

PROJET STRIX



Présenté par:
ACCART—MANEN Timothée
GRANTE Axel



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Qu'est ce qu'une gimbal ?

1

Stabilisateur de caméra



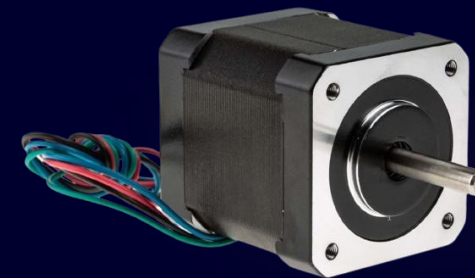


Types de moteur

Servo moteur



Stepper



Brushless

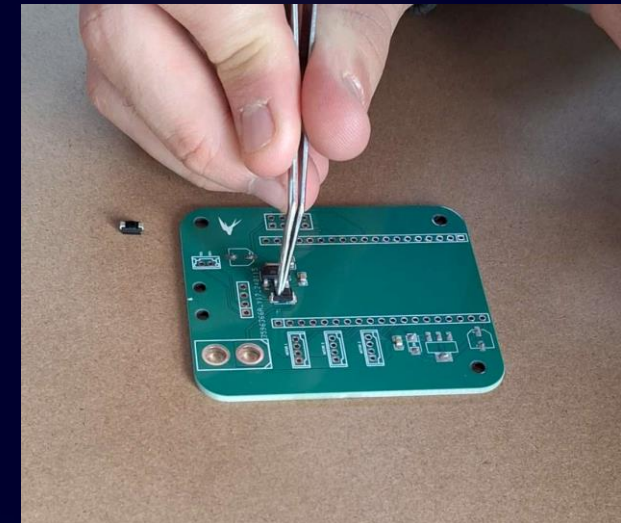
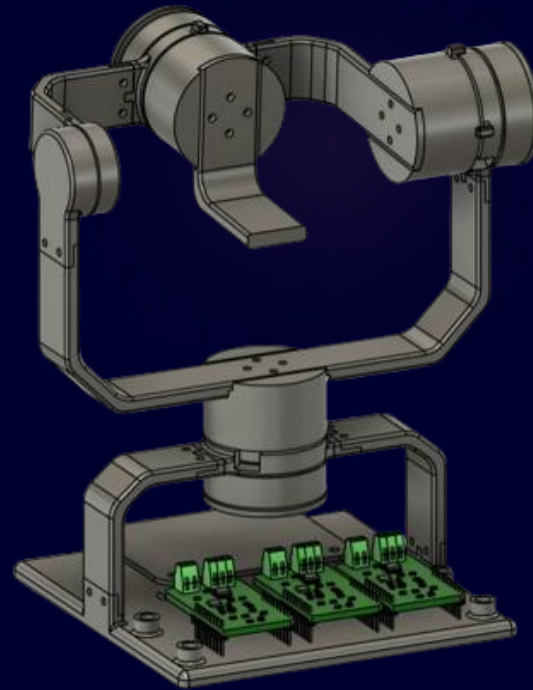
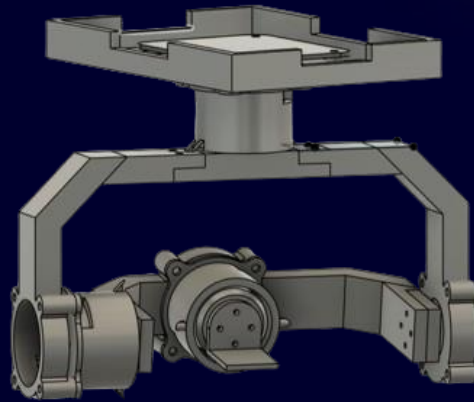


Brushed





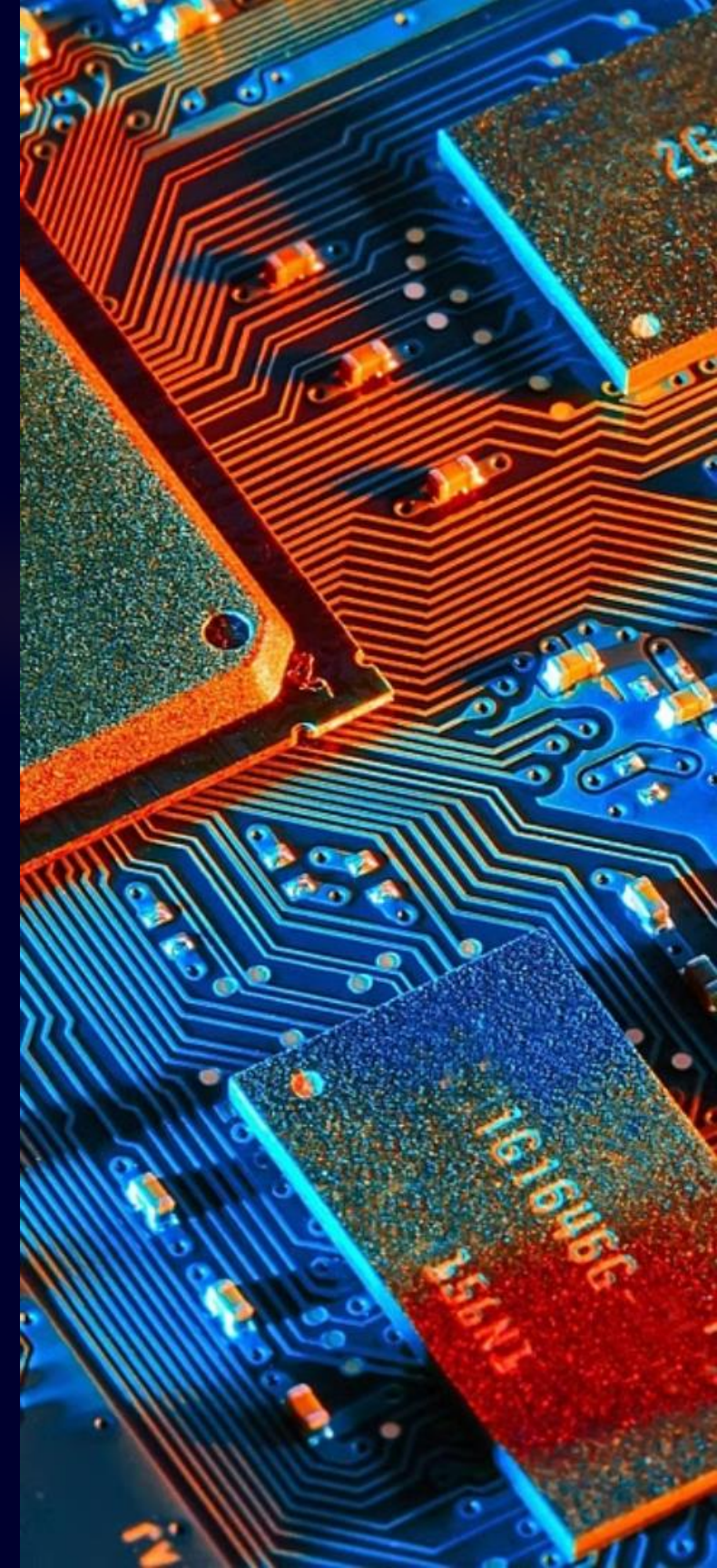
3D et problèmes techniques

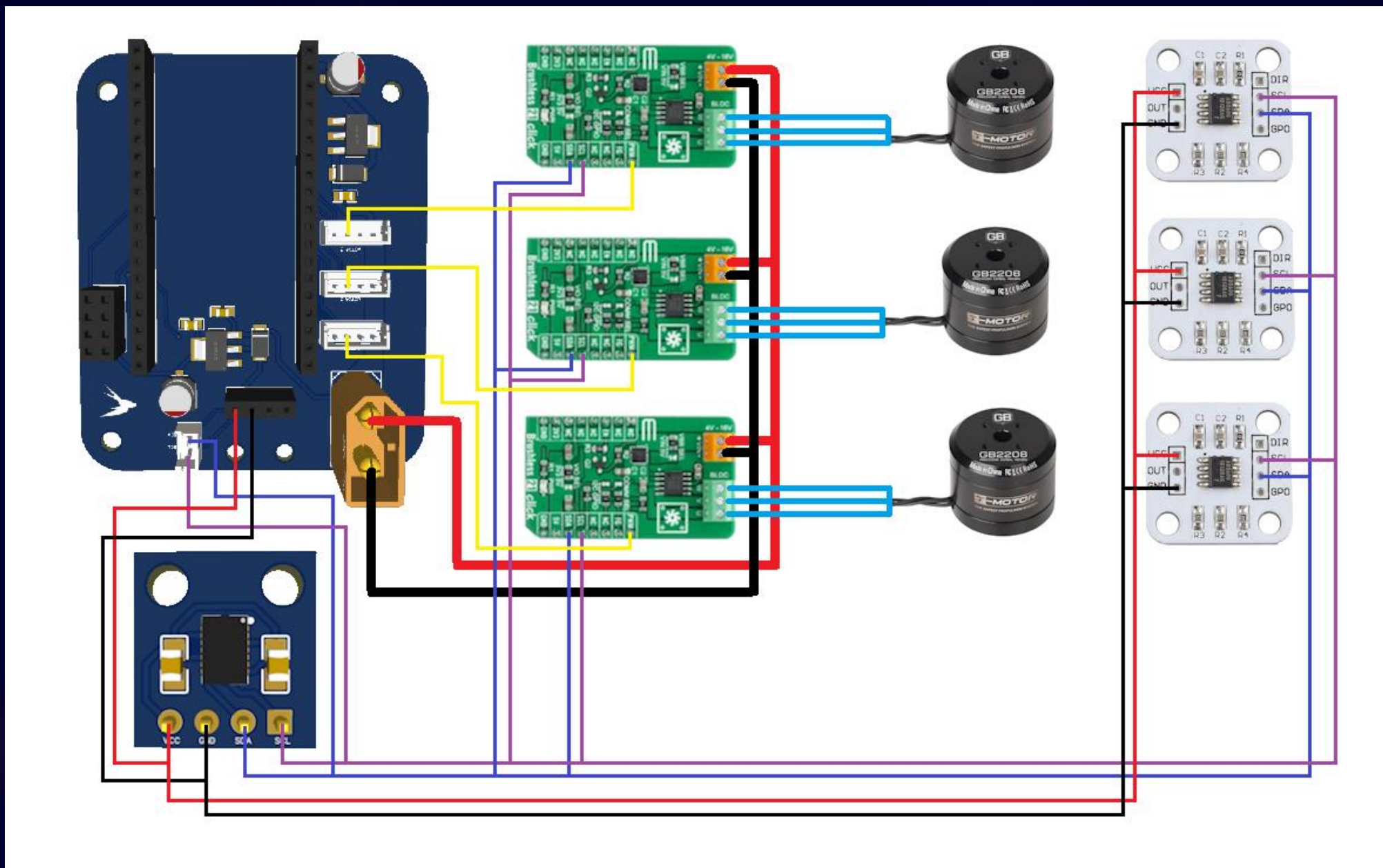


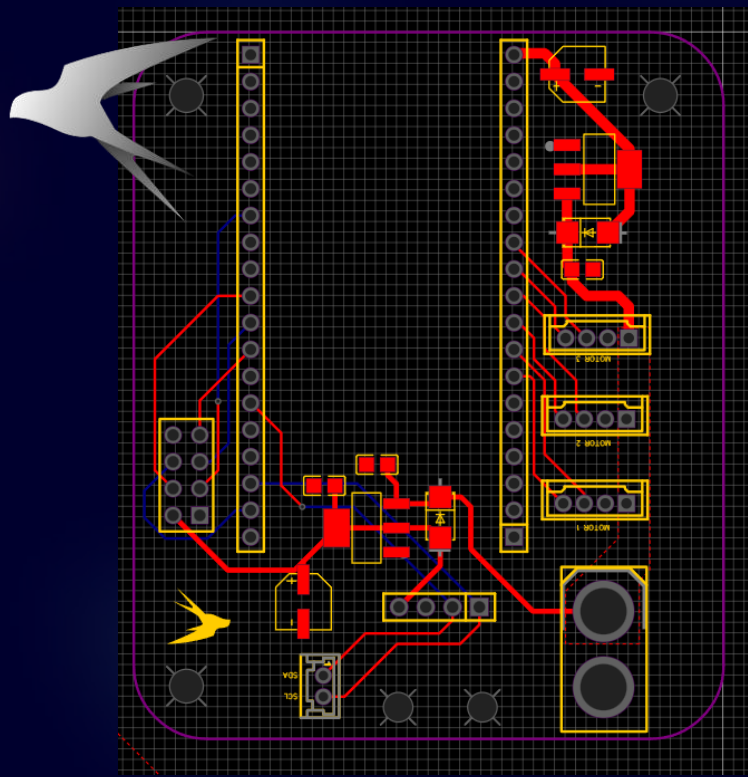


Electronique

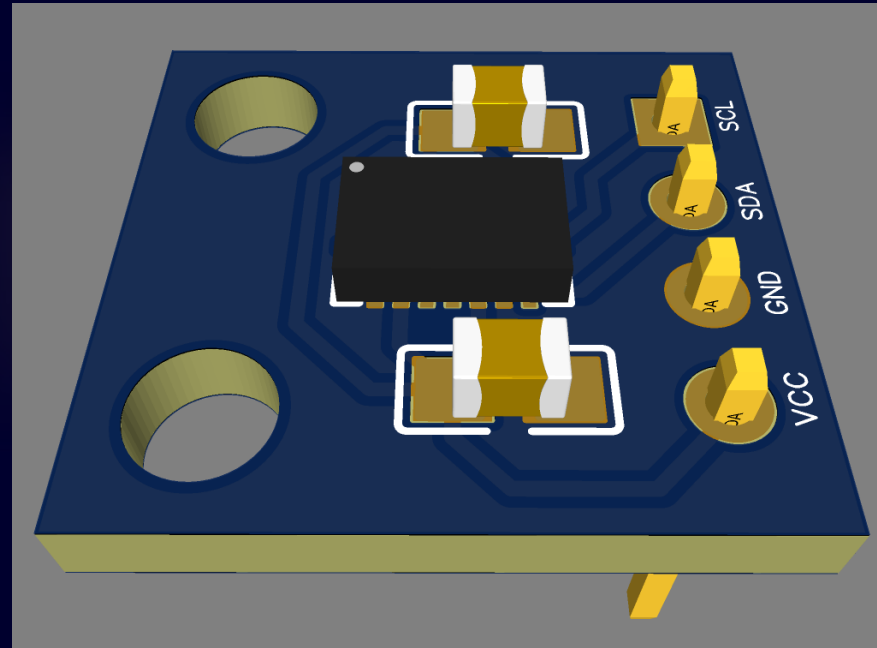
PCB & Circuit électronique



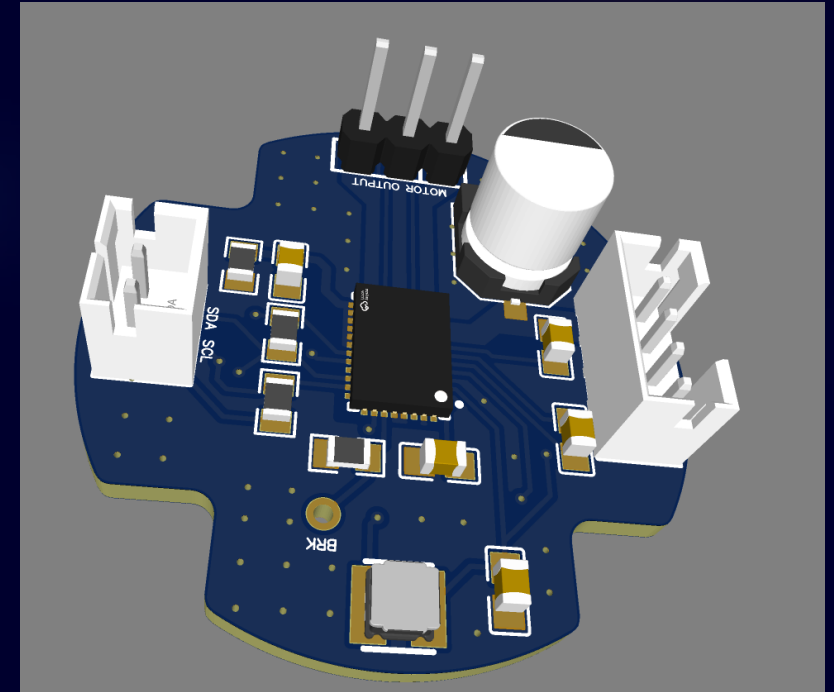




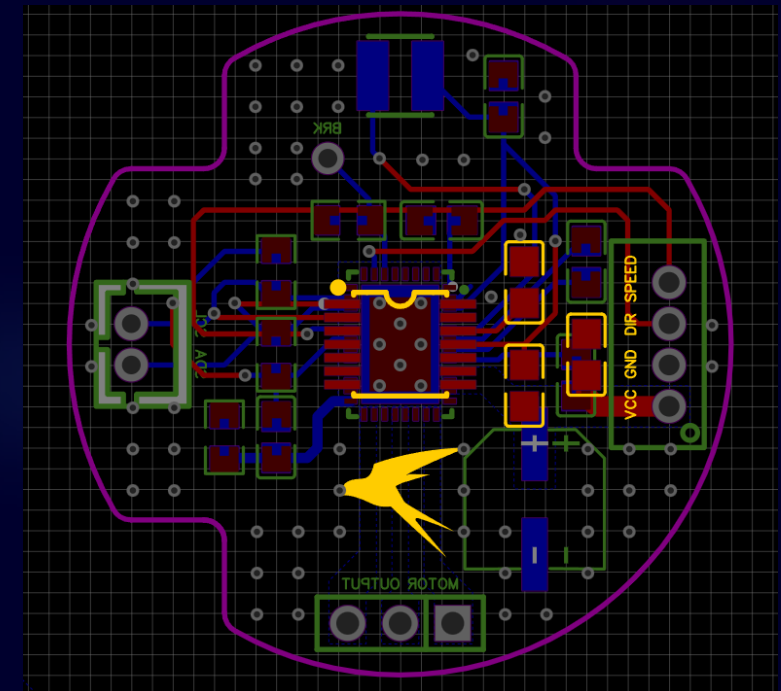
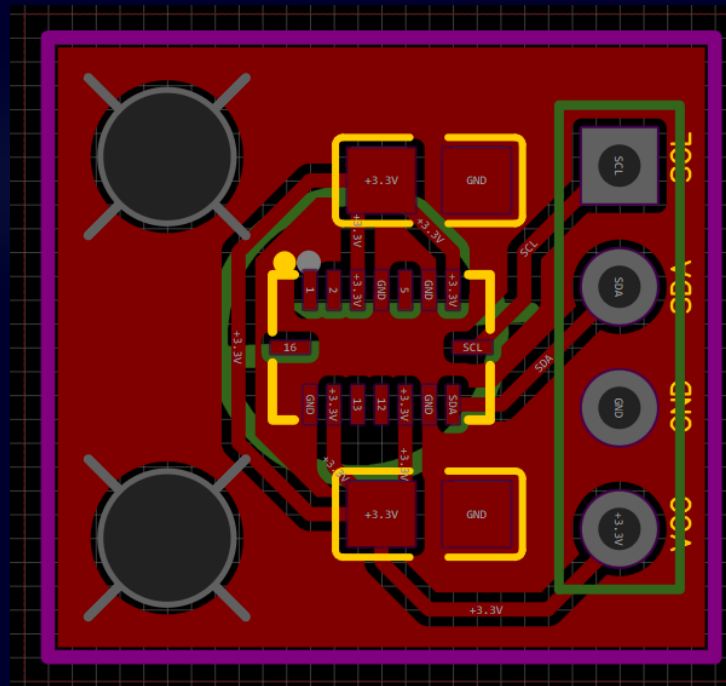
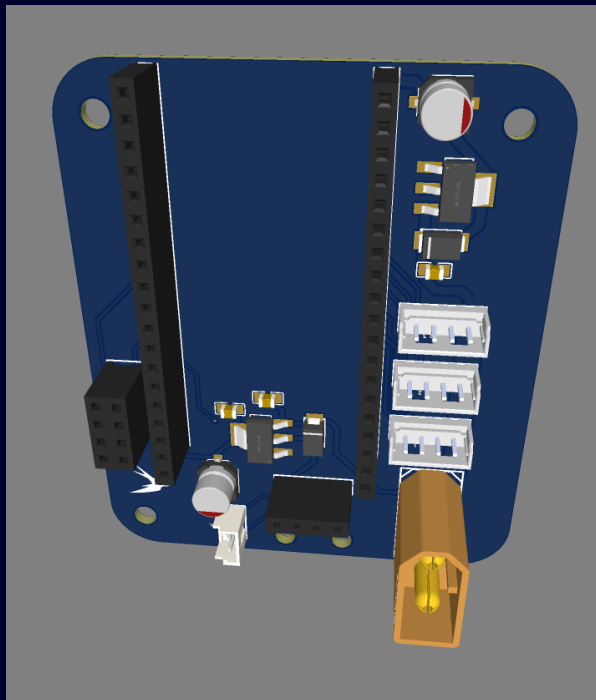
ESP32 shield



Gyroscope/Acceleromètre
BMI088



Encoder + BLDC driver

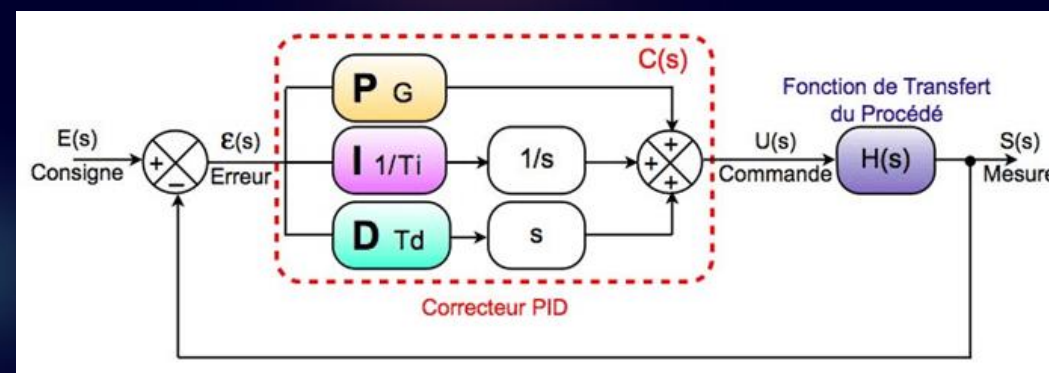




Programmation

Asservissement des moteurs

Régulateur PI



Communication avec l'antenne

Calcul d'angle avec le gyroscope



Pistes d'amélioration:

1

Meilleurs composants / moteurs
Meilleurs matériaux

2

Amélioration du 3D

3

DU TEMPS !!
(Livraisons)

