Release	Date	Designer	Check	Comments
A1	06/01/2023	EB	SN	Initial drawing
xy				– [fixed] blabla... – [added] – [removed] – [changed] – [other]
				TODO – A2/B1:

Pacman board gathers 3 absolute encoders with an IMU. It is set at the top of the Orbita system and sends angular positions of the 3 axis + IMU data. It is connected to the Houston board through a FFC.

Encoders

Fichier: encoders.kicad_sch

M2,5 MountingHoles with Pad

H1 H2 H3

H4 H5

ø2,1 Locating Pin Holes

H6

PCB00020
ASE00036

H7

Logo Pollen

FID1
FID2
FID3

Fiducials

POLLEN ROBOTICS

Pollen Robotics

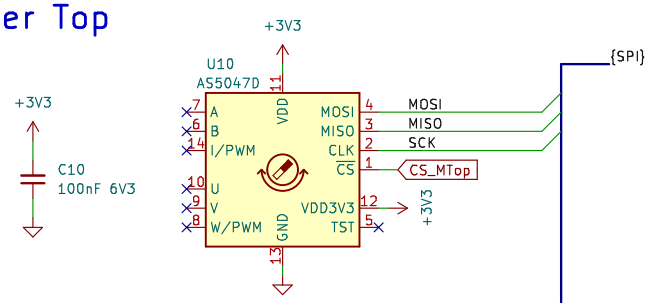
Sheet: /
File: carte_Pacman.kicad_sch

Title: Pacman

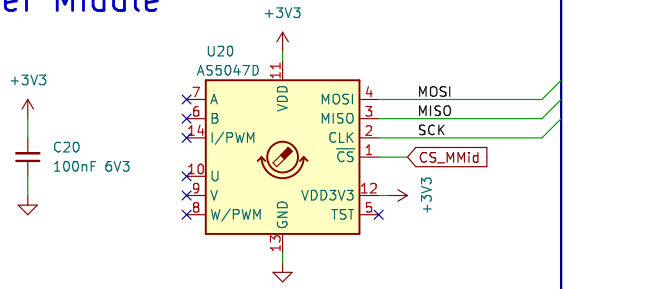
Size: A4	Date: 2023-01-06	**Rev: A1**
KiCad E.D.A. kicad 6.0.2+dfsg-1		Id: 1/2

Nota:
- ICs are inherently ESD protected to ≥ 2kV (HBM) so no need to use extra ESD diodes.

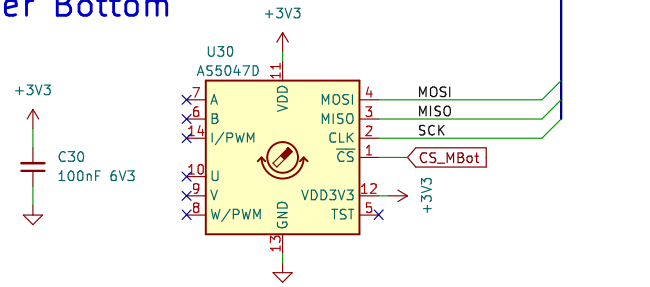
Encoder Top

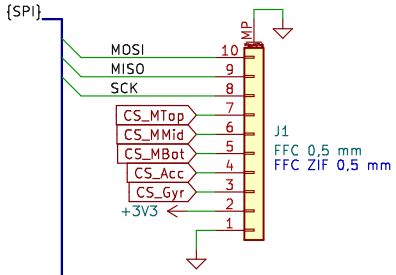


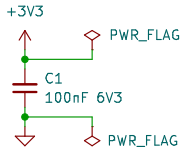
Encoder Middle



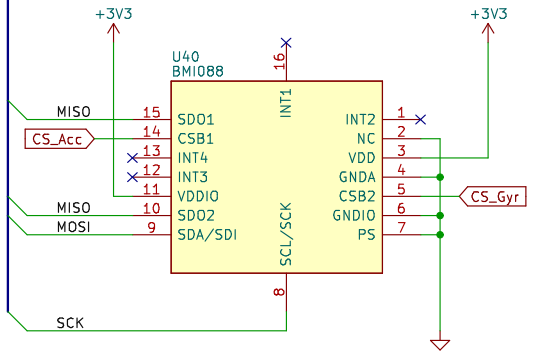
Encoder Bottom

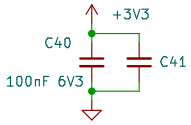






IMU





Pollen Robotics

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