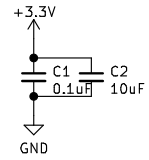
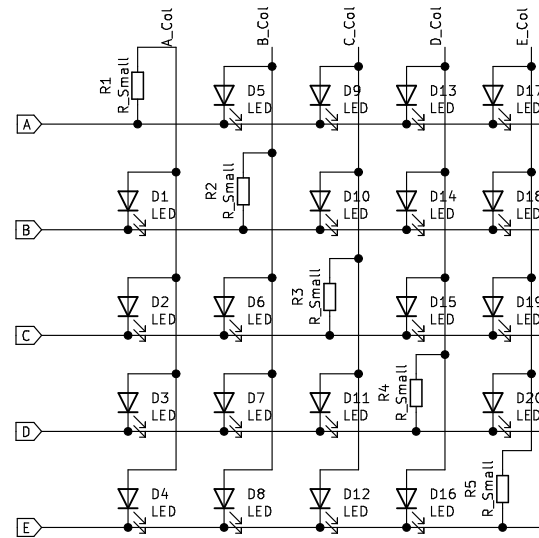


# Decoupling

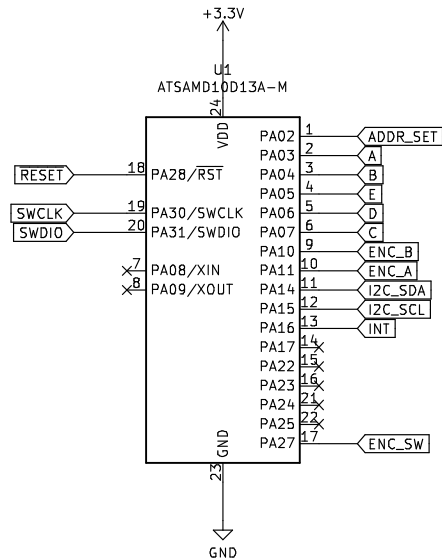


# Charlieplexed LED circle

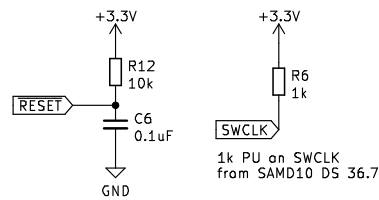
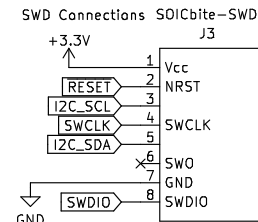
Column anode  
Row cathode



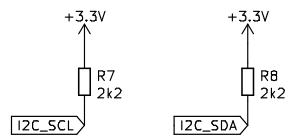
LOGO101  
SkylronLogo-Back



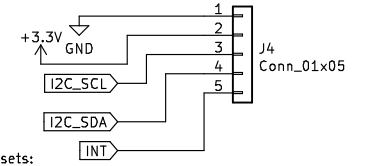
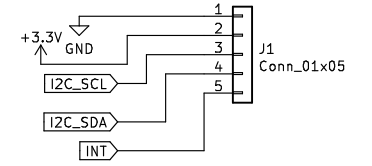
Voltage divider to ADC to allow  
I2C address configuration at boot.  
See firmware documentation  
for valid values



# I2C Pull Ups

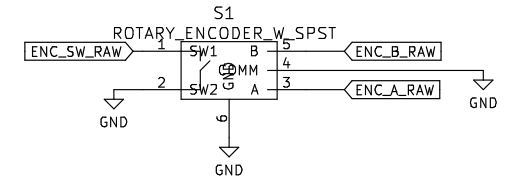


Populate for last module in chain



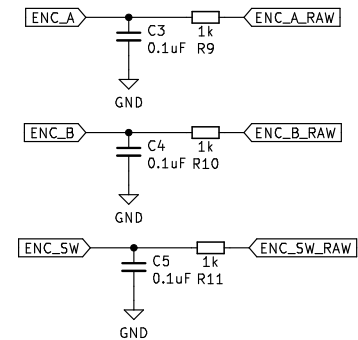
Connector Insets:  
Left: 2.5mm  
Right: 3.0mm

# Rotary encoder and debounce networks



Always populate resistors with at least 0 ohm.  
Populate filter capacitors as needed.

0.1ms Filter: R - 1k C - 0.1uF



H1 MountingHole  
H2 MountingHole