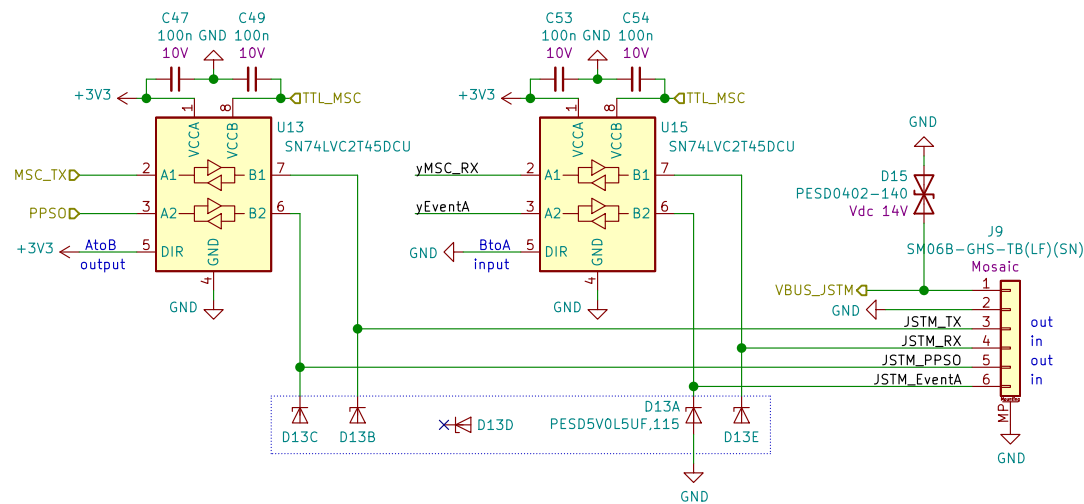
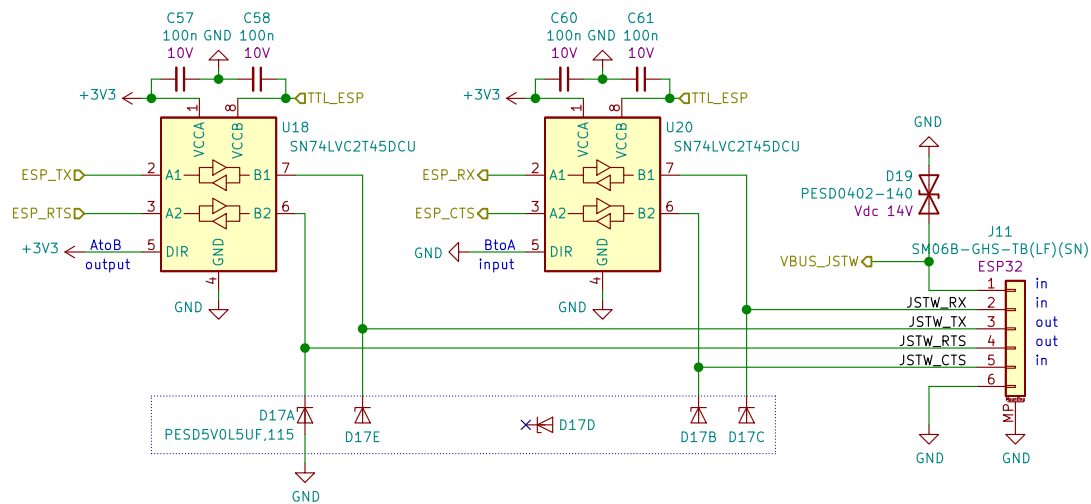


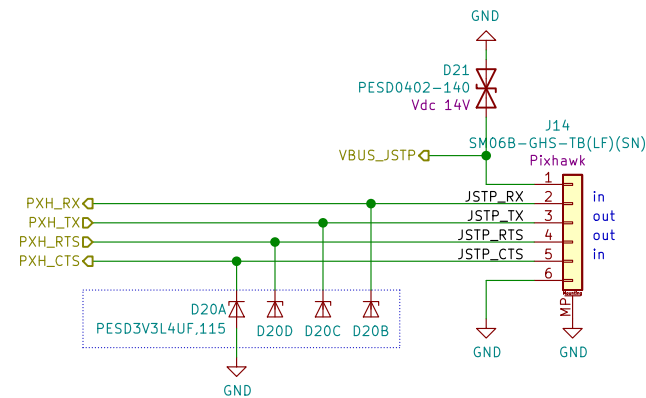
## JST connector for Mosaic – \*JSTM\*



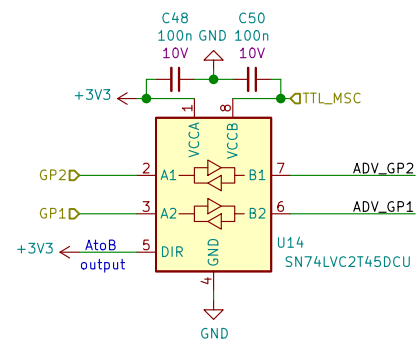
## JST connector for Wrover – \*JSTW\*



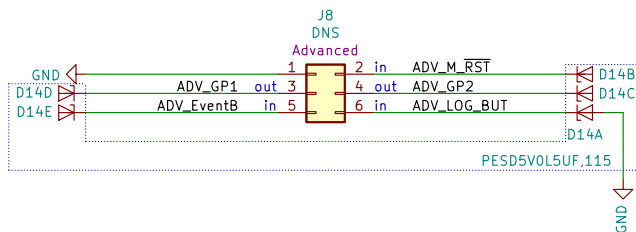
## JST connector for Pixhawk – \*JSTP\*



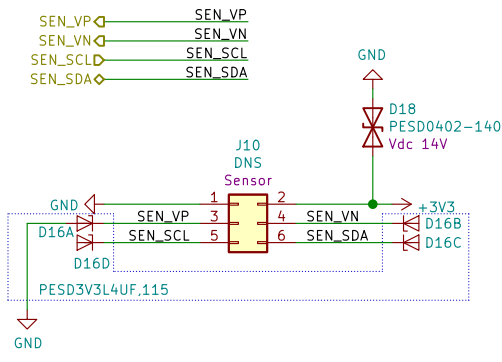
## Advanced connector – 2x3 2.54mm header



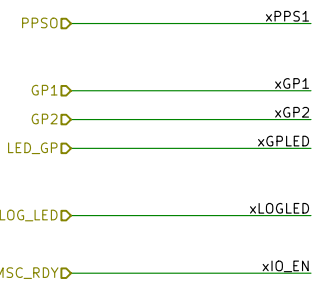
Connectors J8 and J10 are labeled as DNS. However their footprints can be sourced with a standard 02x03 2.54mm pitch socket / header.



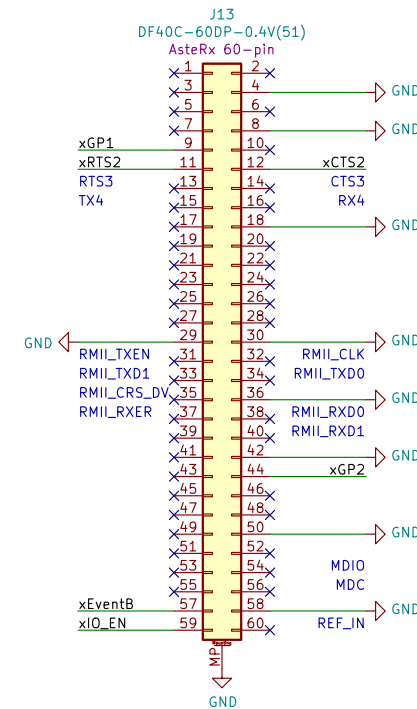
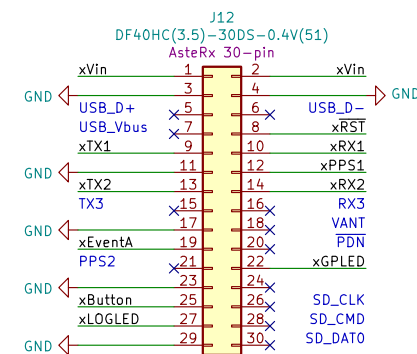
## Sensor connector – 2x3 2.54mm header



## Outputs only

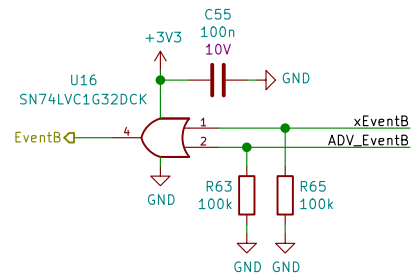
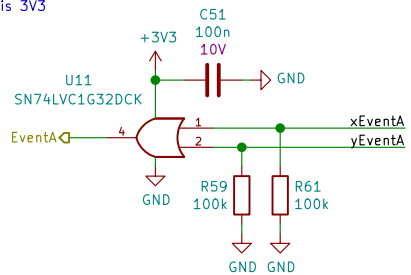


## AsteRx connectors



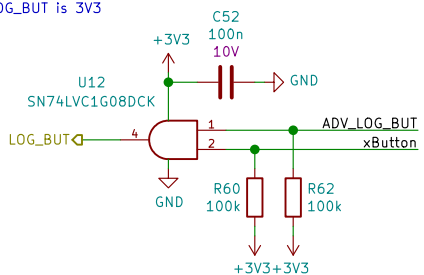
## EventA and EventB handling

Including voltage translation:  
– xEvent is 3V3  
– yEvent is 3V3 or 5V  
– Event is 3V3



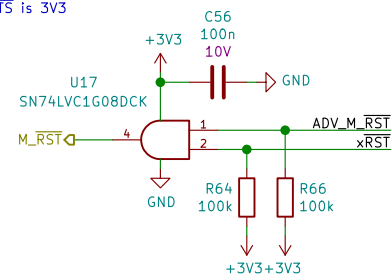
## LOG button handling

Including voltage translation:  
– xButton is 3V3  
– ADV\_LOG\_BUT is 3V3 or 5V  
– LOG\_BUT is 3V3

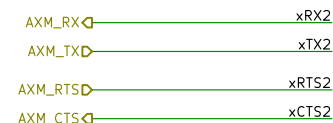
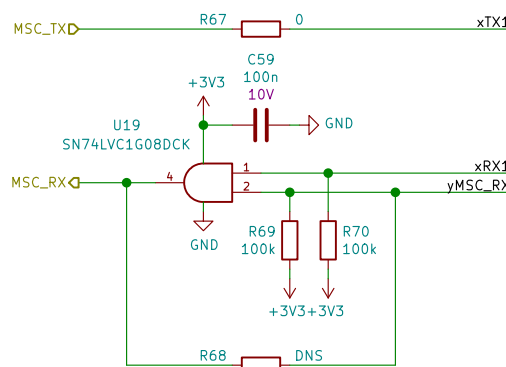


## Mosaic RST handling

Including voltage translation:  
– xRST is 3V3  
– ADV\_M\_RST is 3V3 or 5V  
– M\_RST is 3V3



## Serial COM mating



Resistors R67 and R68 can be used to enable/disable serial communication with AsteRx-platform modules.

## AsteRx power input



Sheet: /Connectors/  
File: subsys\_connectors.sch

Title: mowi

Size: A3 Date: 2021-08-10  
KiCad E.D.A. kicad (5.1.10)-1

Rev: v1.0  
Id: 5/7