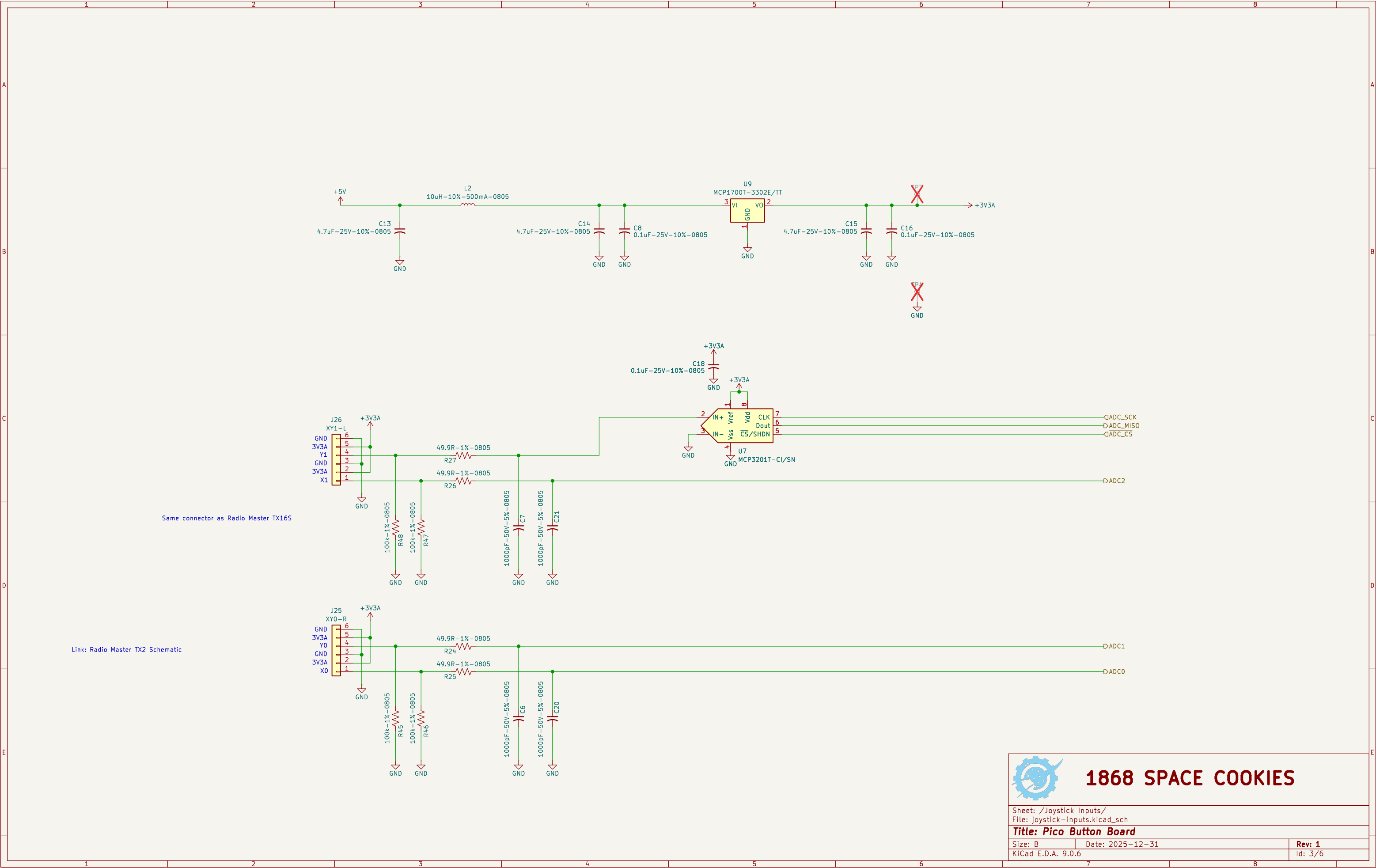


1868 SPACE COOKIES

Sheet: /Button Inputs/ File: button-input.kicad_sch		
Title: Pico Button Board		
Size: B	Date: 2025-12-31	Rev: 1
KiCad E.D.A. 9.0.6		Id: 2/6

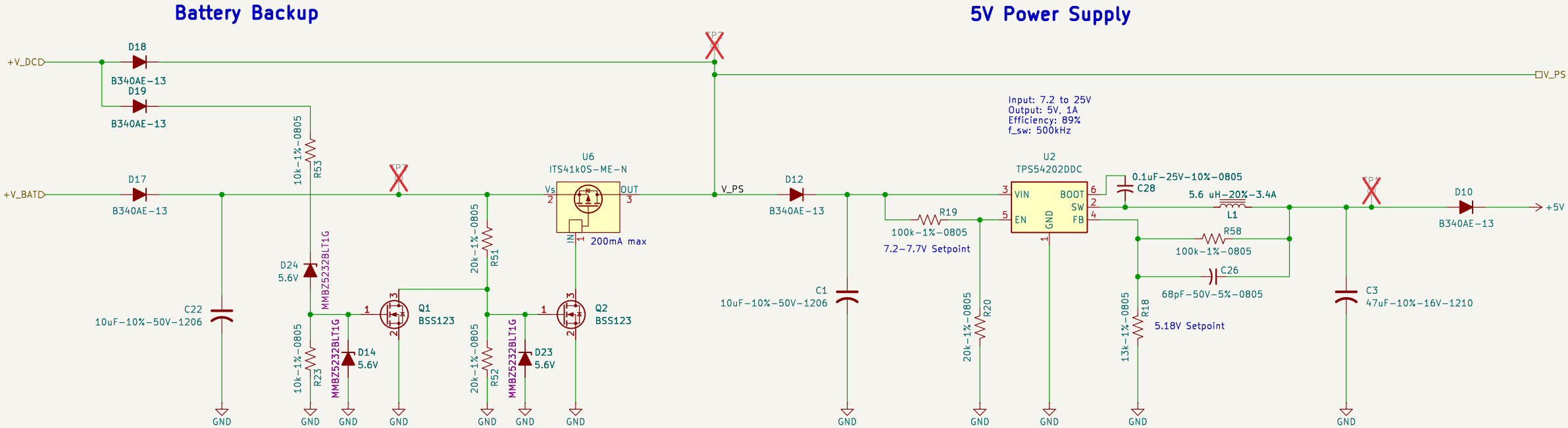


1868 SPACE COOKIES

Sheet: /Joystick Inputs/ File: joystick-inputs.kicad_sch		
Title: Pico Button Board		
Size: B	Date: 2025-12-31	Rev: 1
KiCad E.D.A. 9.0.6		Id: 3/6

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

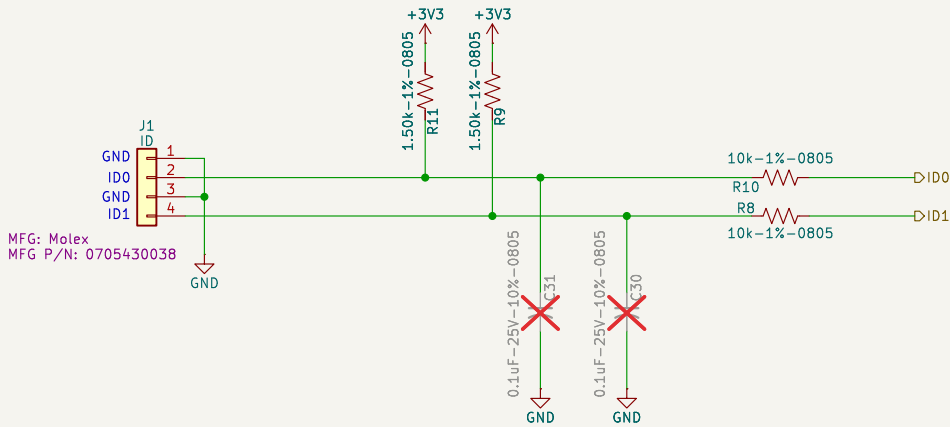
– Input power can be sourced from either a Milwaukee battery pack an AC power adapter.
– Voltage of the battery pack may be higher than the AC adapter.
– The battery pack is disabled from supplying power whenever the AC adapter is greater than 9V.
– All inputs are protected from reverse polarity



TPS54202-DCDC-Analysis

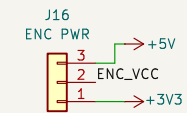
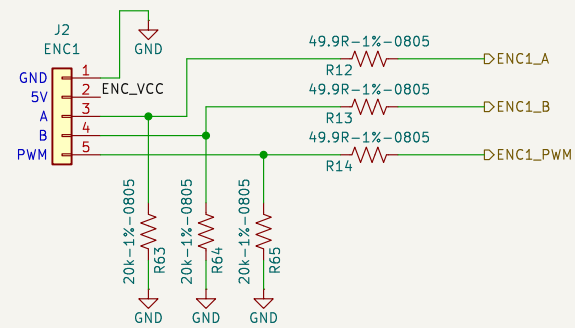
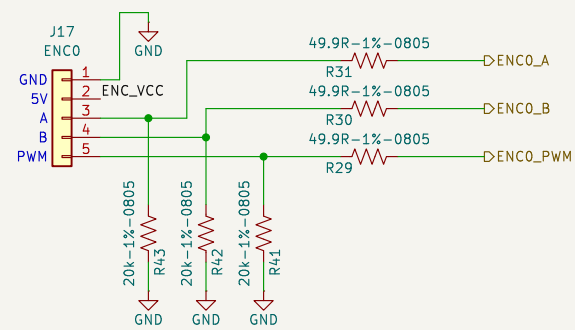


1868 SPACE COOKIES



1868 SPACE COOKIES

Sheet: /Board ID/ File: board-id.kicad_sch		
Title: Pico Button Board		
Size: B	Date: 2025-12-31	Rev: 1
KiCad E.D.A. 9.0.6		Id: 5/6



JMP1
→ 0.100" SHORTING JUMPER
MFG: Sullins
MFG P/N: QPC02SXGN-RC

EXAMPLE CODE: Github: PIO PWM Input Code



Sheet: /Encoder Inputs/
File: encoder-inputs.kicad_sch

Title: Pico Button Board

Size: B

Date: 2025-12-31

Rev: 1

KiCad E.D.A. 9.0.6

REV. 1

d: 6/6