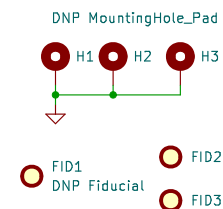
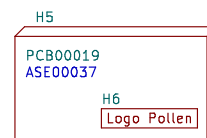
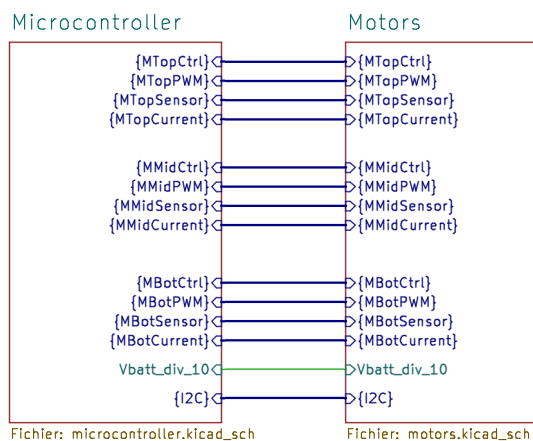


Release	Date	Designer	Check	Comments
A1	06/01/2023	EB	SN	Initial drawing

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

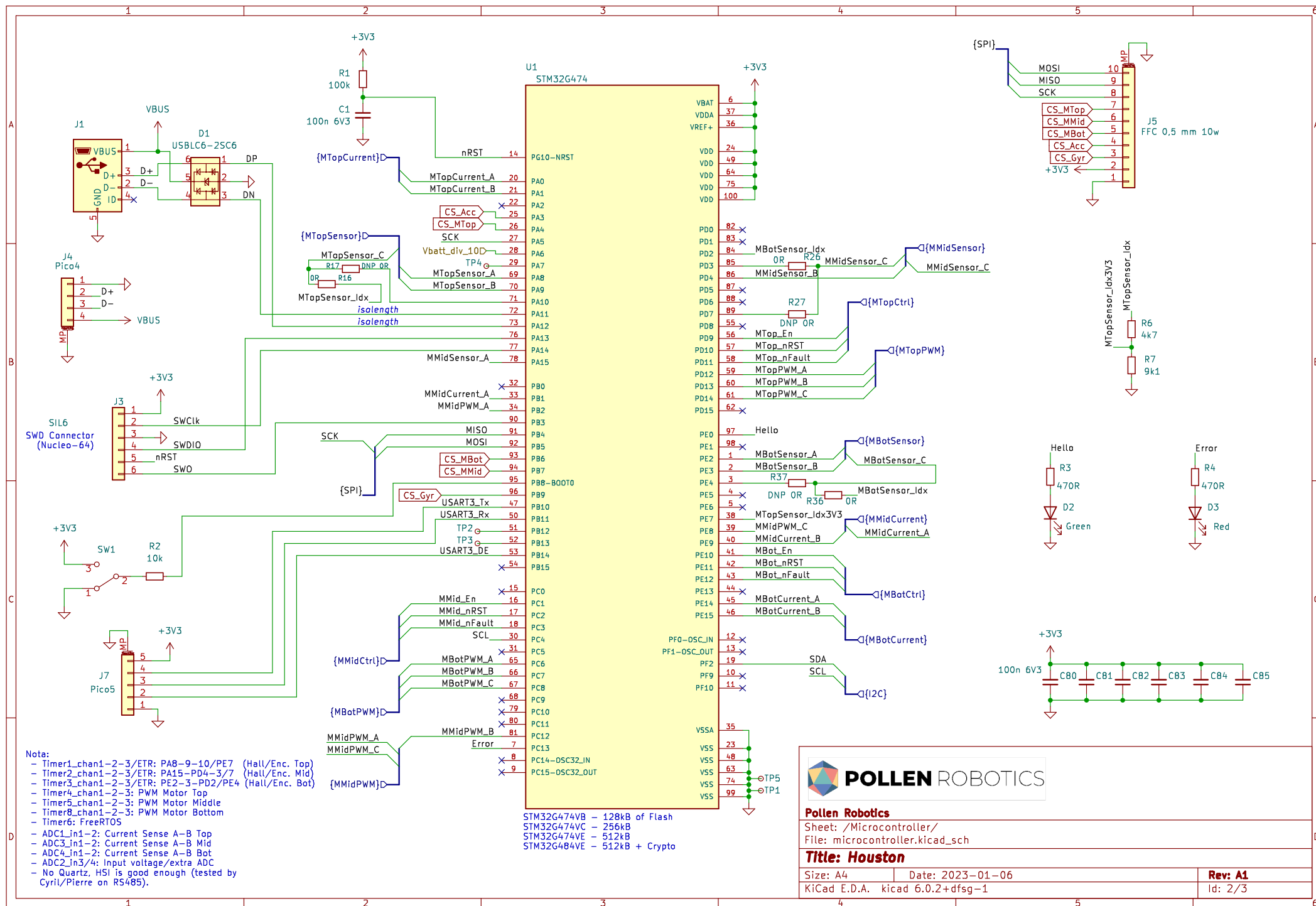
**Pollen Robotics**

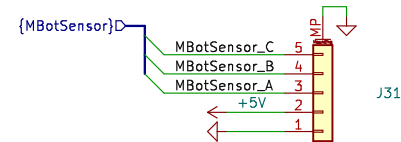
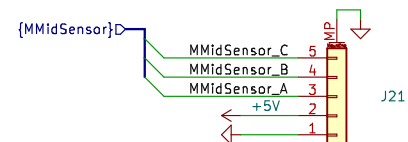
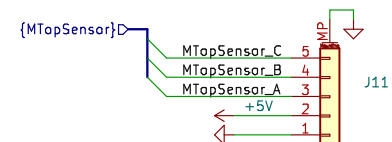
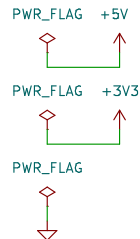
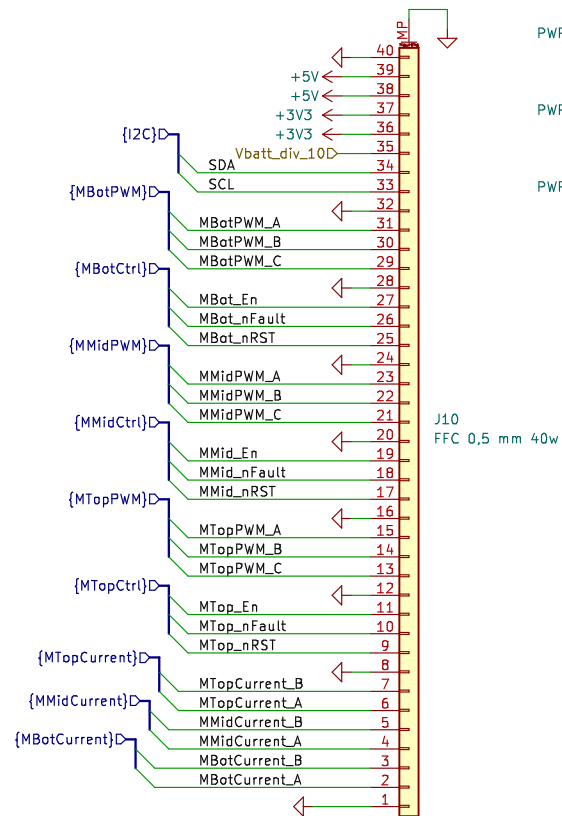
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**Title: Houston**

Size: A4 Date: 2023-01-06  
KiCad E.D.A. kicad 6.0.2+dfsg-1

**Rev: A1**  
Id: 1/3





Pico5  
5 Volts-tolerant inputs

Nota: /!\ J1 is inverted in regards to the facing connector (J10 on Major Tom).



**POLLEN ROBOTICS**

**Pollen Robotics**

Sheet: /Motors/

File: motors.kicad\_sch

**Title: Houston**

Size: A4

Date: 2023-01-06

KiCad E.D.A. kicad 6.0.2+dfsg-1

**Rev: A1**

Id: 3/3