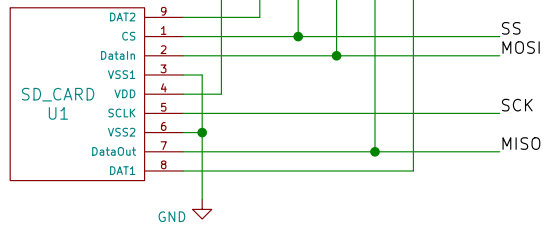
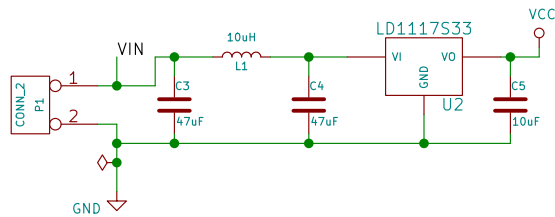


SD Card Socket

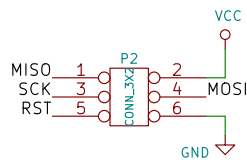


Power Supply

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

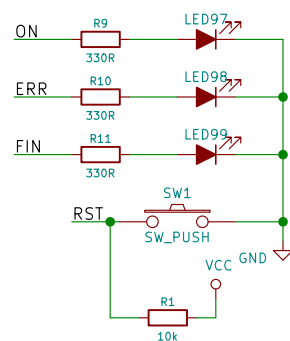


Programming Header



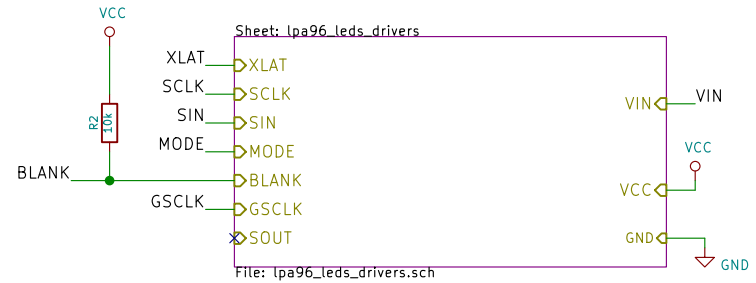
Status & Reset

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

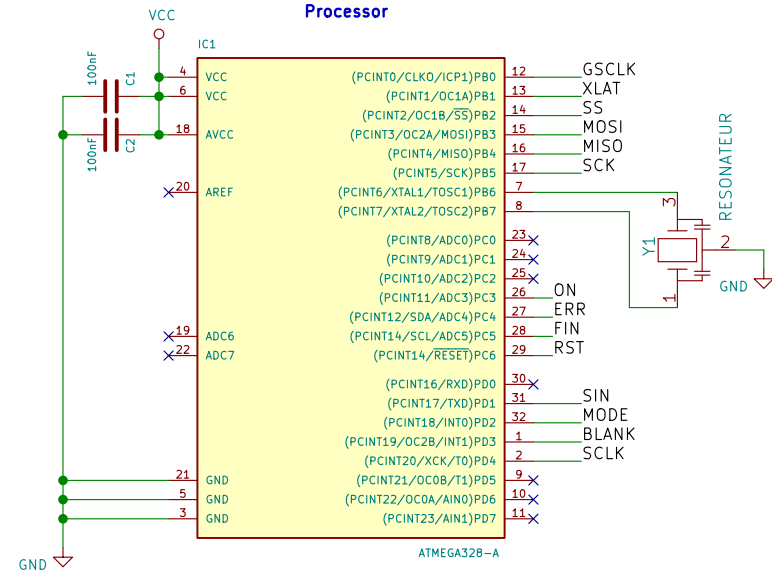


LED Circuitry

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: 2019-09-05
KiCad E.D.A. kicad (5.1.4)-1

Rev: 2.1
Id: 1/2

