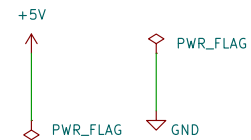
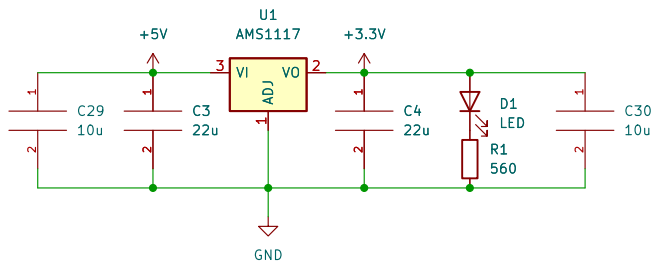


**Diamond Light Source**

Sheet: /  
File: d2tsf-hw.kicad\_sch

**Title: D2TSF**

Size: A4	Date: 2022-10-27	Rev: Rev1
KiCad E.D.A. kicad 6.0.9		Id: 1/5



Max consumptions:  
 - STM32 microcontroller 100mA at 3.3V  
 - GPS antenna 100mA at 5V  
 - GPS receiver 100mA at 3.3V  
 Max Power Consumption ~1.2W

# **Diamond Light Source**

Sheet: /Power/  
 File: power.kicad\_sch

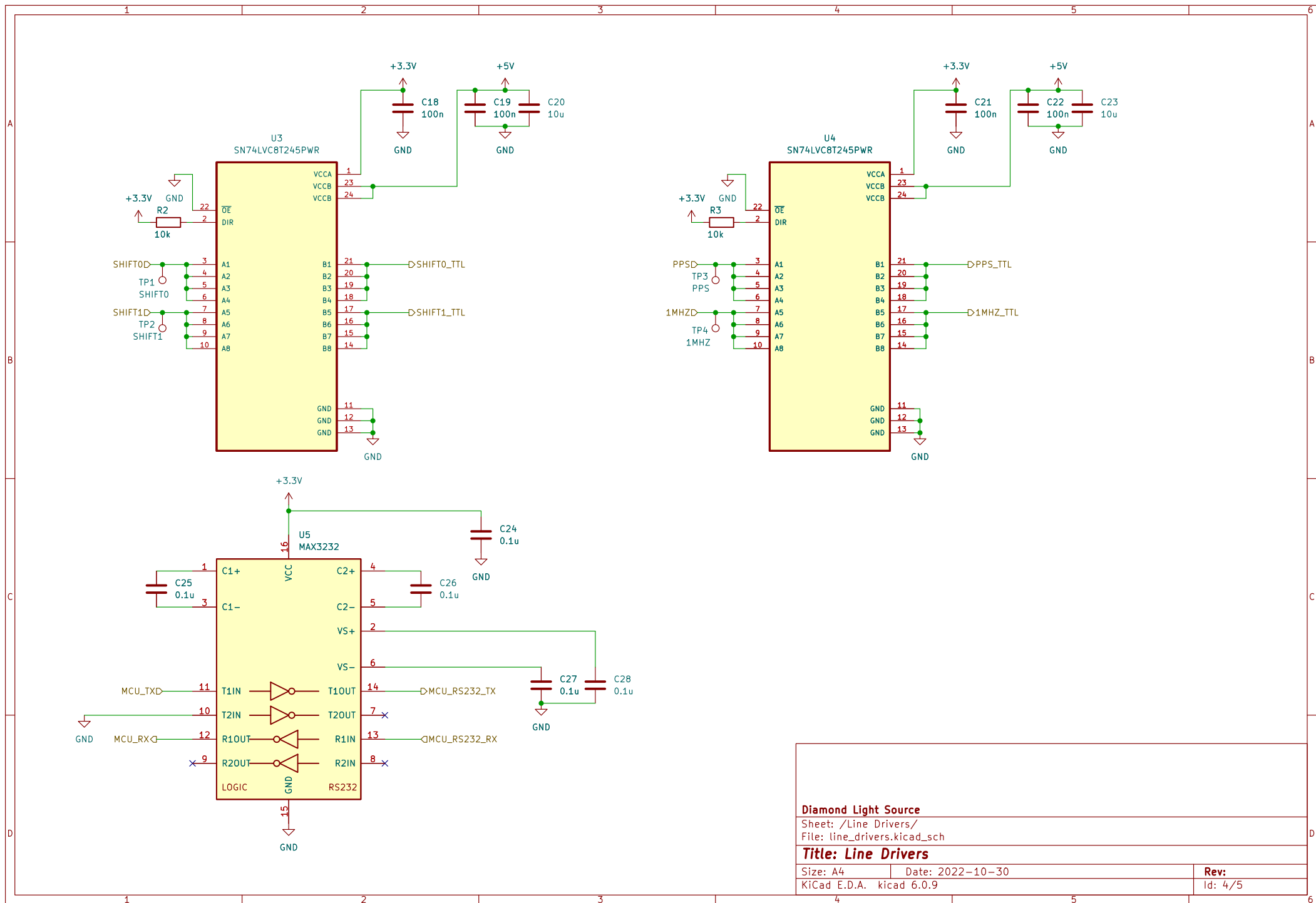
## **Title: Power**

Size: A4 Date: 2022-10-30

KiCad E.D.A. kicad 6.0.9

**Rev:**  
 Id: 2/5

Id: 3/5



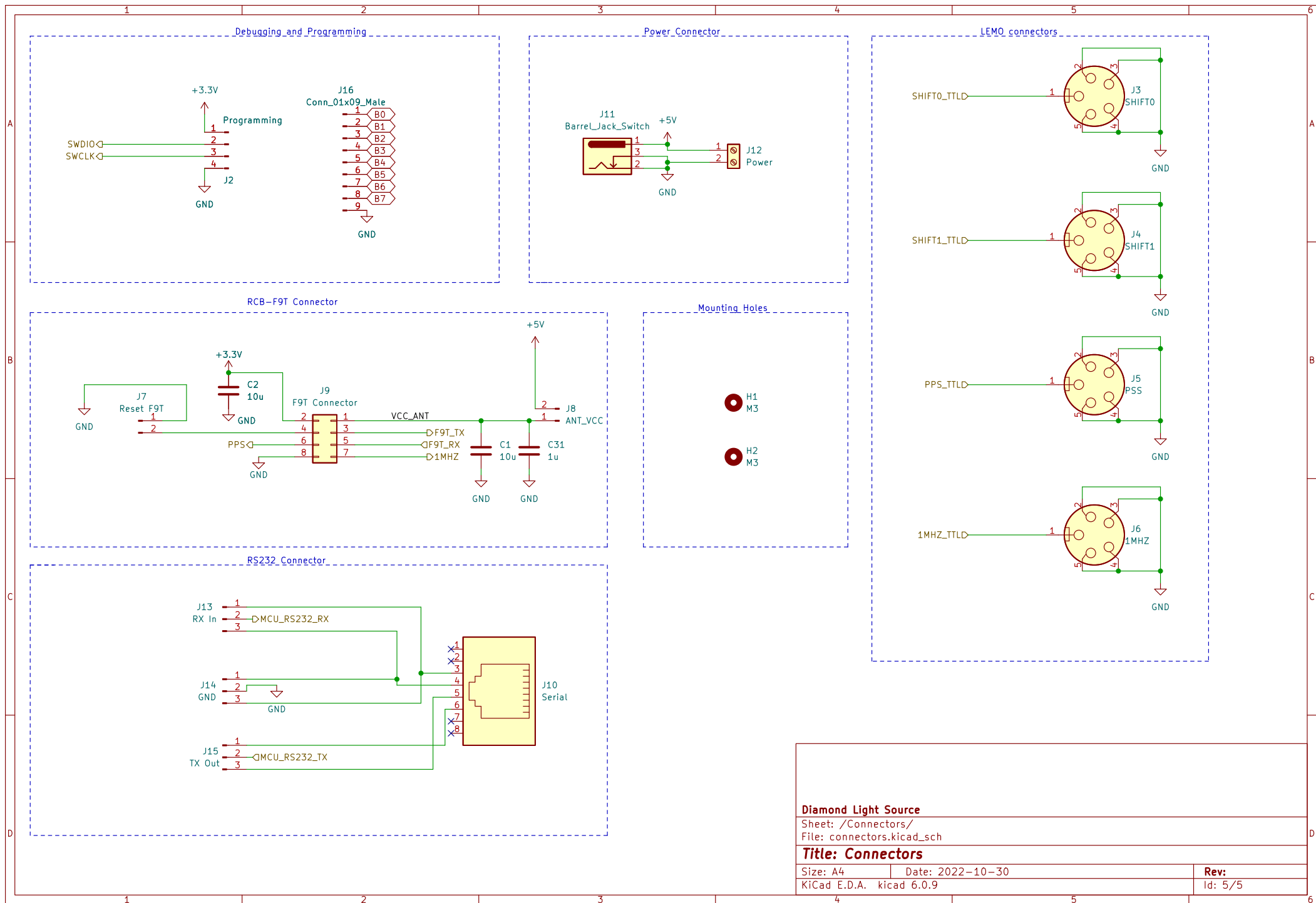
# Diamond Light Source

Sheet: /Line Drivers/  
File: line\_drivers.kicad\_sch

## Title: Line Drivers

Size: A4 Date: 2022-10-30  
KiCad E.D.A. kicad 6.0.9

Rev:  
Id: 4/5



# Diamond Light Source

Sheet: /Connectors/  
File: connectors.kicad\_sch

## Title: Connectors

Size: A4  
Date: 2022-10-30  
KiCad E.D.A. kicad 6.0.9

Rev:  
Id: 5/5