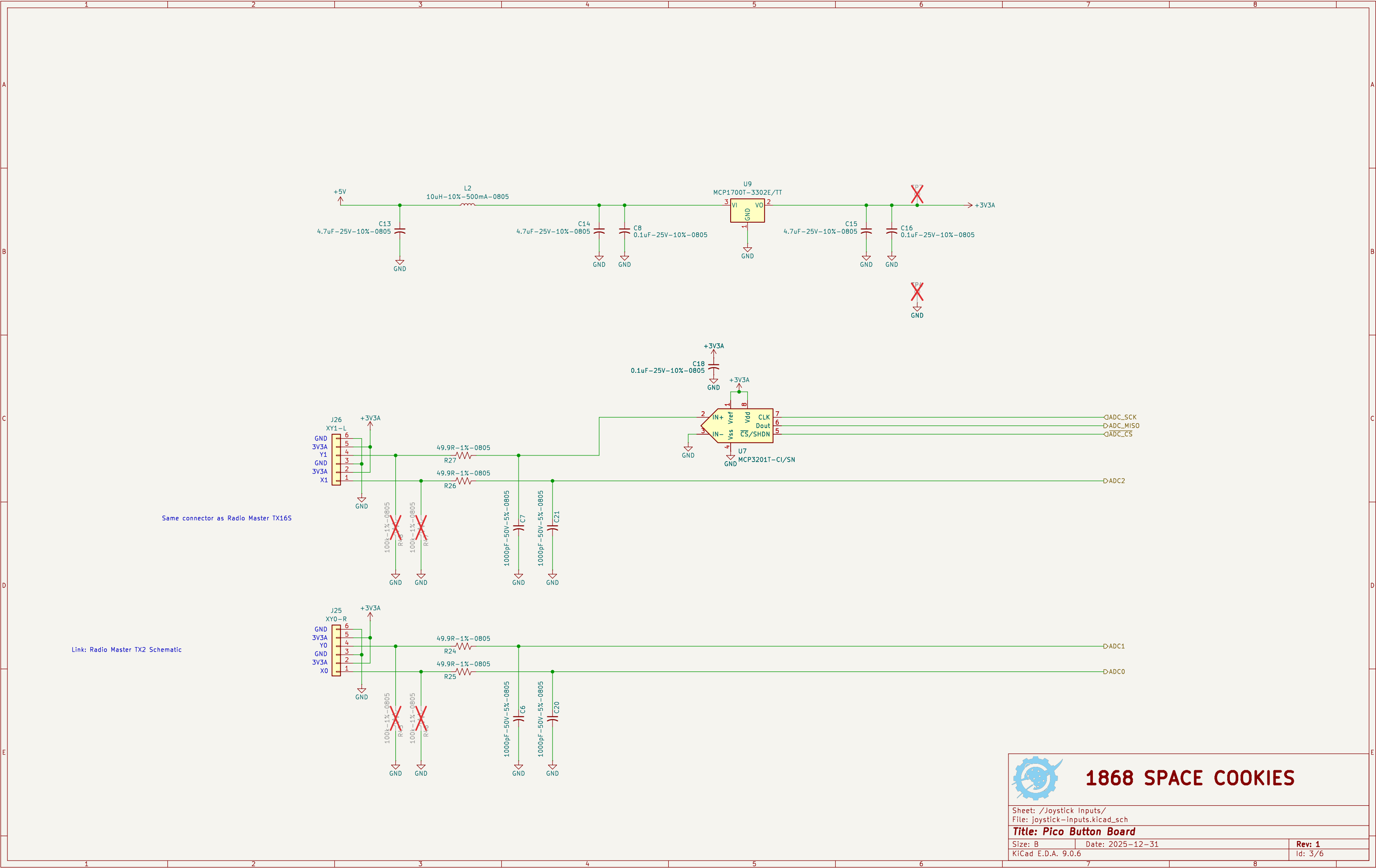


# 1868 SPACE COOKIES

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

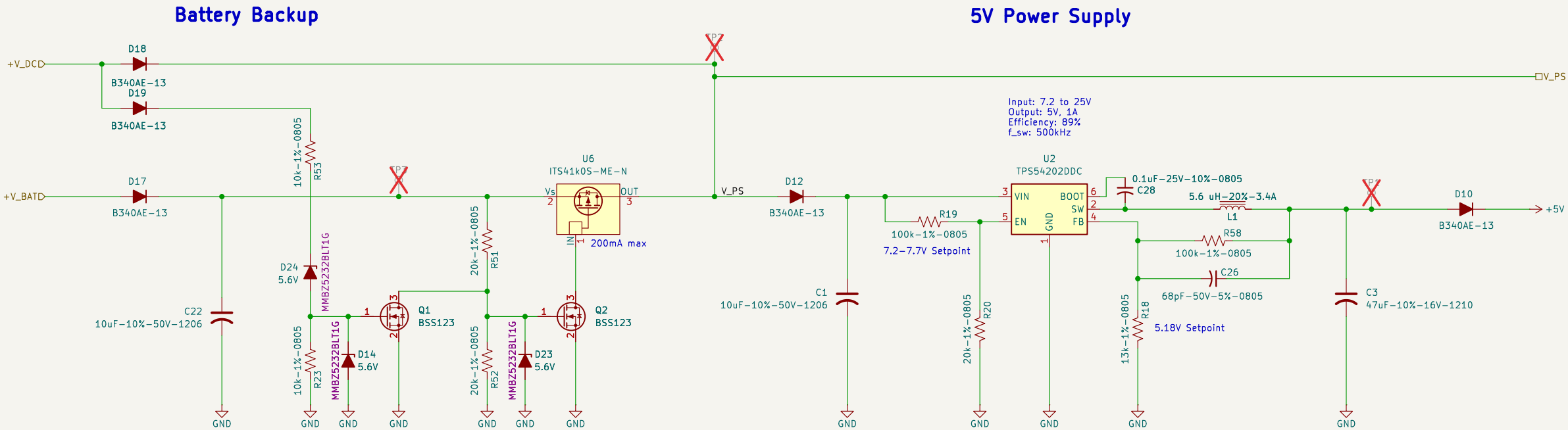


1868 SPACE COOKIES

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

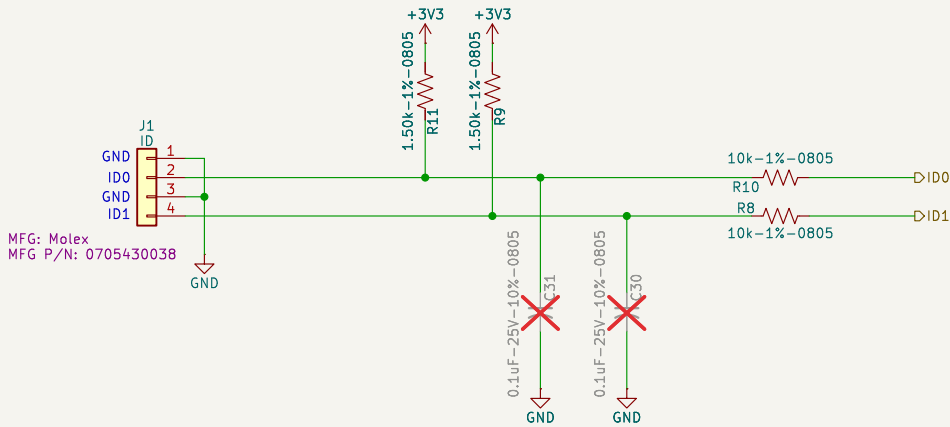
Power supply input range: 8V – 30V  
– Allows use of M12 and M18 Milwaukee battery packs.

– 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



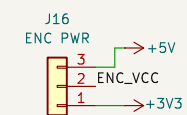
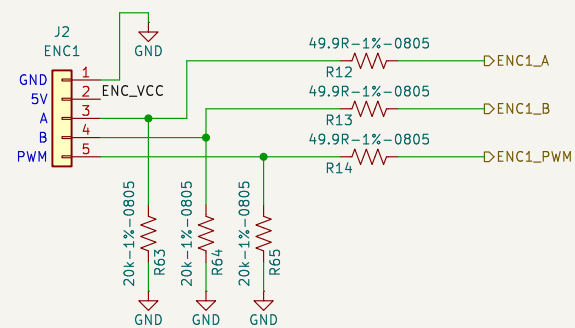
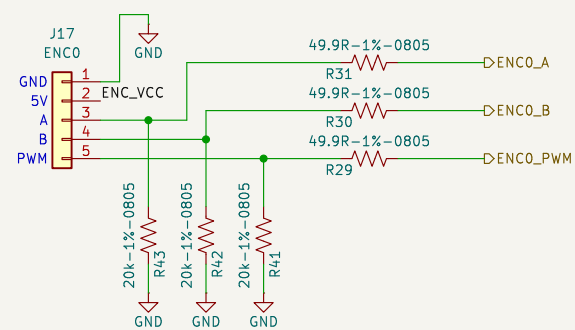
1868 SPACE COOKIES

|   |                  |        |
|---|------------------|--------|
| Sheet: /Power Supply/<br>File: power-supply.kicad_sch |                  |        |
| Title: Pico Button Board                              |                  |        |
| Size: B   | Date: 2025-12-31 | Rev: 1 |
| KiCad E.D.A. 9.0.6                                    | Id: 4/6          |        |



# 1868 SPACE COOKIES

|   |                  |               |
|---|------------------|---------------|
| Sheet: /Board ID/<br>File: board-id.kicad_sch |                  |               |
| Title: <b>Pico Button Board</b>               |                  |               |
| Size: B                                       | Date: 2025-12-31 | Rev: <b>1</b> |
| 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 |
|---------|------------------|

KiCad E.D.A. 9.0.6

Rev: 1  
Id: 6/6