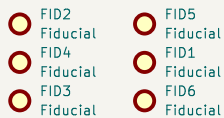
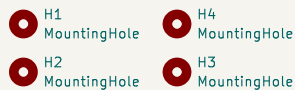
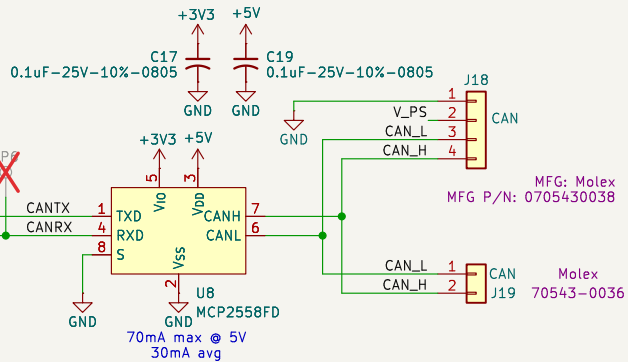
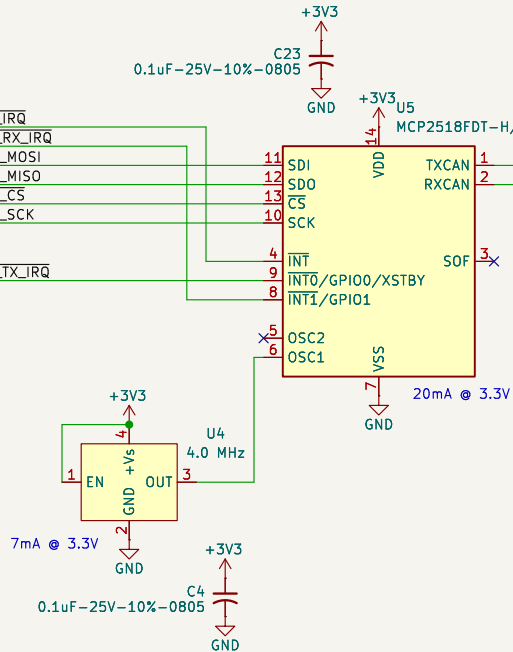
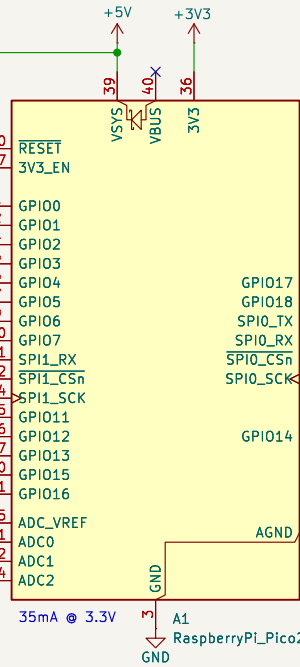
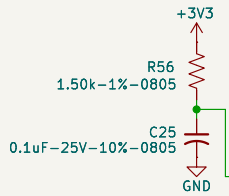
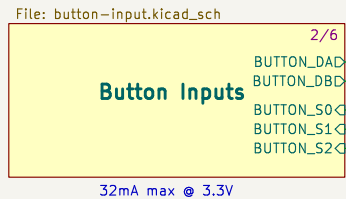
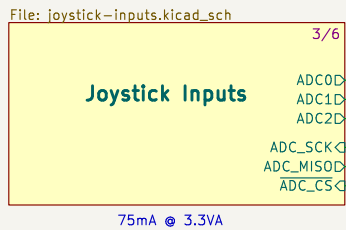
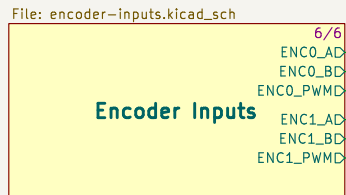


RP2350 Datasheet

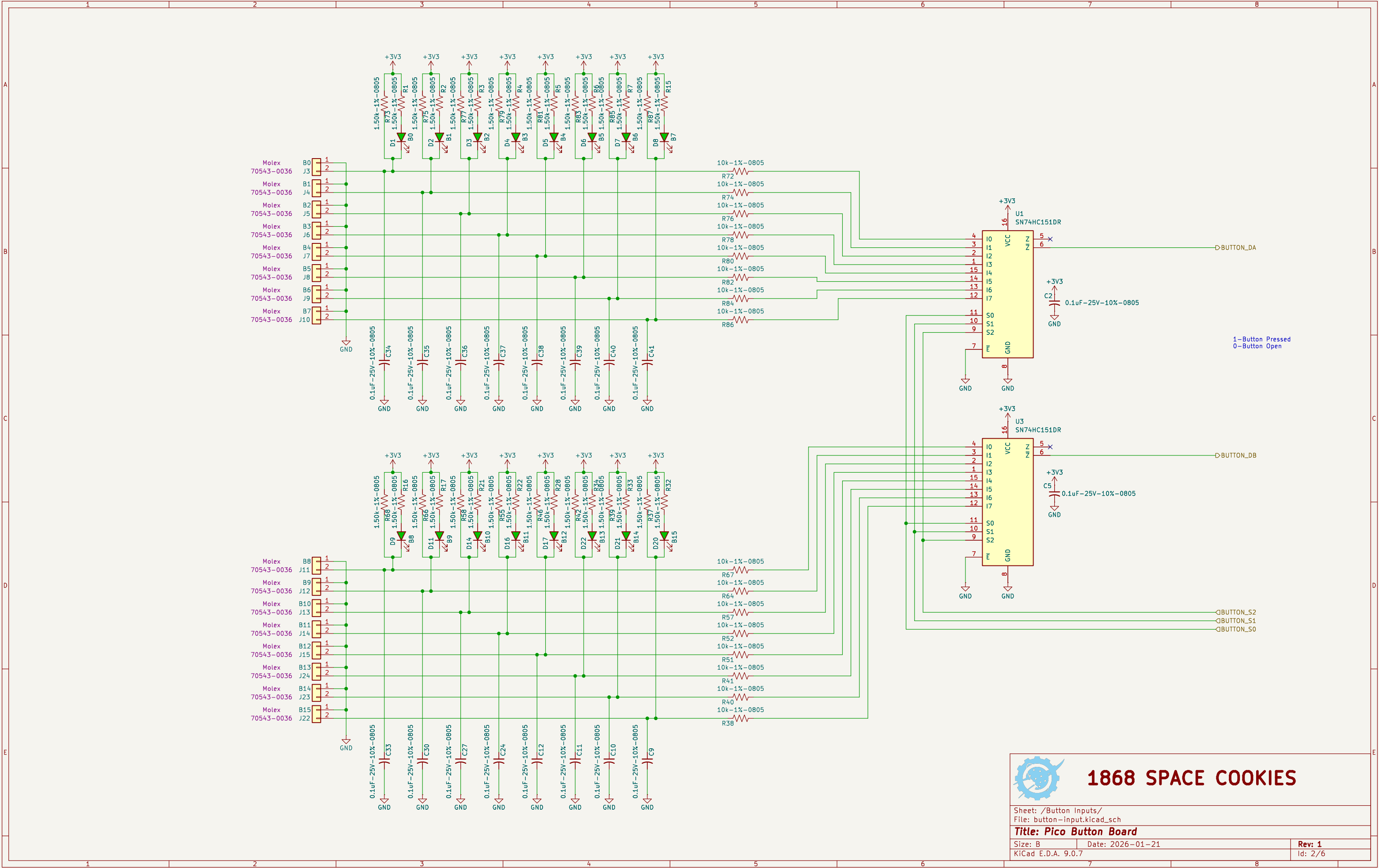


G1 Space Cookies Logo



1868 SPACE COOKIES

Sheet: /		
File: Pico-ButtonBoard-v1.kicad_sch		
Title: Pico Button Board		
Size: B	Date: 2026-01-21	Rev: 1
KiCad E.D.A. 9.0.7	Id: 1/6	

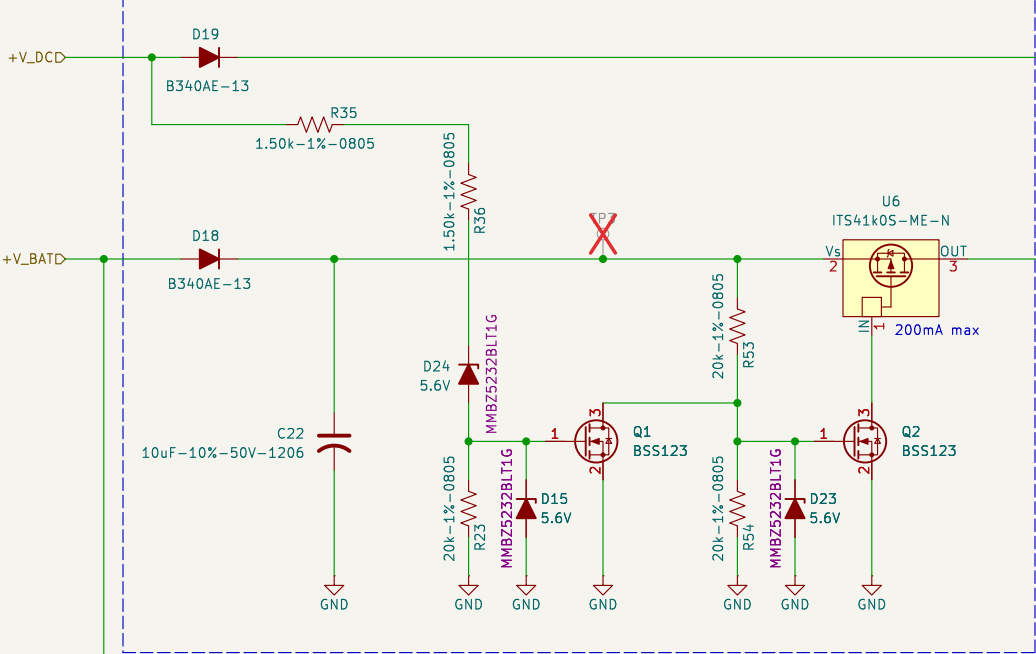




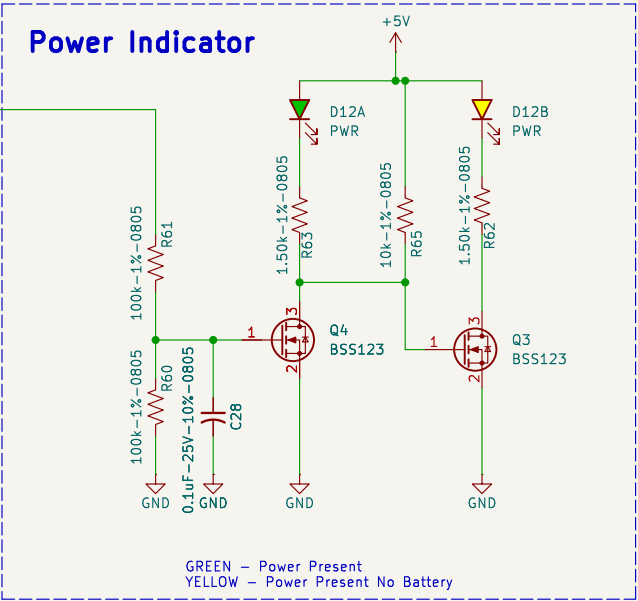
Power supply input range: 8V – 25V  
– Allows use of M12 and M18 Milwaukee battery packs.

– 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

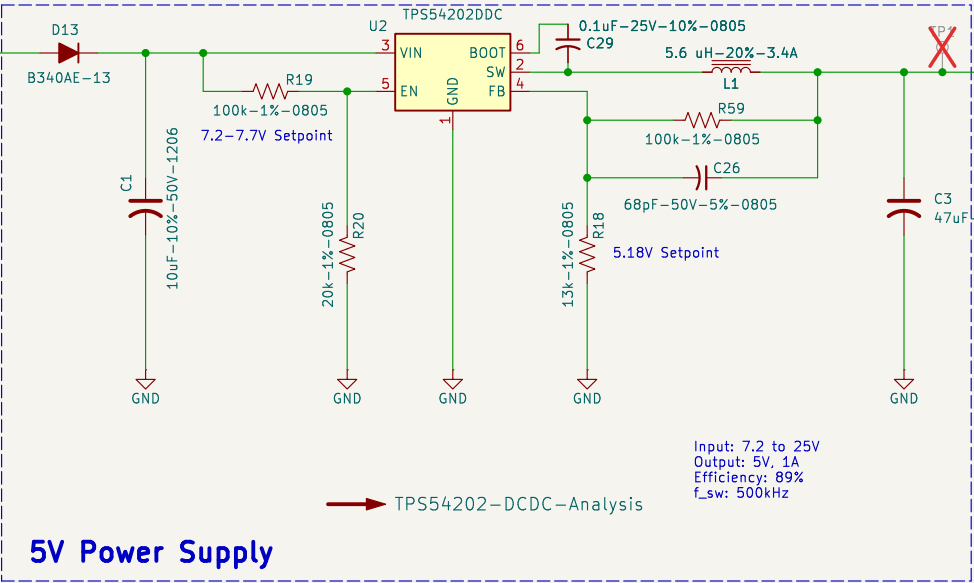
Battery Backup Selector



Power Indicator

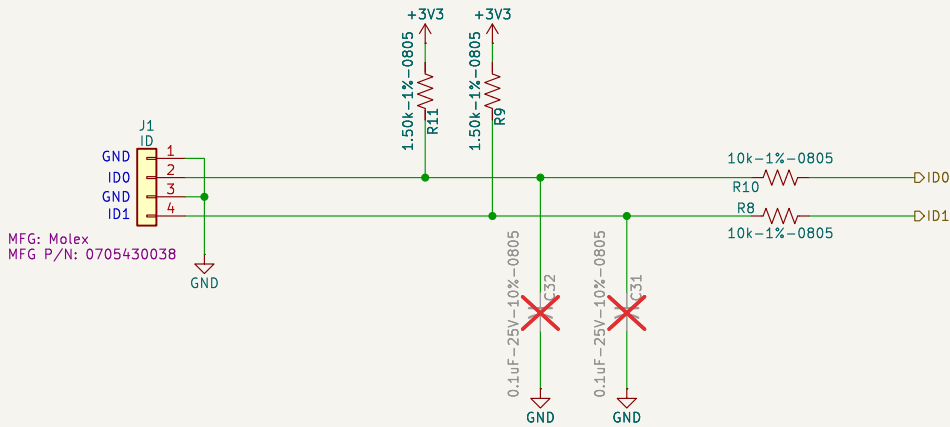


5V Power Supply



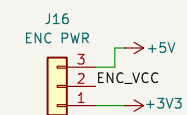
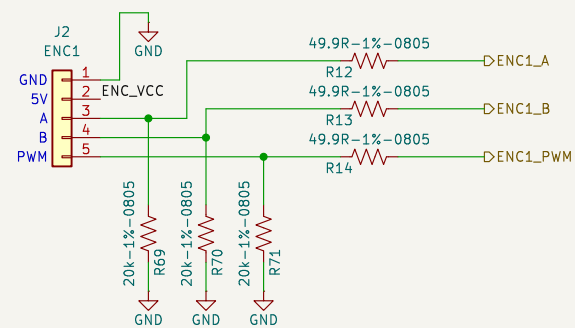
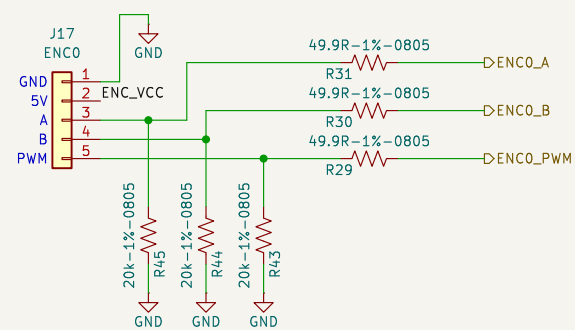
1868 SPACE COOKIES

Sheet: /Power Supply/ File: power-supply.kicad_sch		
Title: Pico Button Board		
Size: B	Date: 2026-01-21	Rev: 1
KiCad E.D.A. 9.0.7	Id: 4/6	



# 1868 SPACE COOKIES

Sheet: /Board ID/ File: board-id.kicad_sch		
Title: <b>Pico Button Board</b>		
Size: B	Date: 2026-01-21	Rev: <b>1</b>
KiCad E.D.A. 9.0.7		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: 2026-01-21
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KiCad E.D.A. 9.0.7

Rev: 1  
d: 6/6