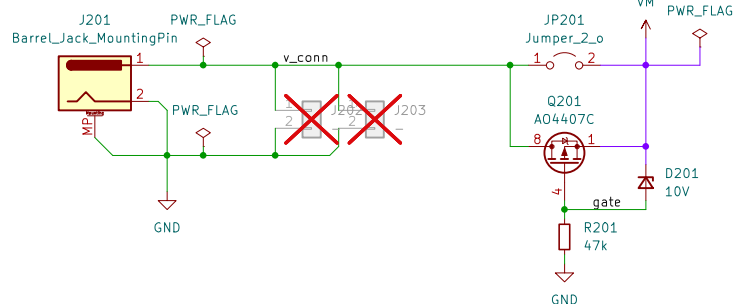


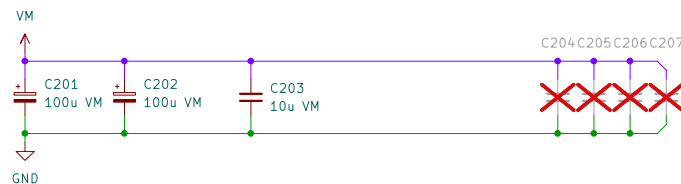
```
candidate values:
2k+1k          3.63/1.65 1%
1k8+(680+220) 4.0/1.83 1%
1k5+(680+100) 4.8/2.2 0.2%
1k43+732(extend.) 5.08 0.1% <-- USED HERE
(1k2+120)+680 5.5/2.5 0.0%
1k2+(470+180) 5.9/2.7 2%
1k2+620(extend.) 5.9/2.7 0.1%
1k1+560 (0603) 6.6/3.0 0.4%
```



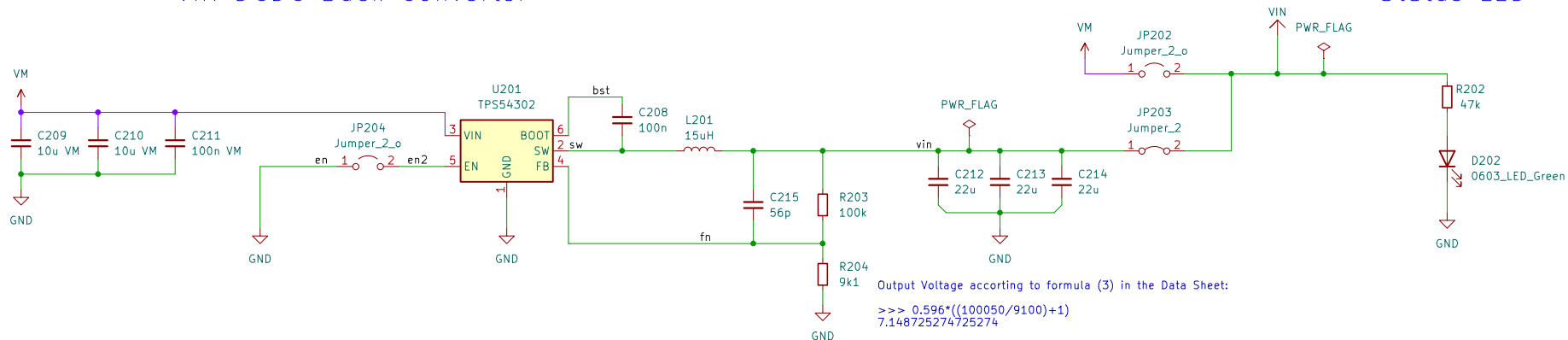
## Barrel Jack



## Reverse Polarity Protection

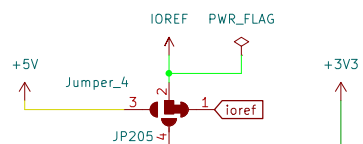


## VIN DCDC Buck Converter

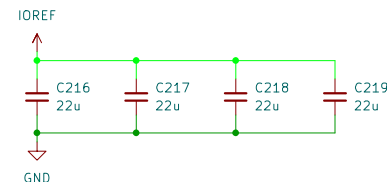
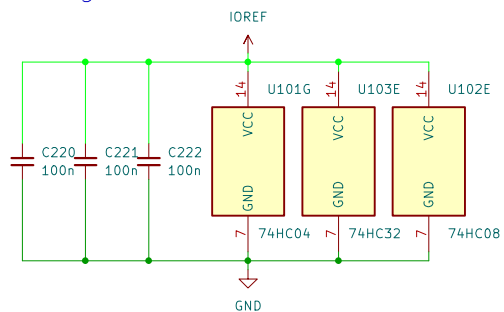


## Status LED

## IORef Override



## Logic IC Power



Licensed under  
CERN-OHL-W v2 or later  
Engineer: Erwin Peterlin  
Edits: Fred Decker  
**semify-eda.com**



**Title: EX-Motorshield8874**

Size: A4 Date: 2024-05-02

KiCad E.D.A. 8.0.2

Rev: RevA

Id: 2/2