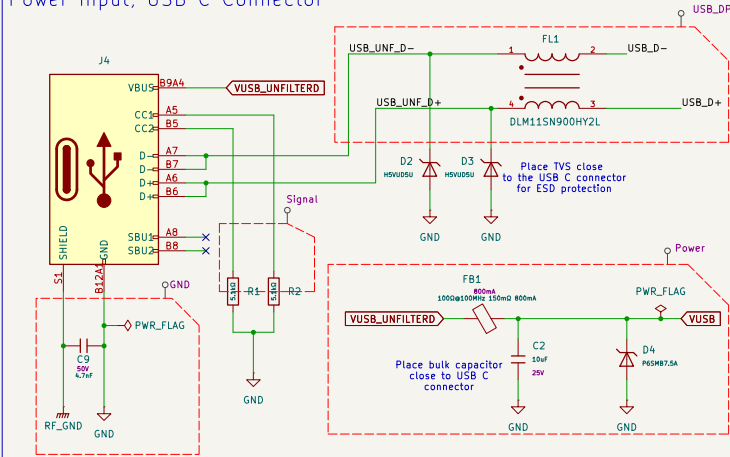
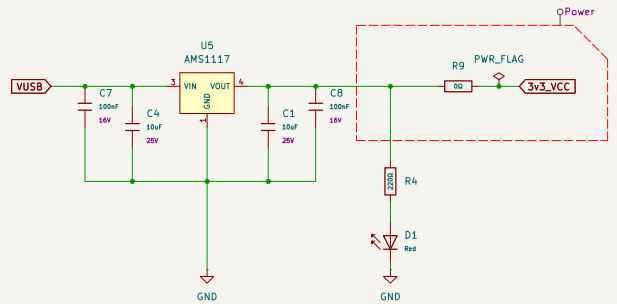


## Power Input, USB C Connector

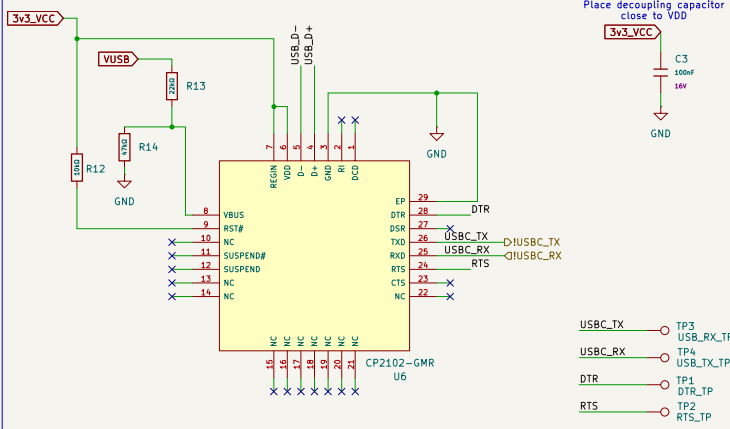


## 5V to 3V3 Voltage Regulator

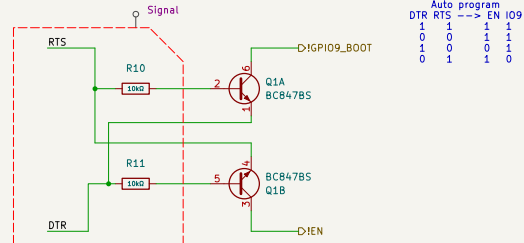
1A Output with 1.8V Dropout Voltage  
72% Efficiency, Worst Case



## USB to UART or I2C



## Auto Download



Jake Odgers

Sheet: /USB C COMs 3v3 Power Input Module/  
File: inputUSBto3v3.kicad\_sch

Title: Mileage Logger

Size: A4

Date:

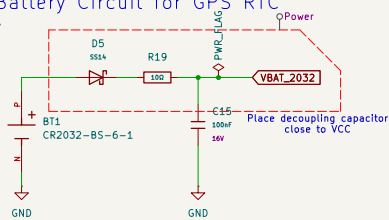
Rev: DEV\_001

KiCad E.D.A. 9.0.5

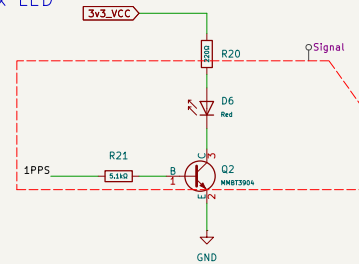
Id: 2/4

### CR2032 Battery Circuit for GPS RTC

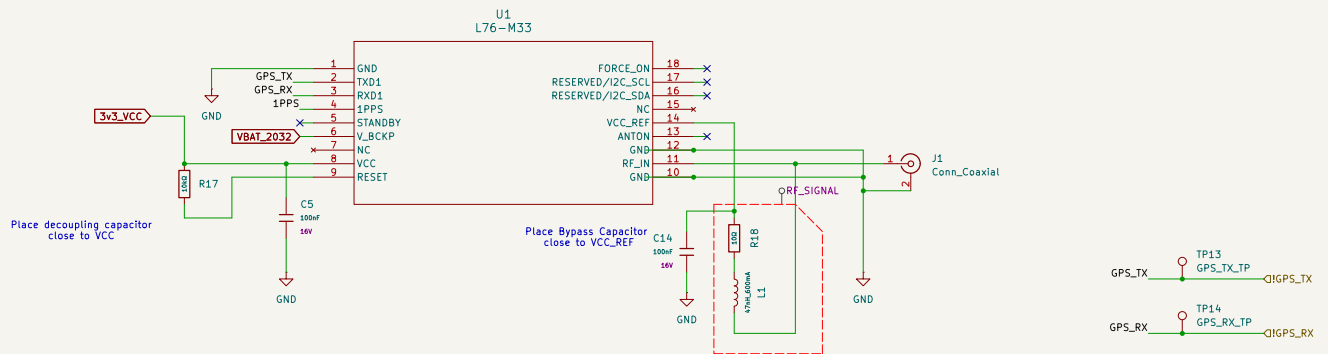
2.5 Years at 10uA



### GPS Fix LED



### GPS



Jake Odgers

Sheet: /GPS Module/  
File: L70RE.kicad\_sch

**Title: Mileage Logger**

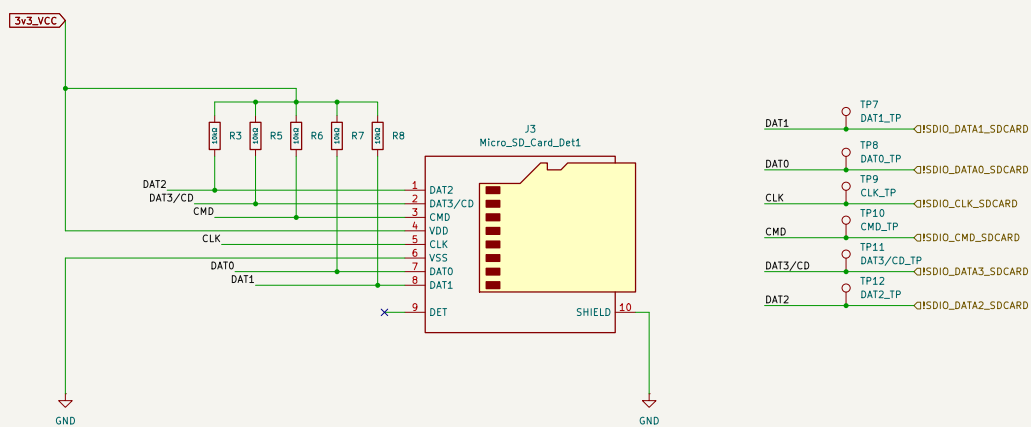
Size: A4

Date:

Rev: DEV\_001

KiCad E.D.A. 9.0.5

Id: 3/4



**Jake Odgers**

Sheet: /SD Storage Module/  
File: SD-CARD.kicad\_sch

Title: Mileage Logger

Size: A4

Date:

Rev: DEV\_001

Size: A4	
KiCad E.D.A. 9.0.5	

Id: 5/4