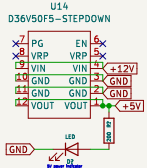
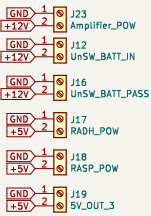


## Power Circuits

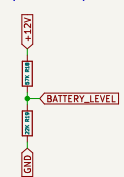
### Step Down Converter 5.5v-50v



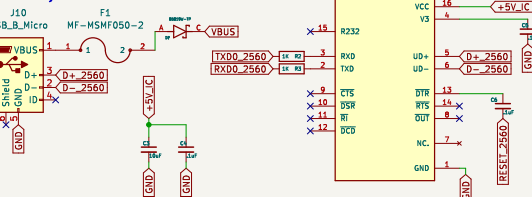
## Terminal Blocks



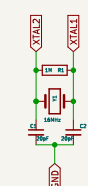
### Voltage Divider (Batt Mon)



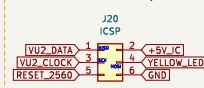
## USB/Serial Conversion Body LED Controller



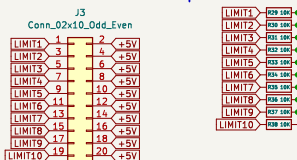
## Crystal Circuit



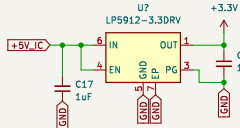
## Serial/I2C Headers



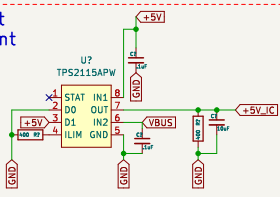
## Limit Switch Input



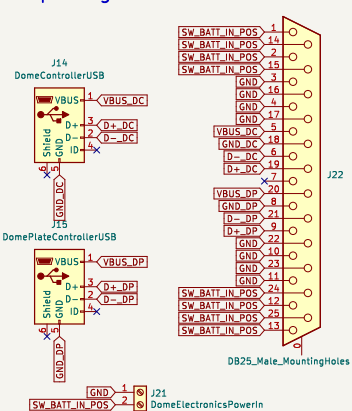
## 3V Regulator



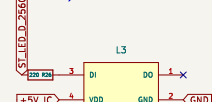
## 5V Conflict Management



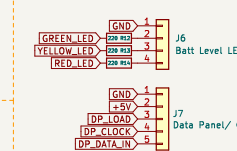
## Slip Ring Connectors



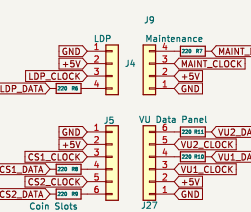
## Status LED Body LED Controller



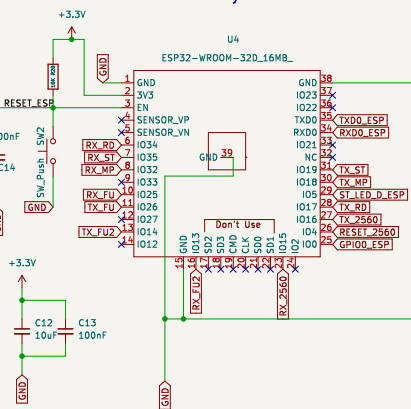
## Data Panel/CBI & CBI Batt Status LED Headers



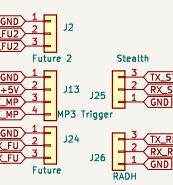
## DotStar LED Headers



## ESP32 Module Body Controller



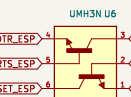
## Serial Headers



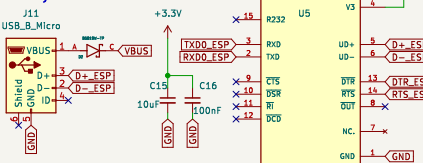
## Status LED Body Controller



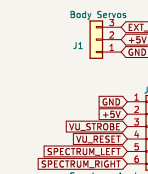
## AutoFlash ESP



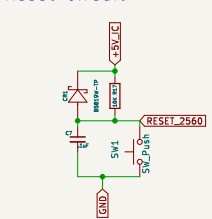
## USB/Serial Conversion Body Controller



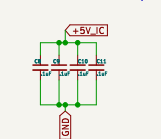
## Audio Analyzer Headers



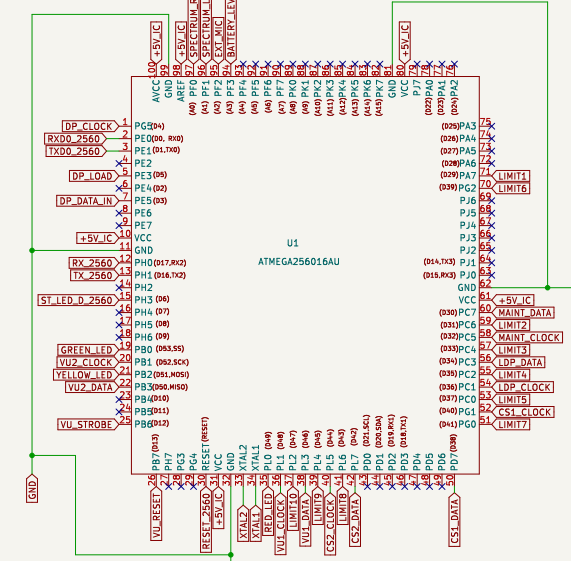
## Reset Circuit



## 2560 PWR Caps



## ATMEGA2560



- Controls All Body LEDs
- Controls All Body Seryos
- Creates WIFI Network
- ESP-NOW Gateway/Bridge

Created by: Greg Huletta

Sheet: /

File: Body\_LED\_Controller\_V1.kicad\_sch

Title: Body Controller

Size: USLedger Date: 2023-02-10

KiCad E.O.A. kicad (6.0.0-0)

Rev: 1.1

Id: 1/1