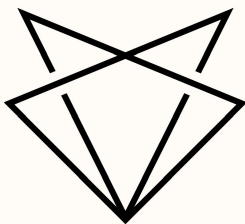


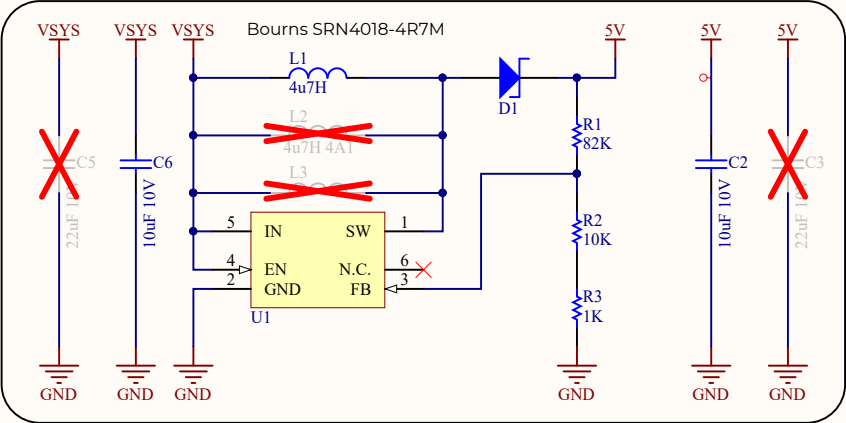
Fri3D Air 2018

Top Level

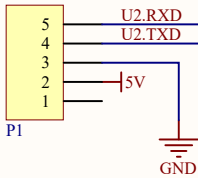


Rev. 00 : Initial release
Rev. 01 : Added NeoPixel outputs, optional inductors

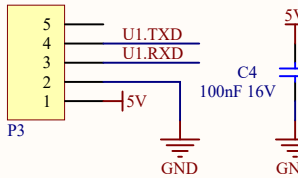
5V Boost



PM sensor
SDS011

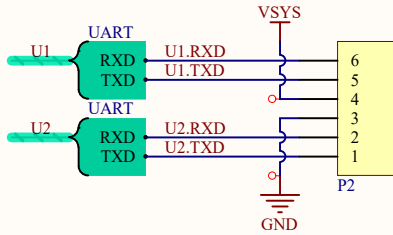


GPS
NEO6MV2

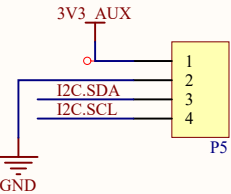


Badge Interface

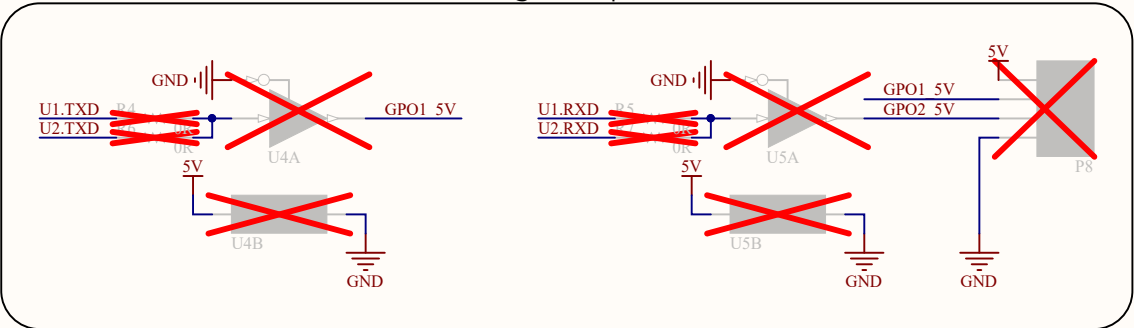
Expansion 2
Dual UART



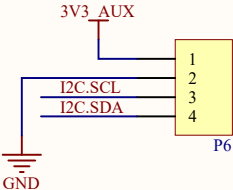
I²C Header



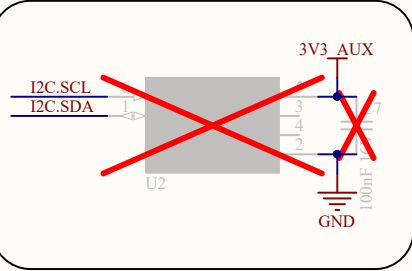
5V Logic outputs



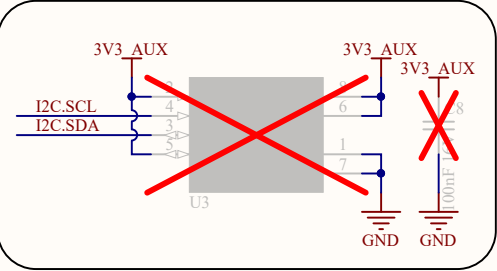
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BME280 Compatible



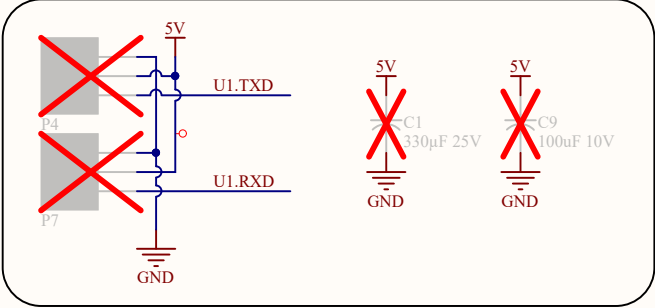
SHT20



BME280



Servo



Phyx

Title
Fri3D Air Jewel 2018

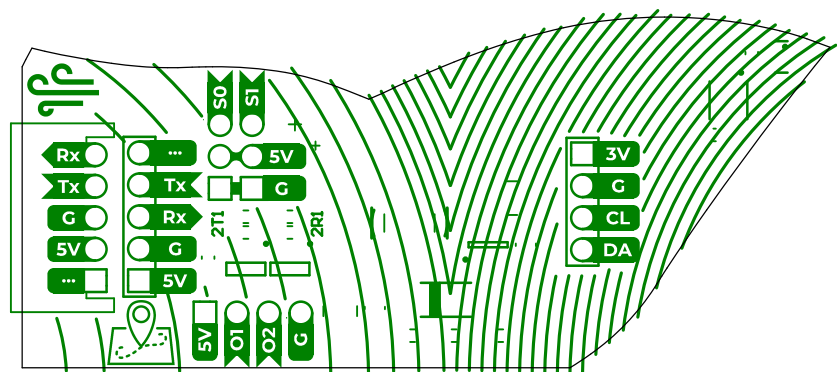
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8/06/2018

Size
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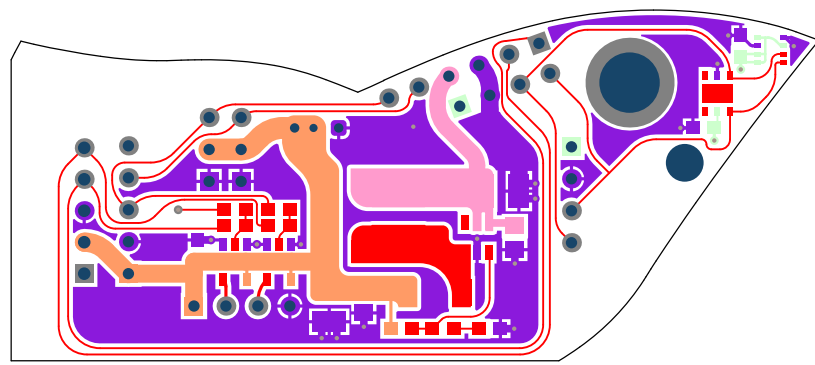
Revision
01

Drawn By
Wim Van Gool

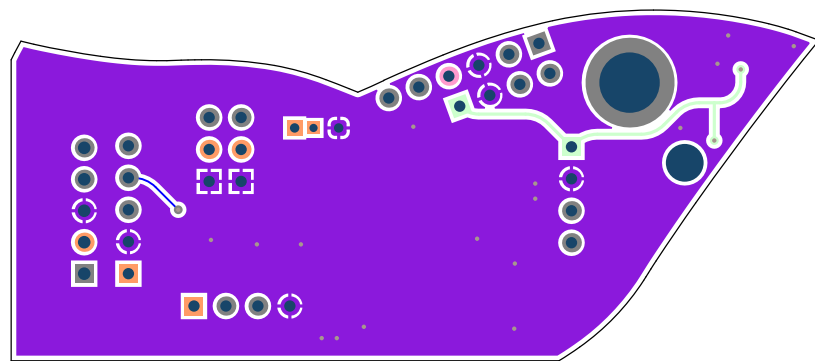
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1 of 1




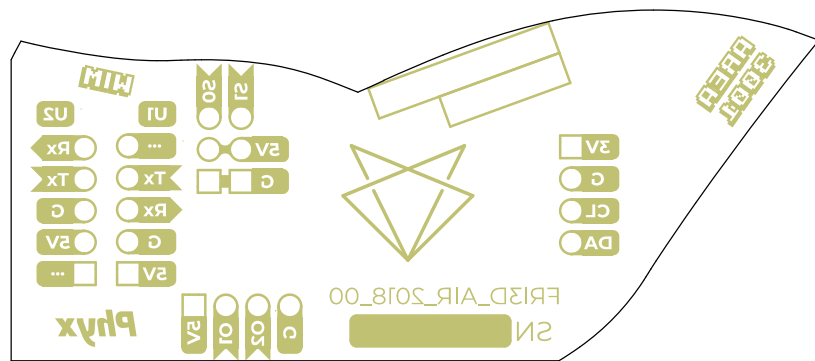
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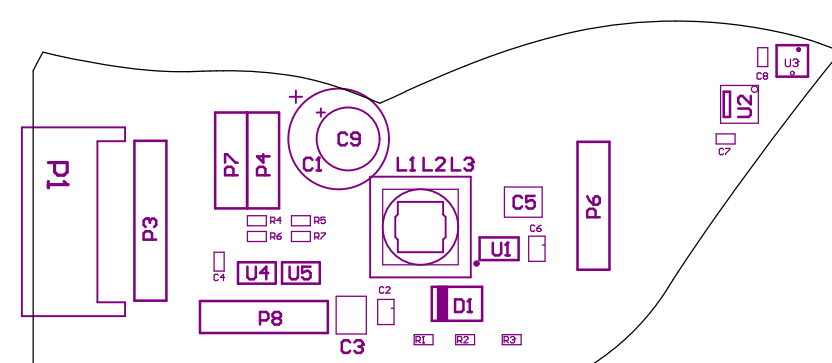
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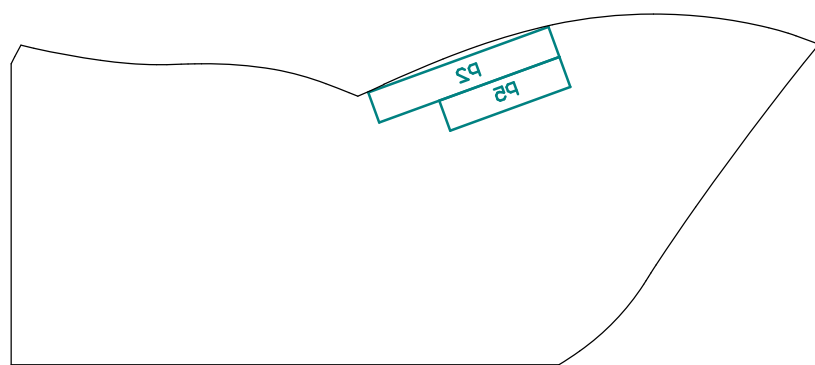
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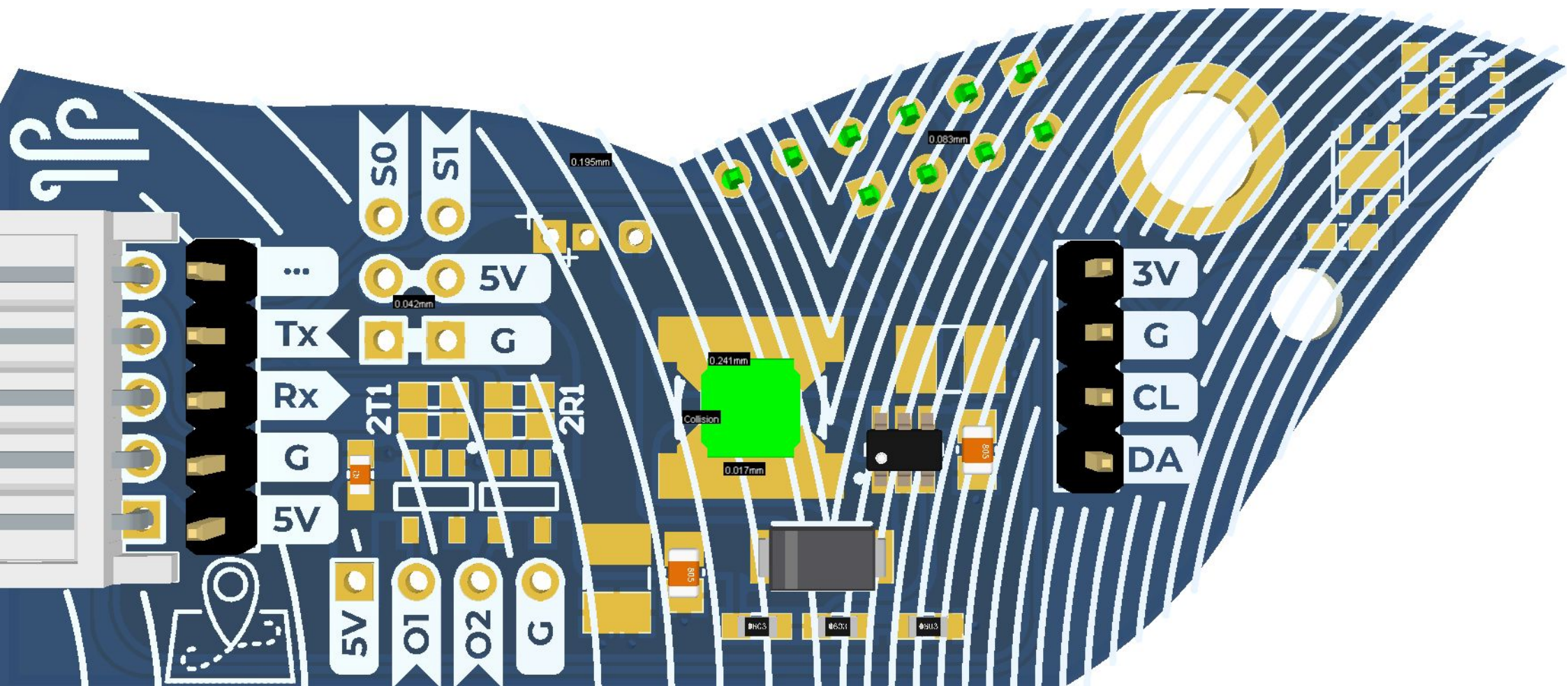
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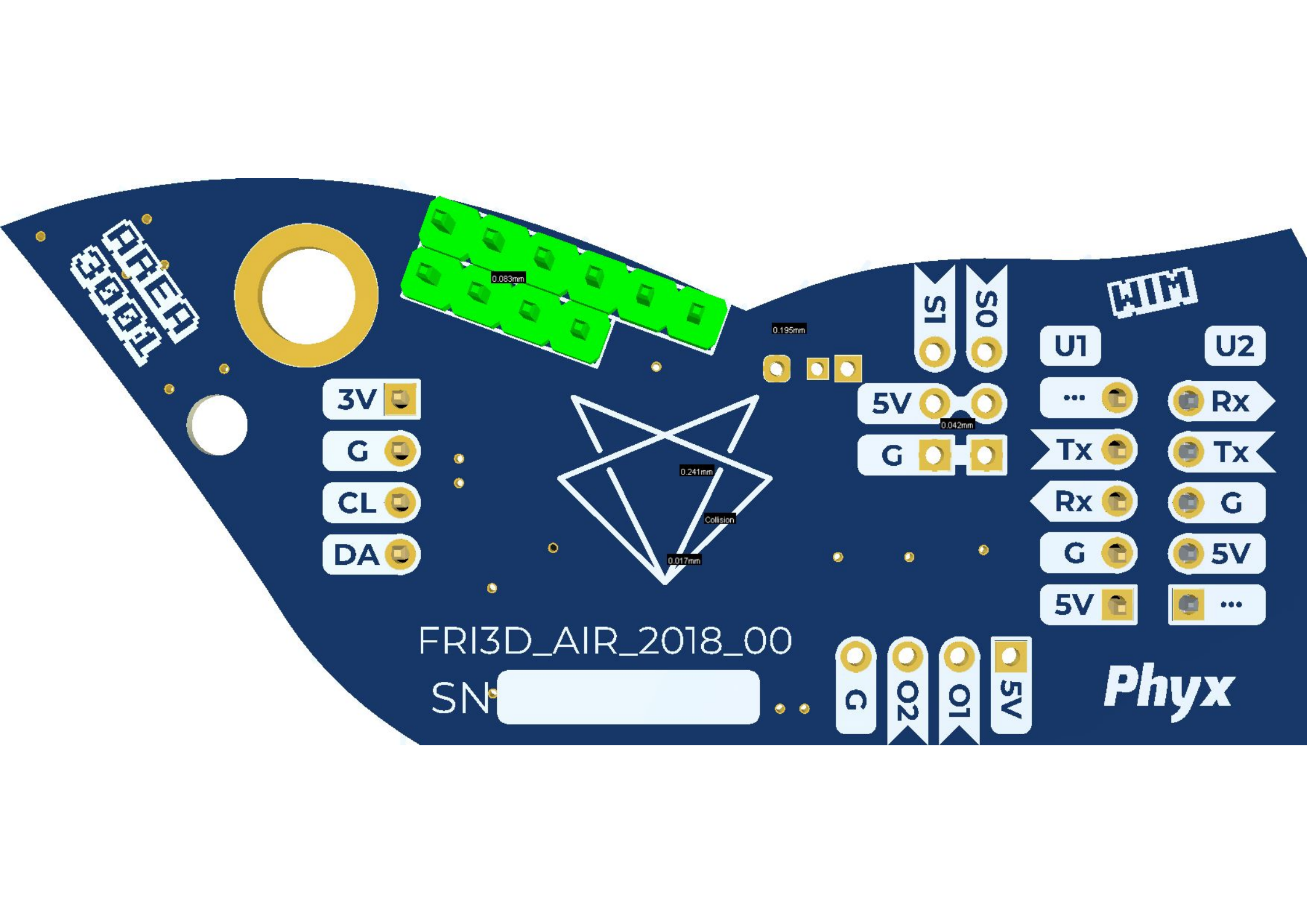
Designer
WimVG

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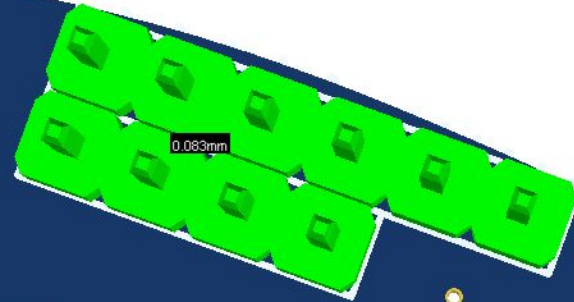


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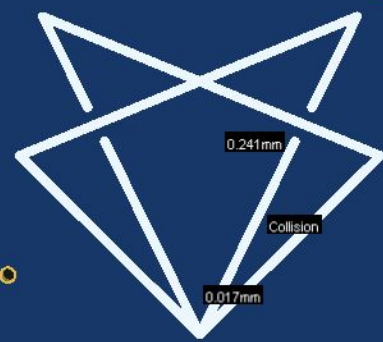


FRI3D_AIR_2018_00



0.083mm

3V
G
CL
DA



0.241mm

Collision

0.017mm

FRI3D_AIR_2018_00

SN

0.195mm

S1
S0

5V
G

0.042mm

WIM

U1

U2

...

Rx

Tx

Tx

Rx

G

G

5V

5V

...

G
02
01
5V

Phyx