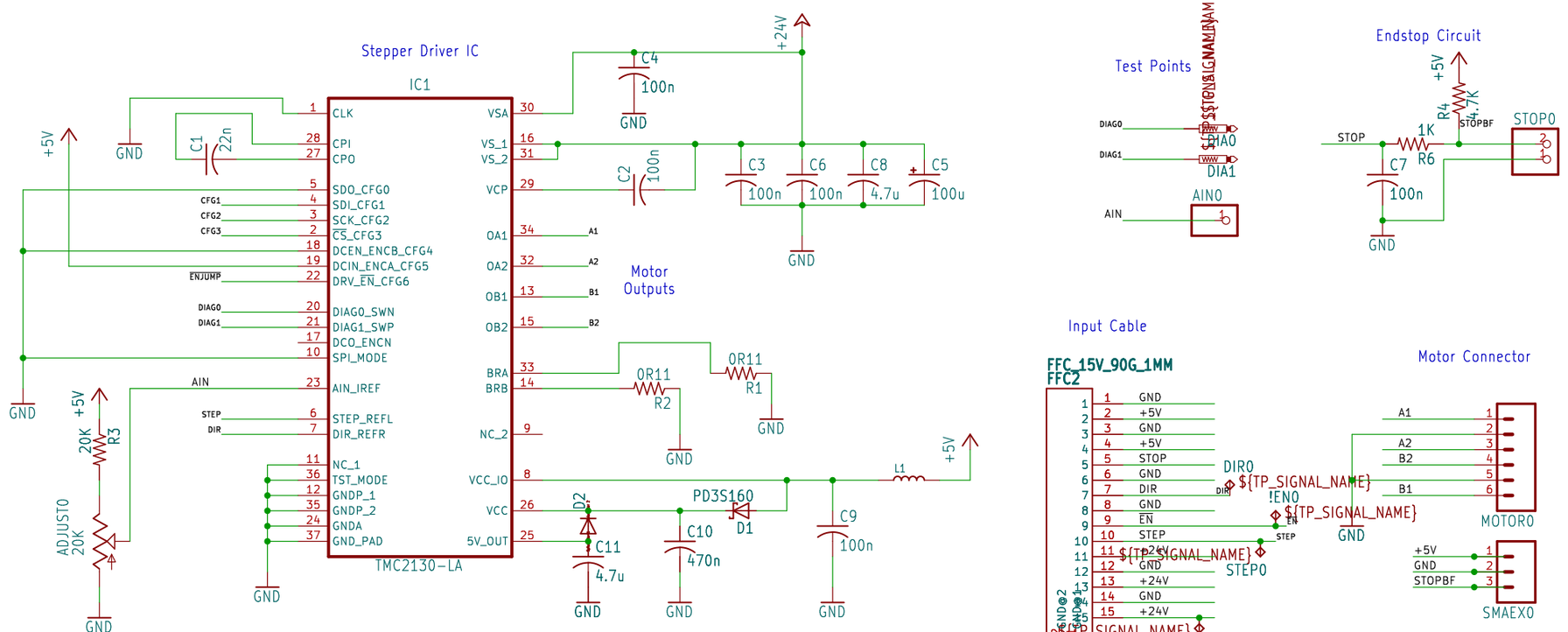

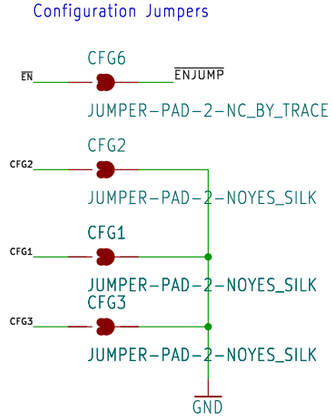

Jumper Configurations:
CFG2 - CFG1
Open Open --> 16 uSteps to 256 (StealthChop)
Open GND --> 16 uSteps to 256 (SpreadCycle)
GND Open --> 2 uSteps to 256 (SpreadCycle)
GND GND --> FullStep (SpreadCycle)
CFG3
Open --> External Reference voltage (POT)
Current scale set by sense resistors and scaled by AIN.
GND --> Internal Reference voltage. Current scale set by sense resistors only.
CFG6
By default is connected to $\overline{EN}$ signal from the microcontroller. If you cut the trace it will ramp down from 100% to 34% motor current in 3-4 seconds when no input pulses detected during more or less 1 second. Then you can resolder it.
DIAG0 = Open Drain. Signals drive error
DIAG1 = Open Drain. Signails microstep table index Position

FUNDACIÓcim BARCELONATECH

BCN3D

BCN3DTechnologies Silent Stepper Driver
Based on the Trinamic TMC2130.
Endstop circuit integration.

www.bcn3dtechnologies.com
Designed by: Marc Cobler
Contact Info: mcobler@fundaciocim.org

TITLE: ${PROJECTNAME}

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