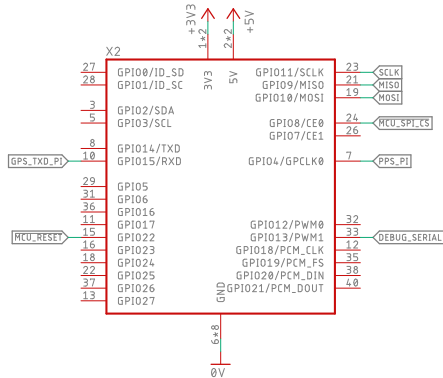
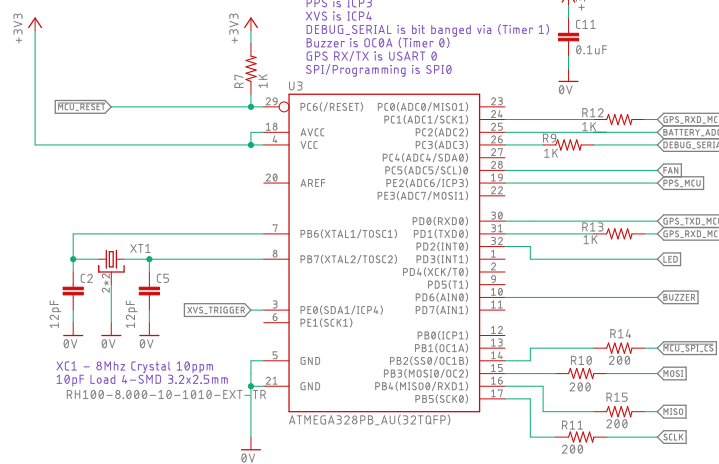


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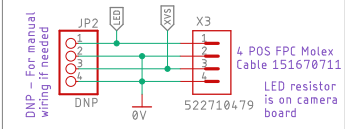
## Raspberry Pi 4



## ATmega328PB LED Timer



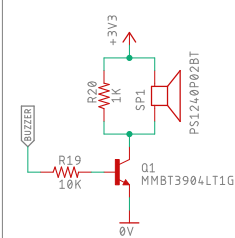
## Camera LED/XVS Connection



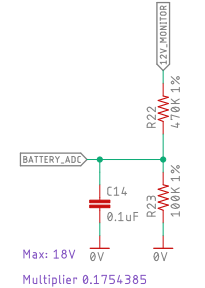
## Fudicials



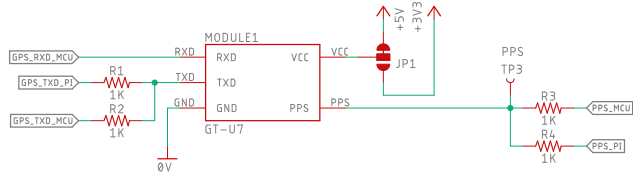
## Buzzer



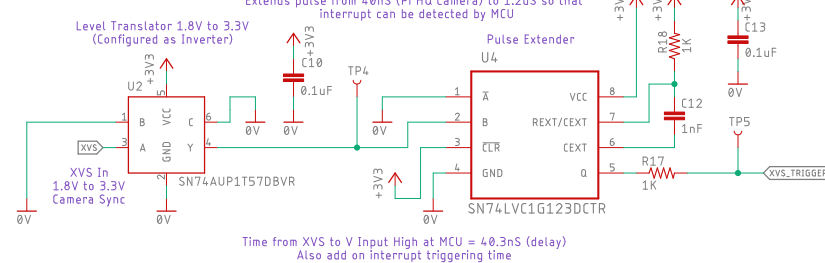
## 12V Battery Monitor



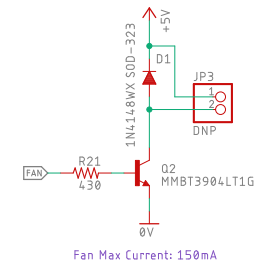
## GPS (with PPS)



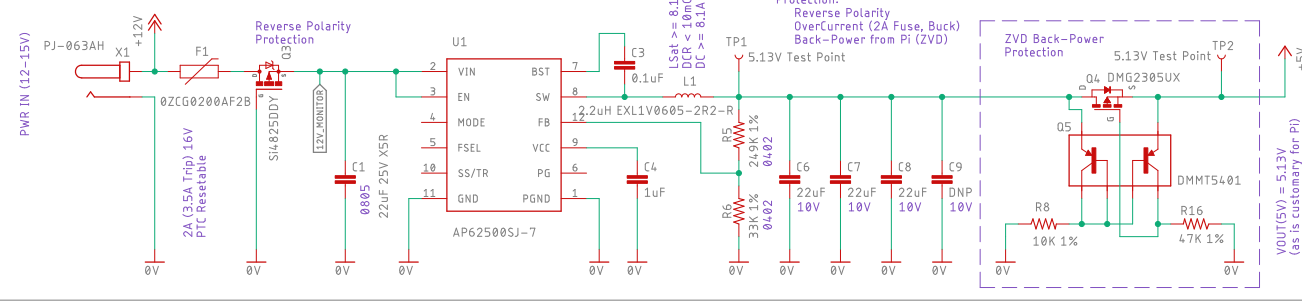
## XVS Camera Trigger



## Fan



## 5.15V 4A Power Supply and Protection



## Power Budget:

GT-U7 GPS: 90mA  
ATmega328PB + LED/Comms: 30mA  
5V Fans: 100mA  
Raspberry Pi 4B: 3A (1A Typical)

## Programming (ATmega):

Programmable from Raspberry Pi (In Circuit) by software, no jumpers required.

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Confidential  
Version: 0.9b

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