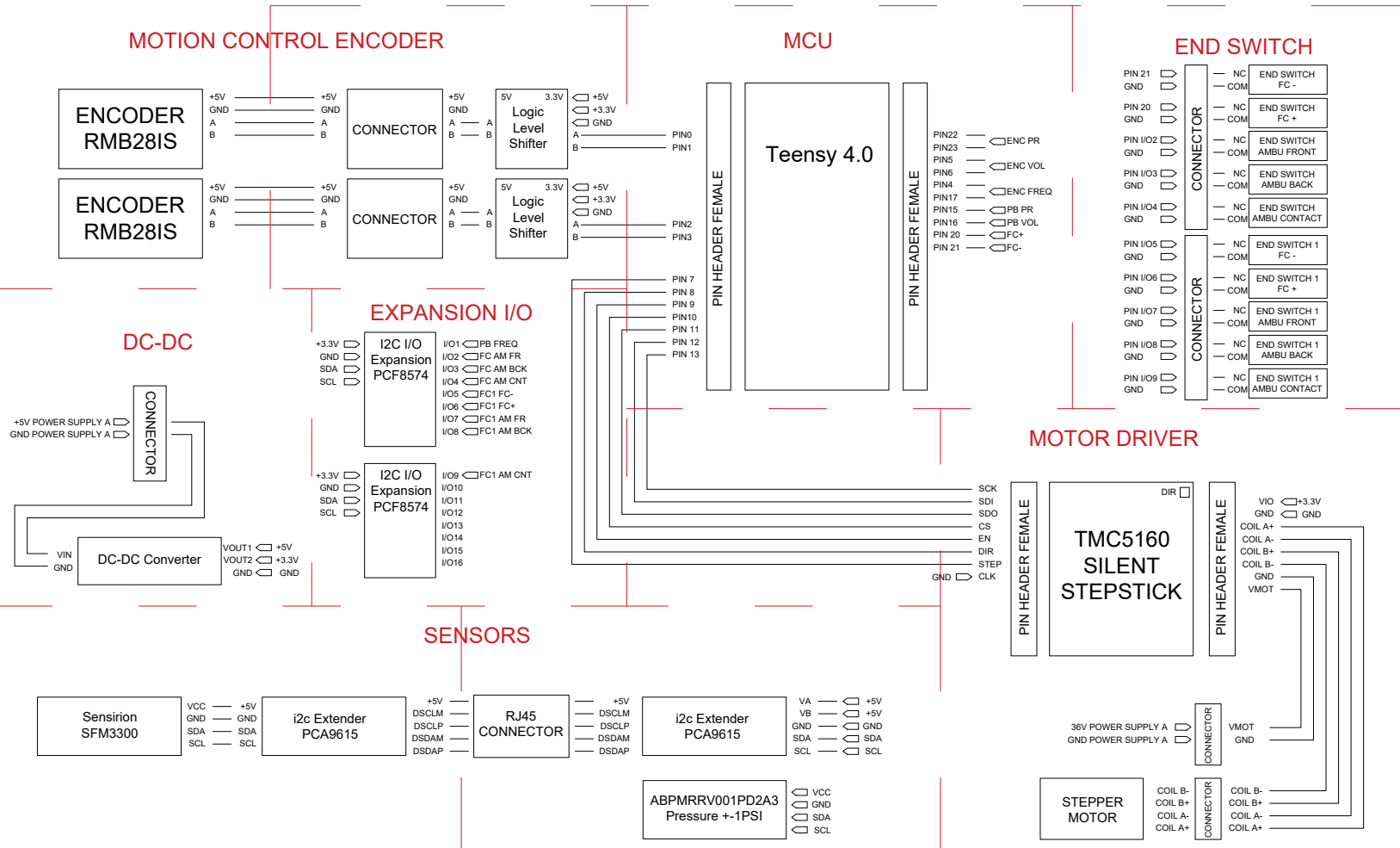
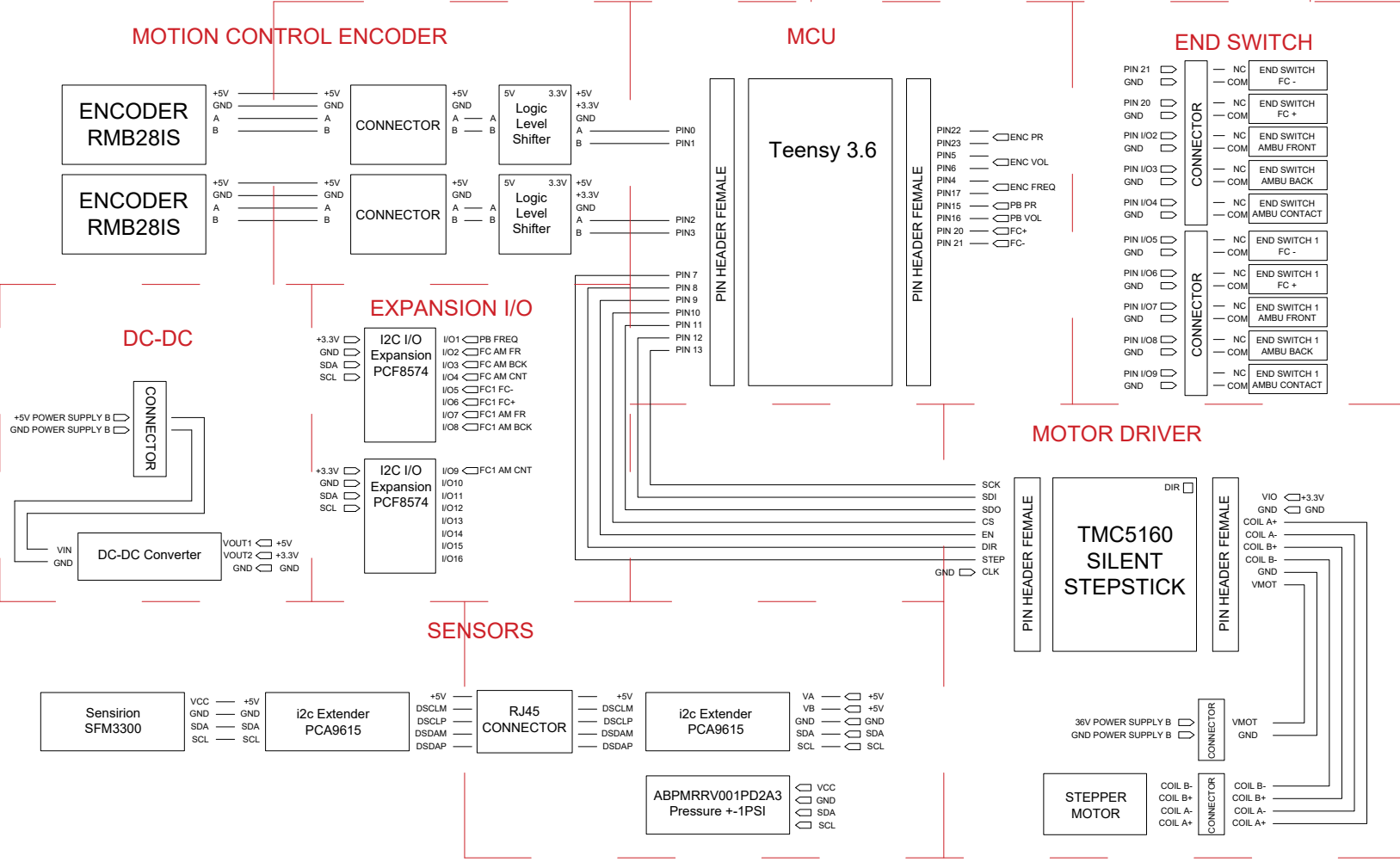


MODULE A



- We have some RF noise problems, without shielding the limit switch cables we have some false input triggers, we think we need to design a filtering system in the inputs.
- Redundant power supply for logic and Motor drivers.
- Using two different MCU for safety reasons.
- Common connection between the MCUs and the user interface elements.
- This scheme is only a concept, actually the circuit it's on breadboard, feel free to apply any changes you consider necessary for the proper functioning of the system.

MODULE B



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DRAWING TITLE

System Scheme

SIZE	DRAWING NUMBER	REV
A3	XXX	0.1
SCALE	X:X	WEIGHT(Kg) XXX
DESIGNED BY	DATE	SHEET
Gabriel D'Anselmo	09/04/2020	1/1