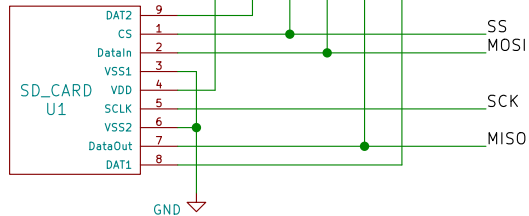
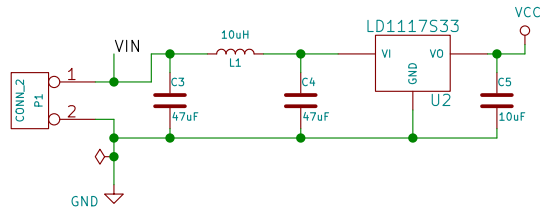


### SD Card Socket



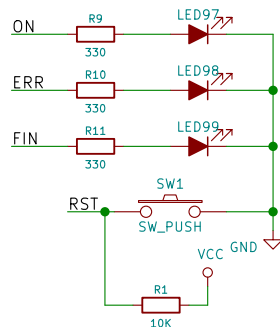
### Power Supply

5V Input Supply (VIN)  
VIN supplies LED grid  
Regulated 3.3V (VCC) supplies ICs

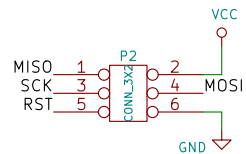


### Status & Reset

SW1 – Switch to reset processor  
LED97 – lit when running  
LED98 – lit if error  
LED99 – lit once finished  
(LED behaviour software dependant)

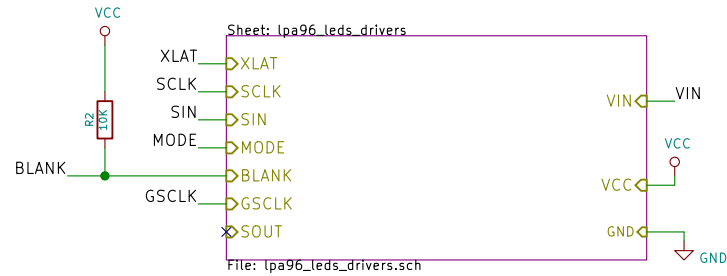


### Programming Header

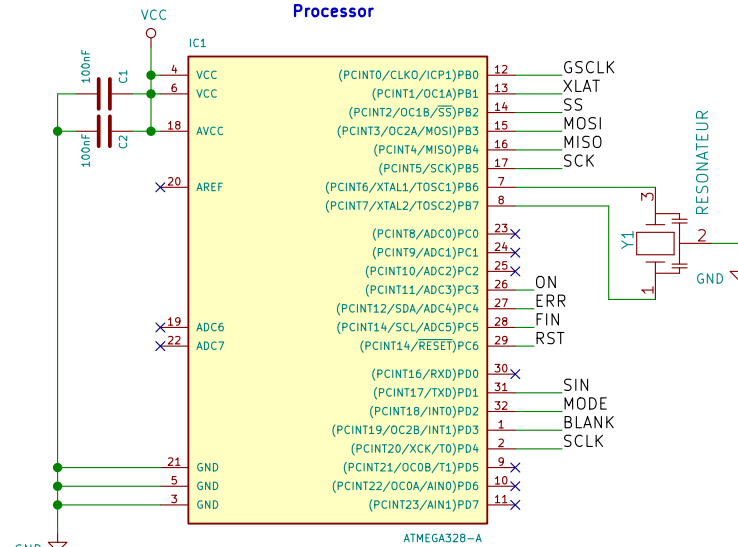


### LED Circuitry

LED grid & driver ICs



### Processor



Authors: Tabor lab/Evan Olson/Sebastian Castillo/Open Bioeconomy Lab/Kevin Bibby

Sheet: /

File: lpa96.sch

Title: 96-well Light Plate Apparatus (LPA)

Size: USLetter Date: 2019-08-22

KiCad E.D.A. kicad (5.1.4)-1

Rev: 2.0

Id: 1/2

