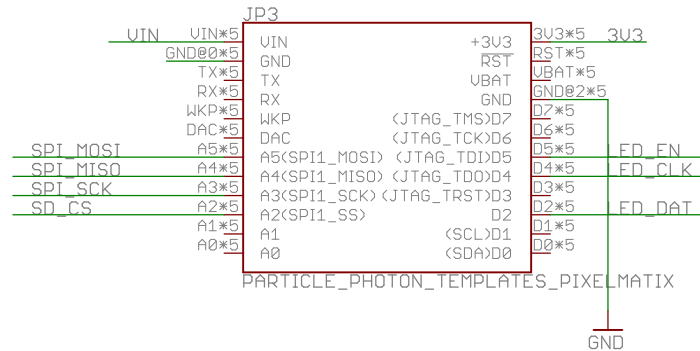
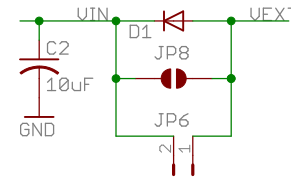


## Photon

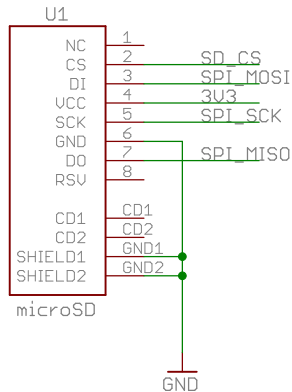


## Power

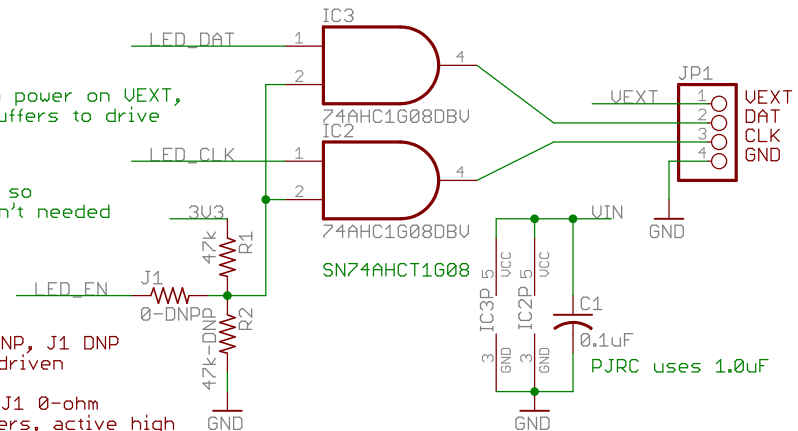


Optionally add jumper to JP8/JP6 to power strip through UUSB  
C2 may be unnecessary, will test

## microSD Card



## APA102 Buffers



what if there's no power on UEXT,  
will it hurt the buffers to drive  
them with 3.3V?

add a SMT jumper so  
0-ohm resistor isn't needed  
if populated?

CONFIG OPTIONS  
Default: R1 47k, R2 DNP, J1 DNP  
LEDs will always be driven

Alt: R1 DNP, R2 47k, J1 0-ohm  
LED\_EN controls drivers, active high

SmartMatrix APA102 Shield for Photon  
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REV:  
V3

Date: 4/19/16 5:18 PM

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