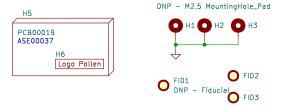
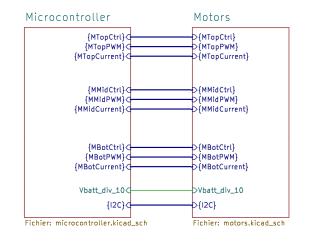
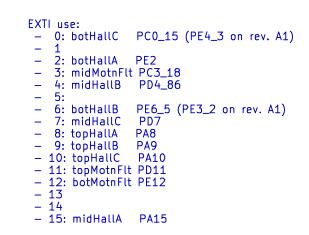
Release	Date	Designer	Check	Comments
A1	06/01/2023	EB	SN	Initial drawing
B1	22/03/2023	ЕВ	SN	[added] Link Vbus and 5V with a OR (DNP) [changed] Boot switch -> press-button [changed] OR configuration points on SimpleFOC operation (EXTI) [changed] Test points got drilled (0,4 mm)
C1	14/04/2023	EB	SN	[fixed] SW1 was not operating (stucked in boot mode) [fixed] remove OR between V_bus & 5V (useless)
	T .	I	l	- [not fixed] freezing bug à l'init. UART ? EXTI ?

[???] changer connecteur flex 10 cts pour un sliding [???] changer connecteur flex 40 cts pour un sliding - [later] UART connector -> Dynamixel (https://emanual.ro botis.com/docs/en/dxl/mx/mx-28/#connector-information)

Houston board is basically a STM32G4 microcontroller that focuses on driving 3 BLDC motors. It gets 3 Hall effects or encoders on motors and absolute positions behind reduction through SPI encoders.









Pollen Robotics

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Date: 2023-04-14 Size: A4 Rev: C1 KiCad E.D.A. kicad 6.0.2+dfsg-1 ld: 1/3

