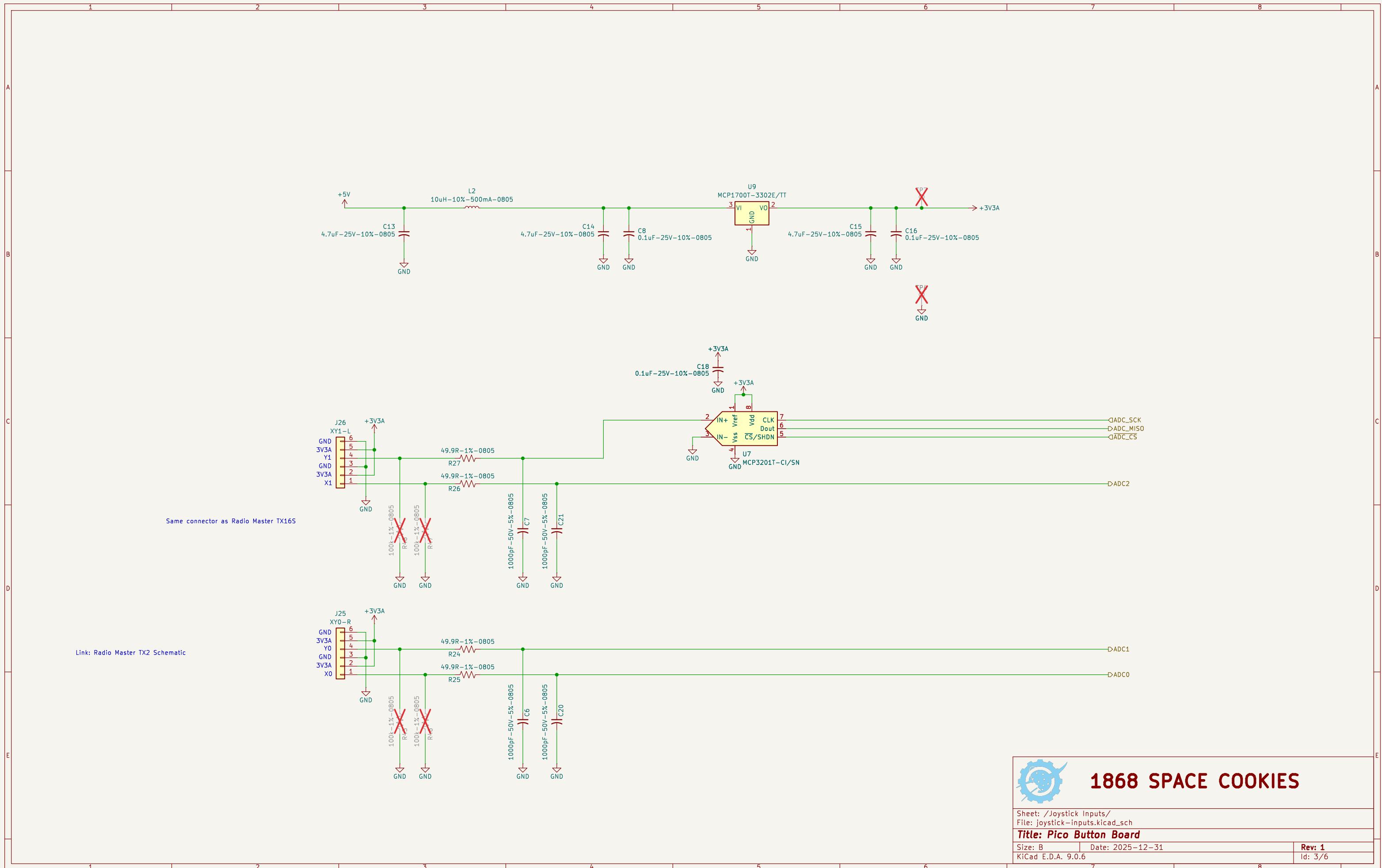
Size: B Date: 2025-12-31

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Rev: 1

Id: 1/6





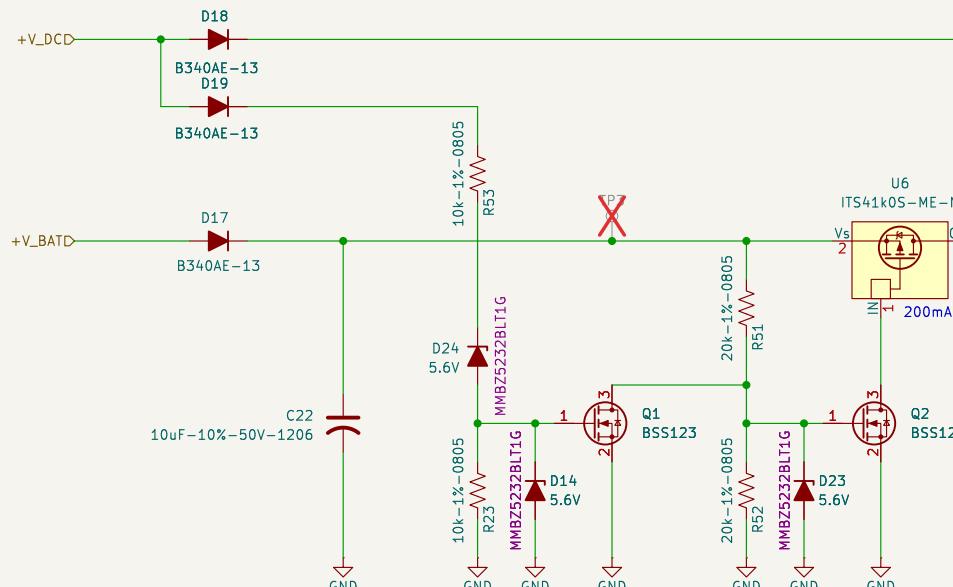
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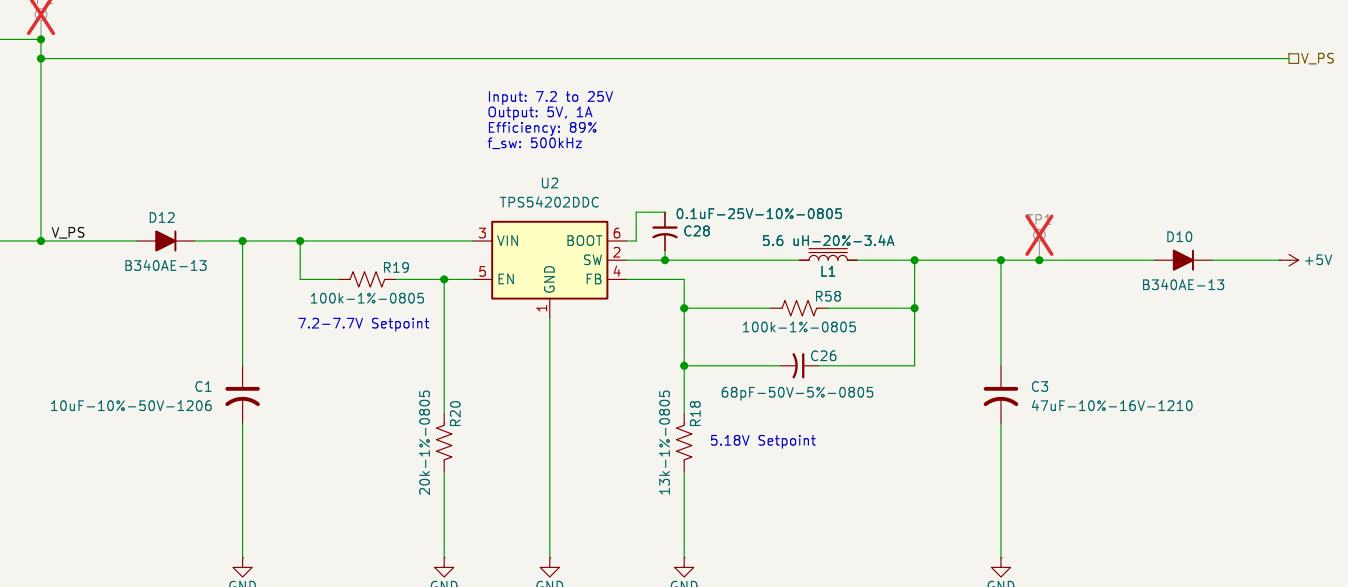
Title: Pico Button Board
Size: B Date: 2025-12-31
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- Power supply input range: 8V – 30V
- Allows use of M12 and M18 Milwaukee battery packs.
- Input power can be sourced from either a Milwaukee battery pack or an AC power adapter.
- Voltage of the battery 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

Battery Backup



5V Power Suppl



→ TPS54202 – DCDC – Analysi



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

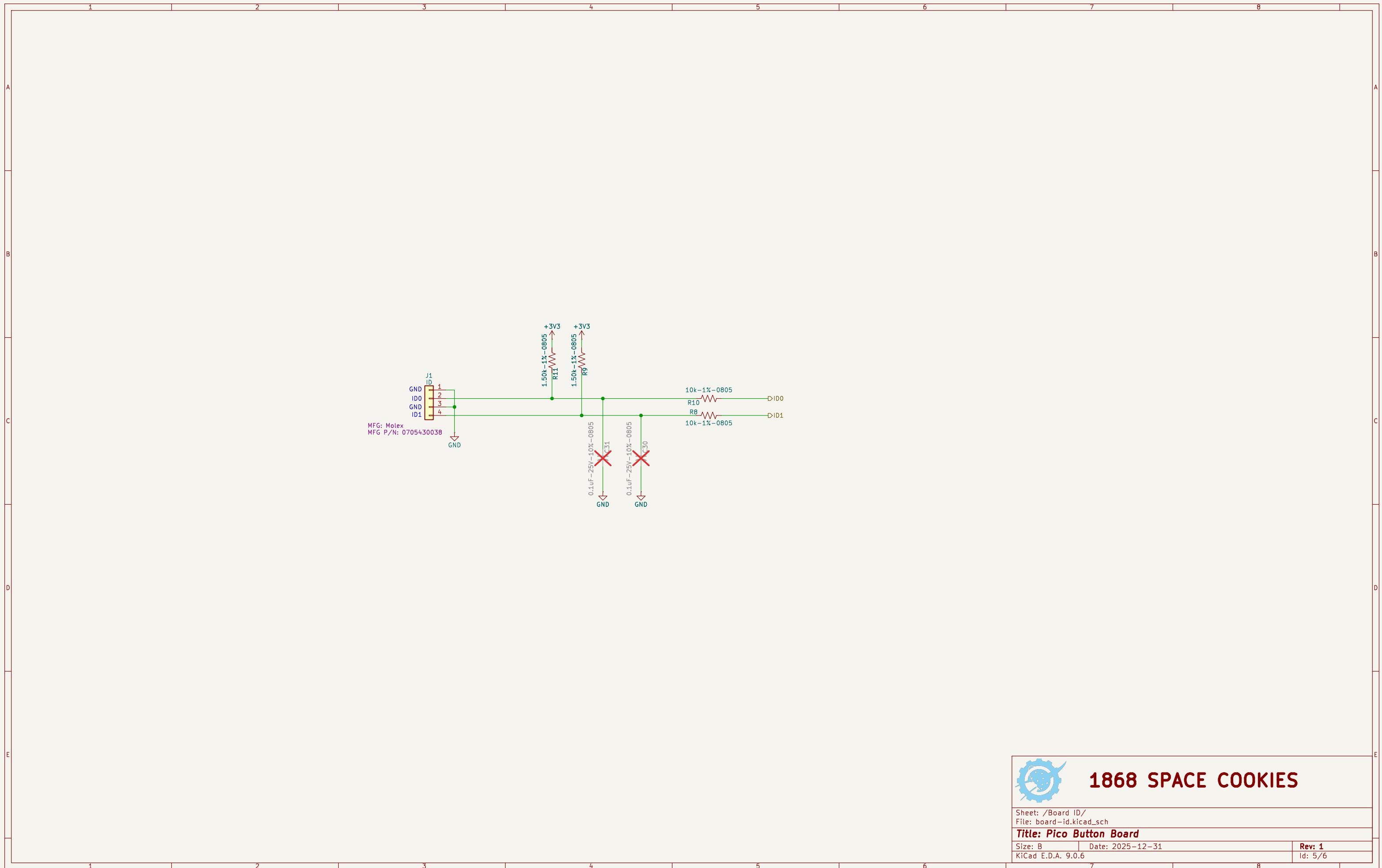
Title: Pico Button Board

Size: B Date: 2025-12-31

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Id

1 2 3 4 5 6 7 8



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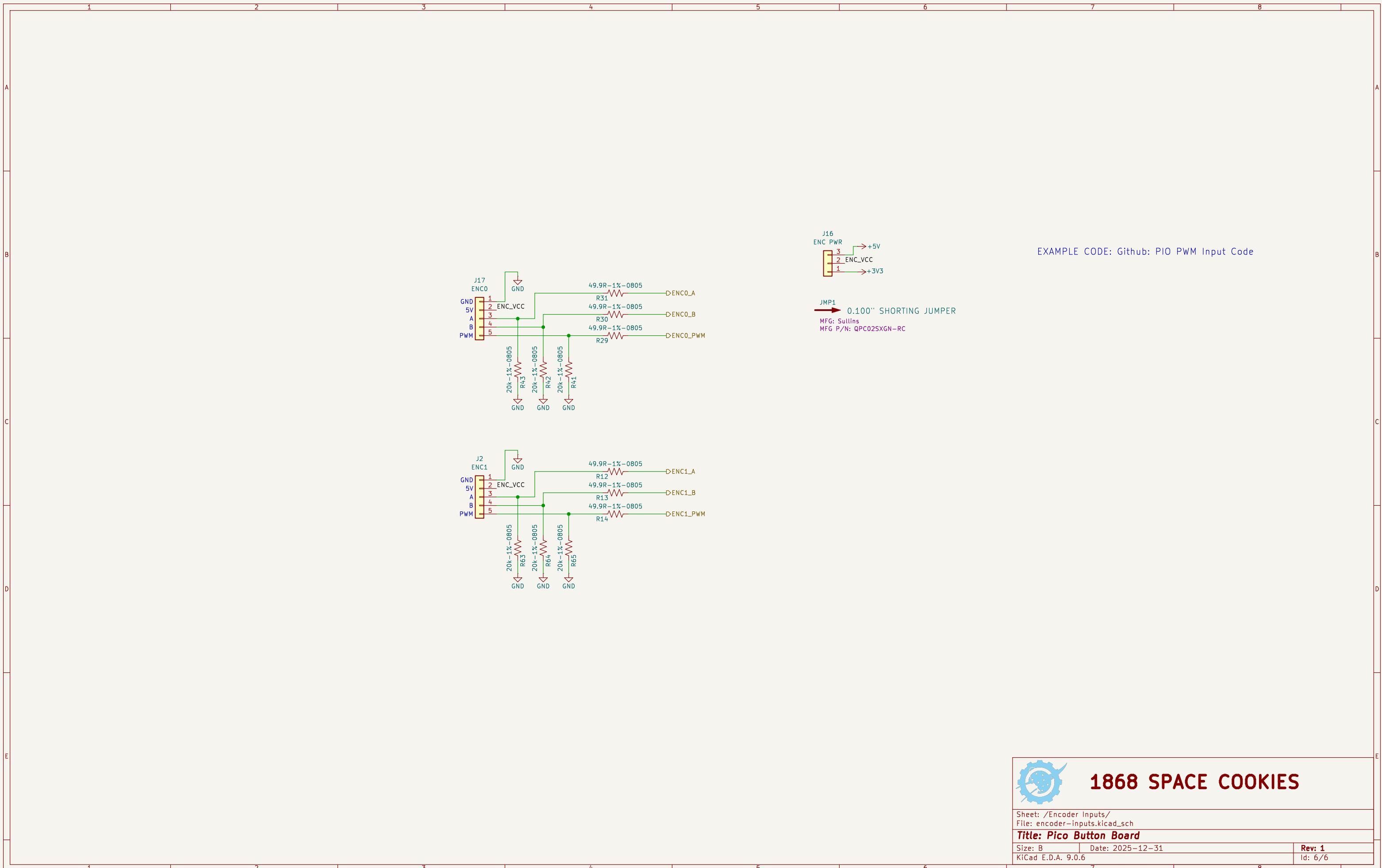
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Title: Pico Button Board

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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