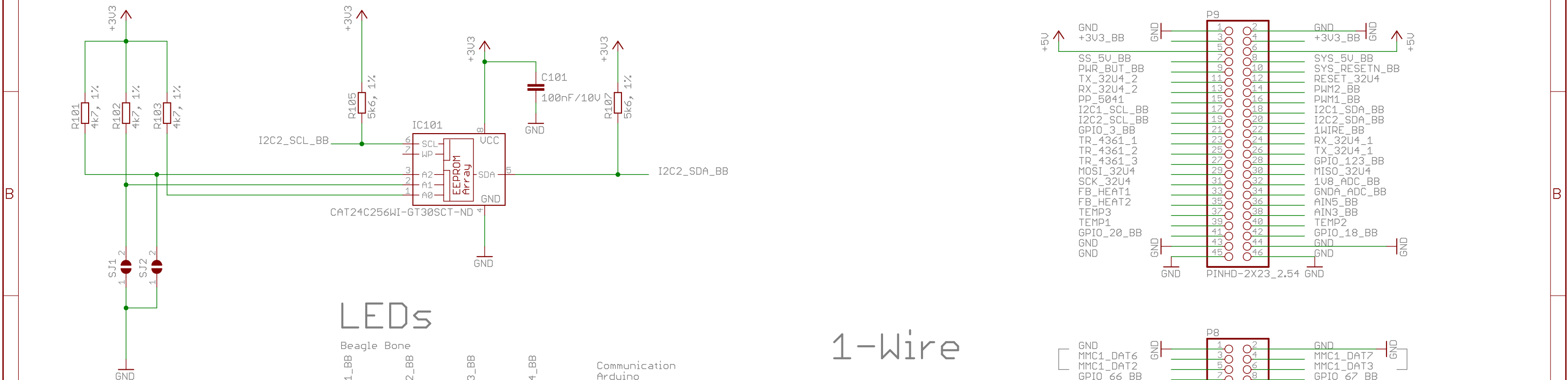
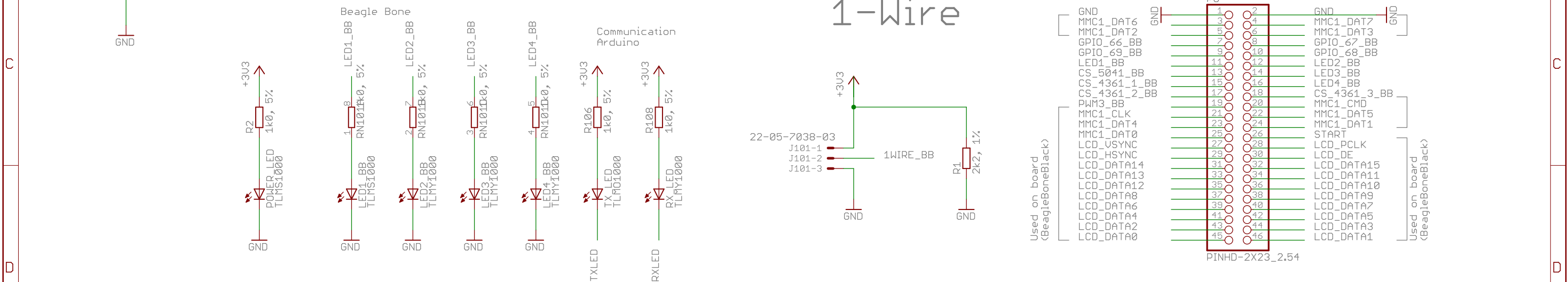


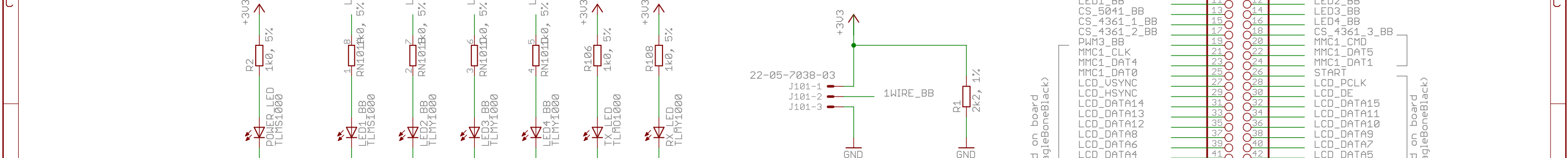
1	2	3	4	5	6	7	8
EEPROM - Config BeagleBone				Connector BeagleBone			



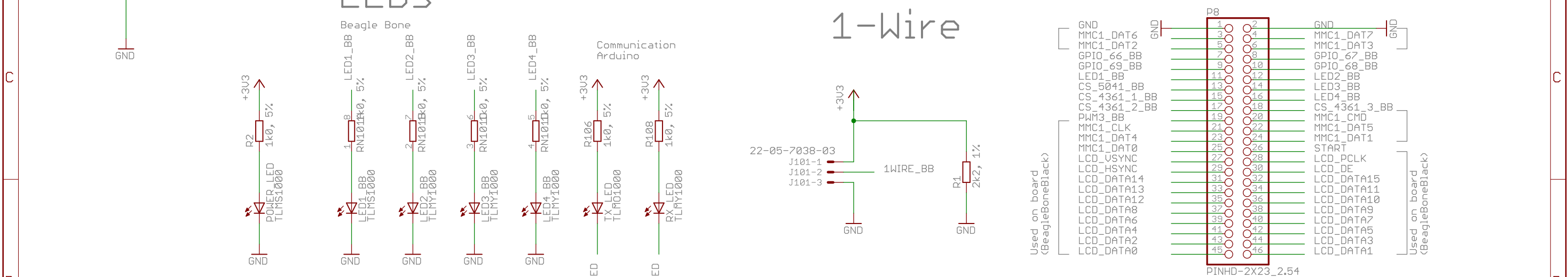
LEDs



1-Wire



1	2	3	4	5	6	7	8
EEPROM - Config BeagleBone				Connector BeagleBone			

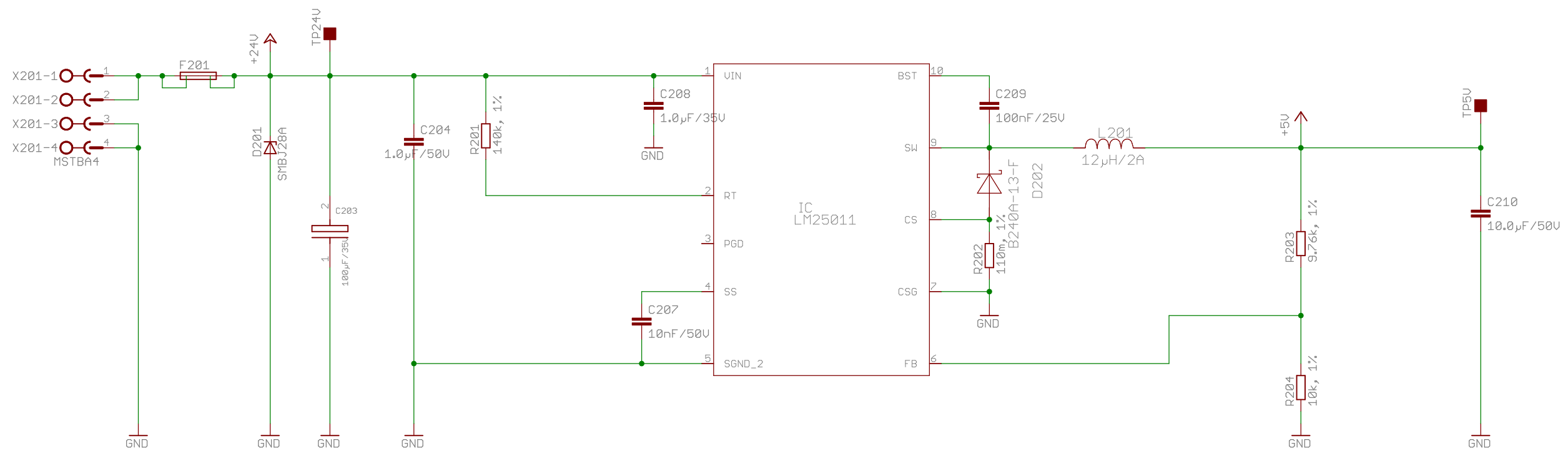


Analog Ground Digital Ground

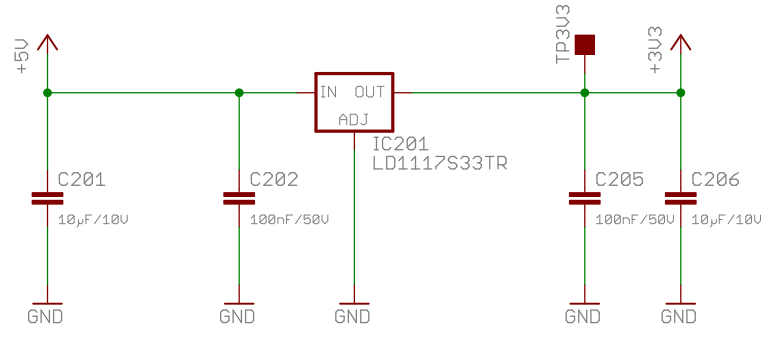
Analog Ground Digital Ground

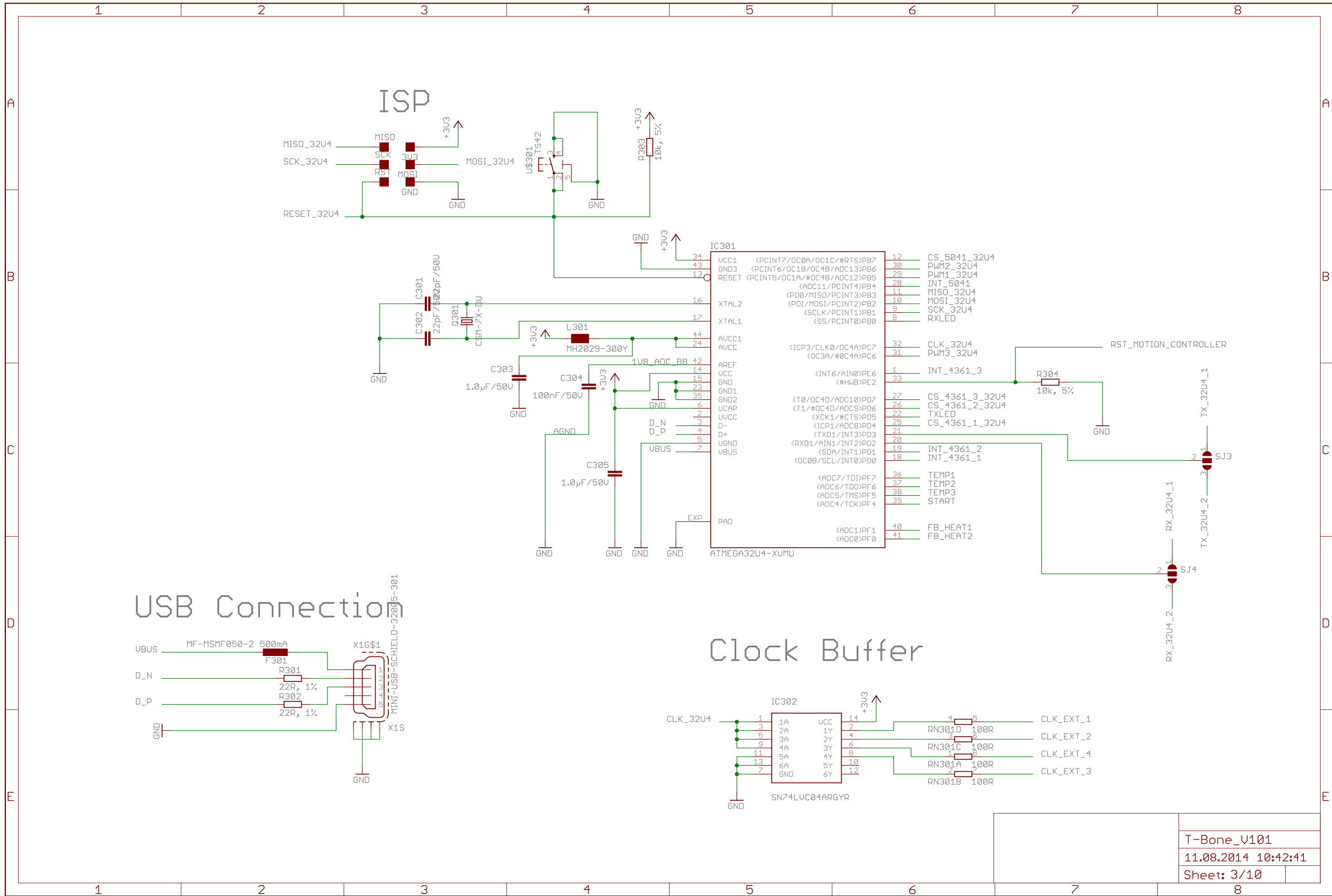


24V to 5V Switching Regulator



5V to 3V3 Low-Dropout Regulator





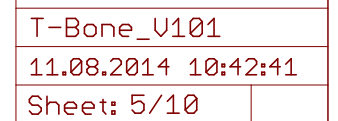
TMC5041 Controller and Driver

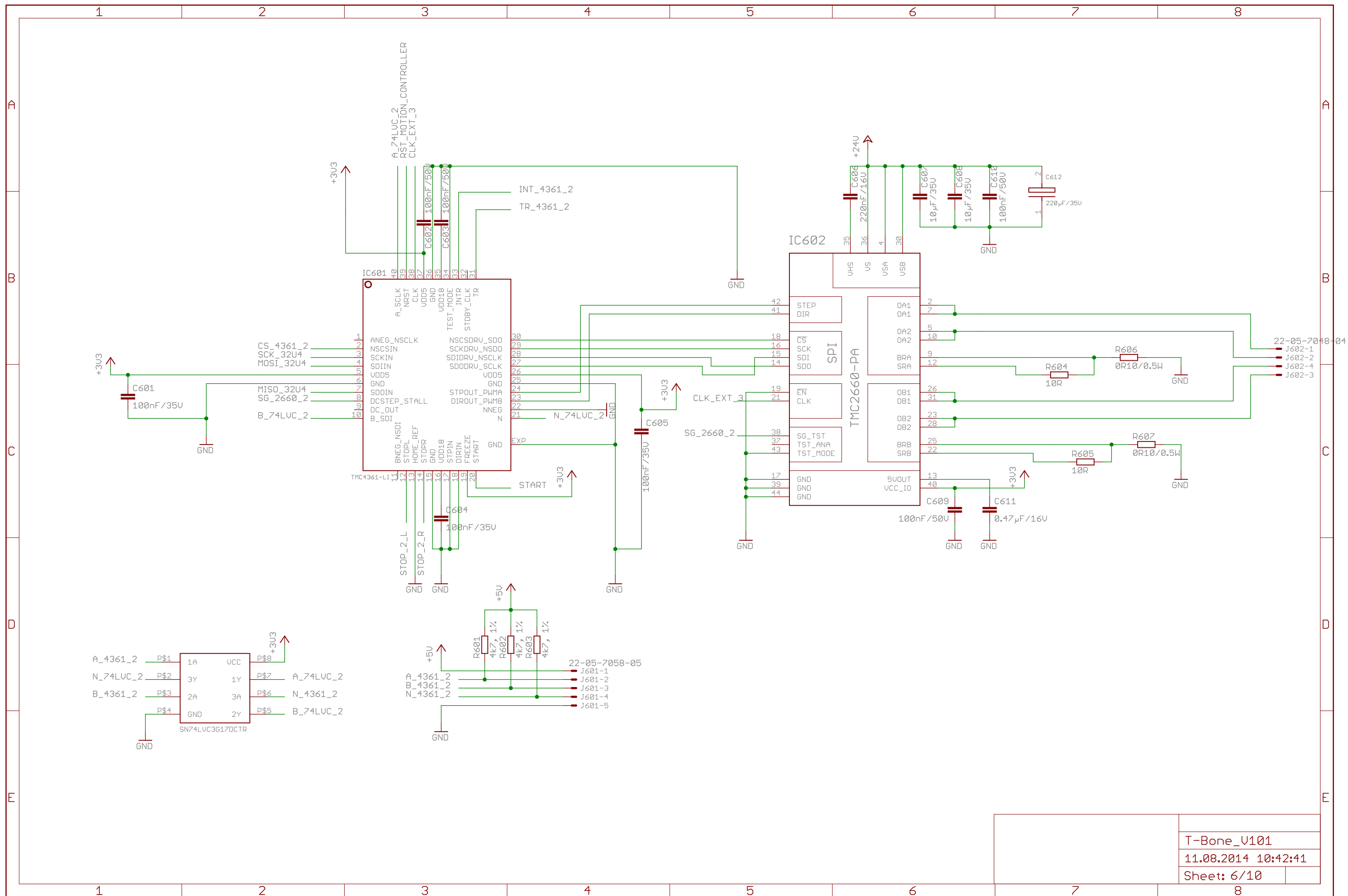
close to pins

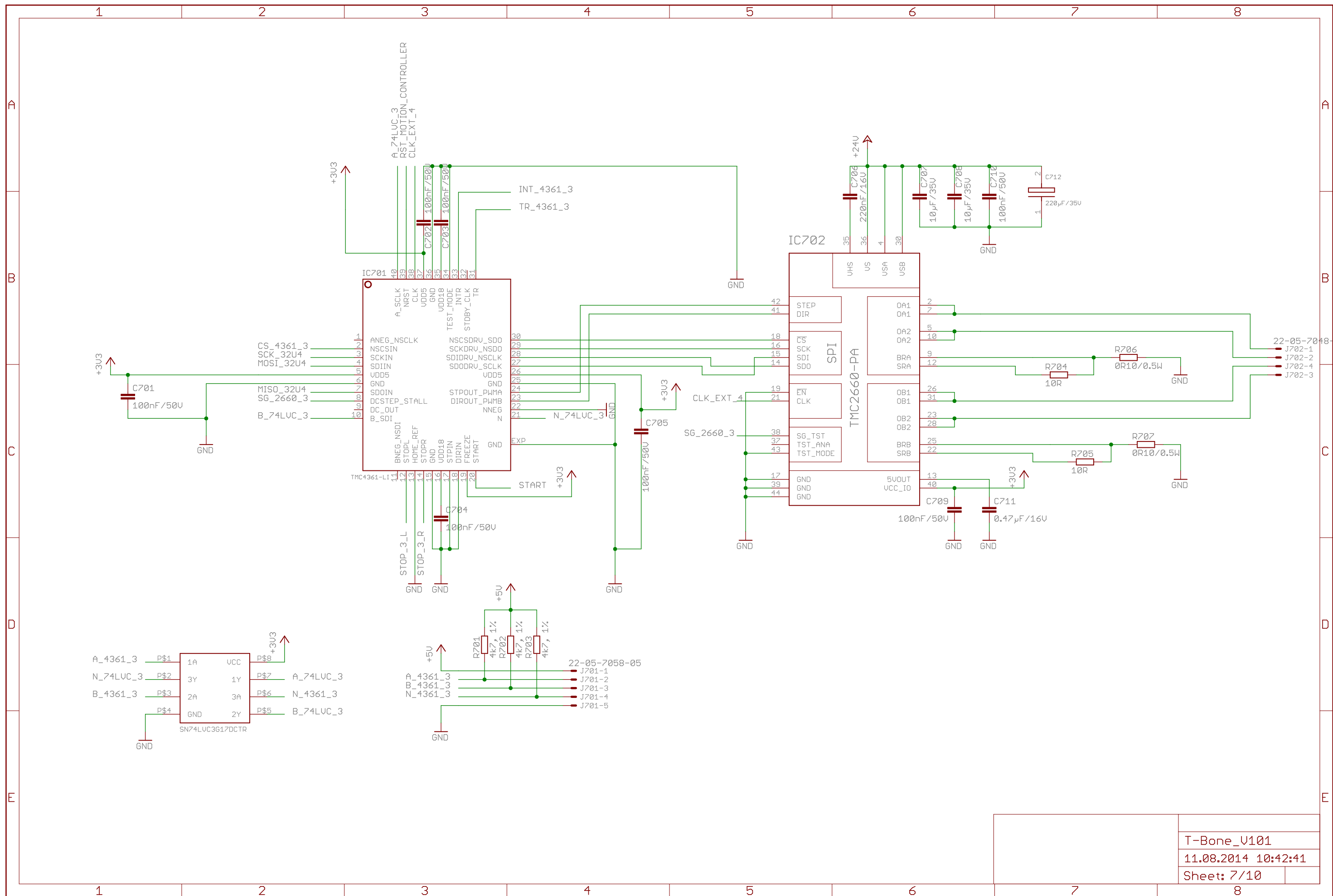
close to VS1_1, VS1_2 and GND
close to VS2_1, VS2_2 and GND

* Sense resistors close to pins
* The two sense resistors for one coil should not share a common ground connection trace or vias.

T-Bone_V101
11.08.2014 10:42:41
Sheet: 4/10





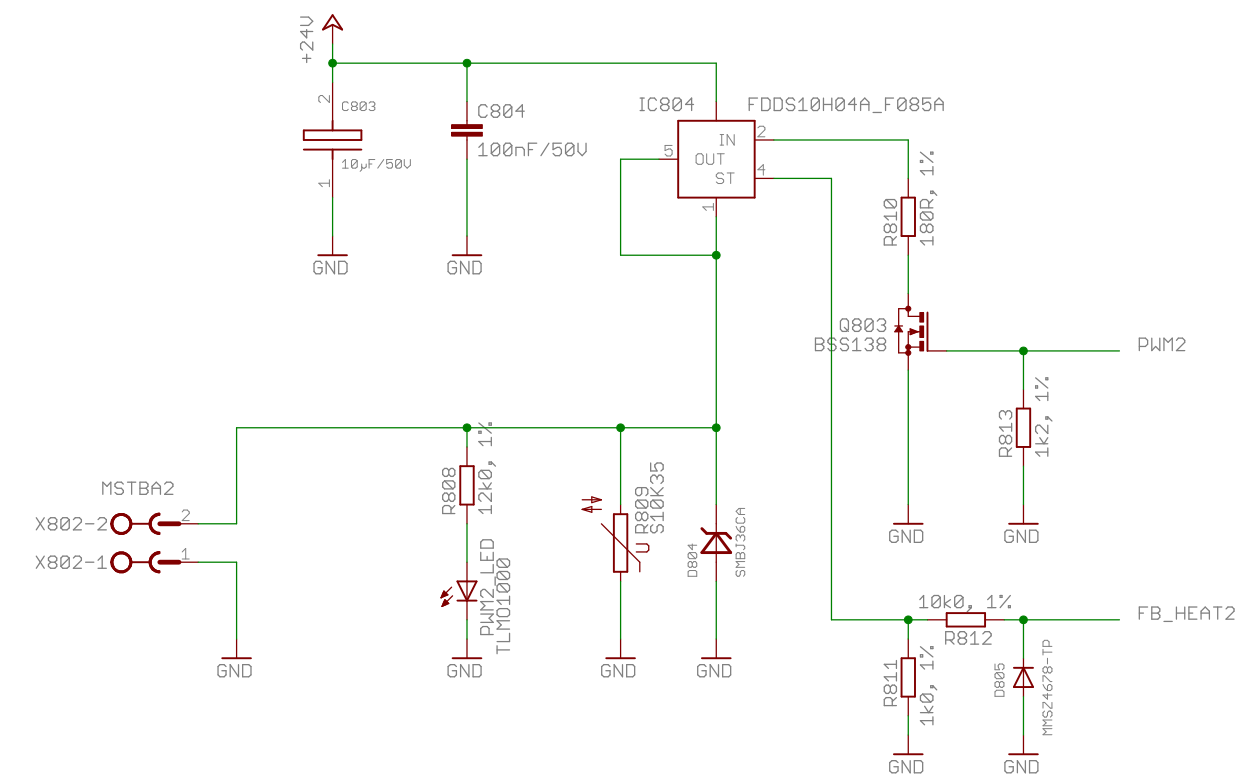
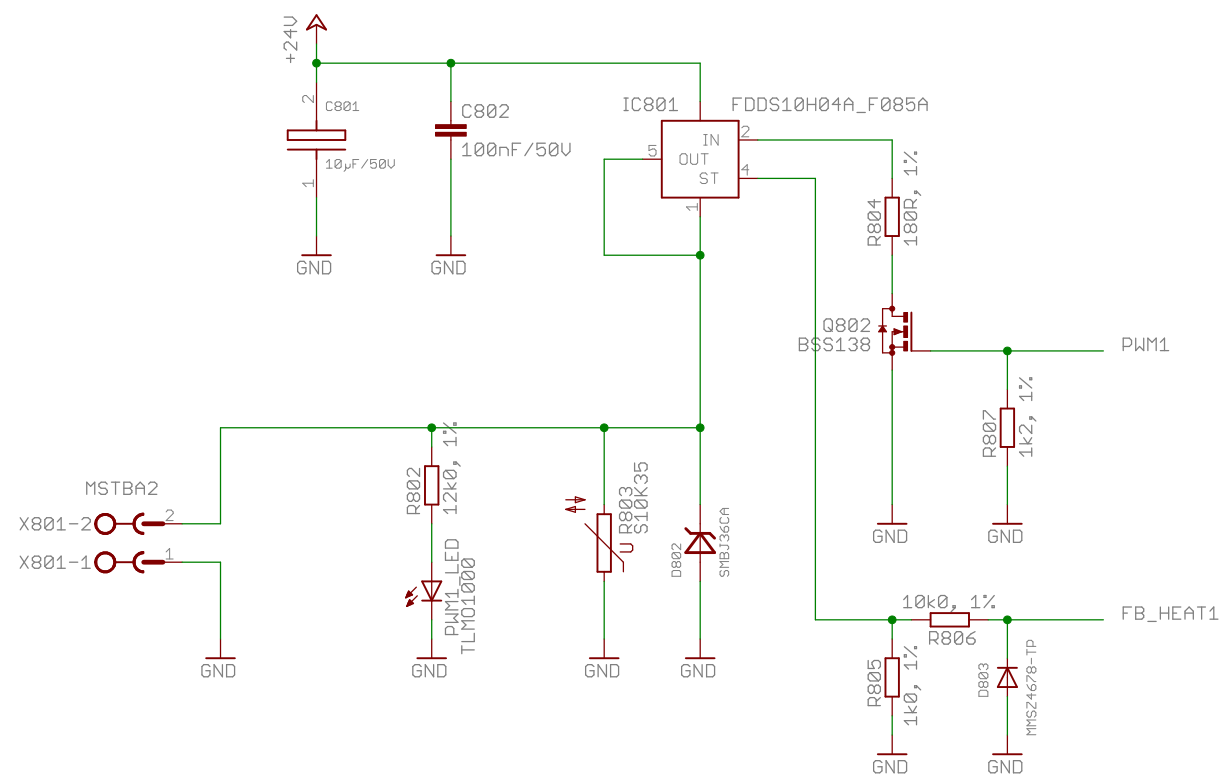


T-Bone_V101

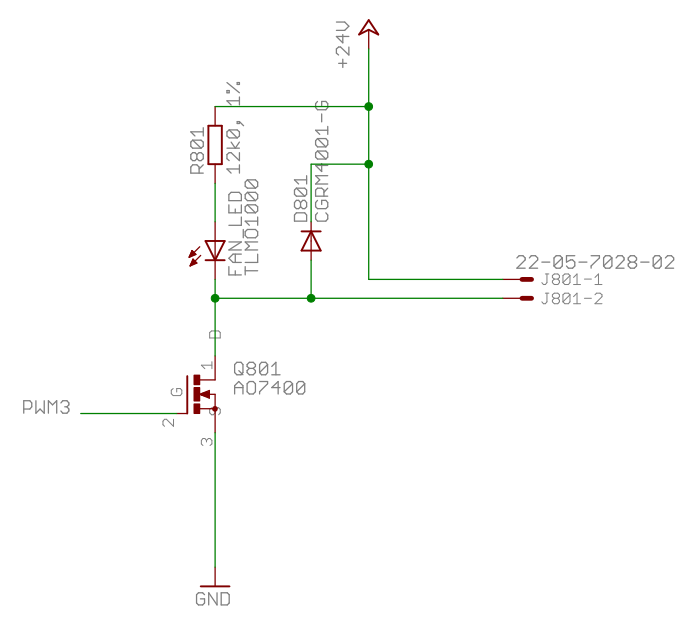
11.08.2014 10:42:41

Sheet: 7/10

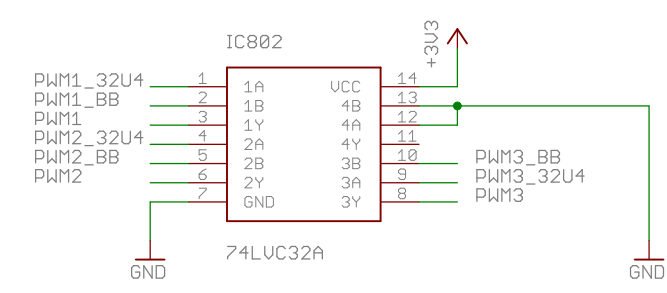
Power Switches for high current (Heatbed, Hotend)



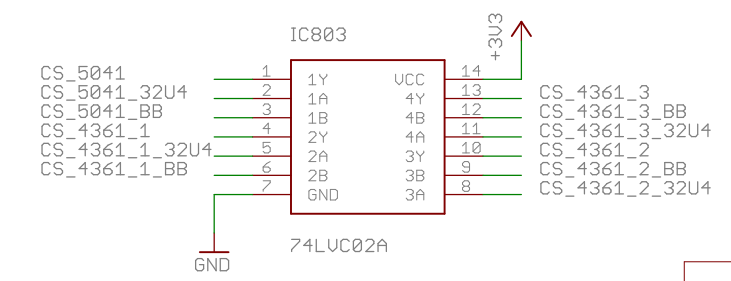
FET for fan control



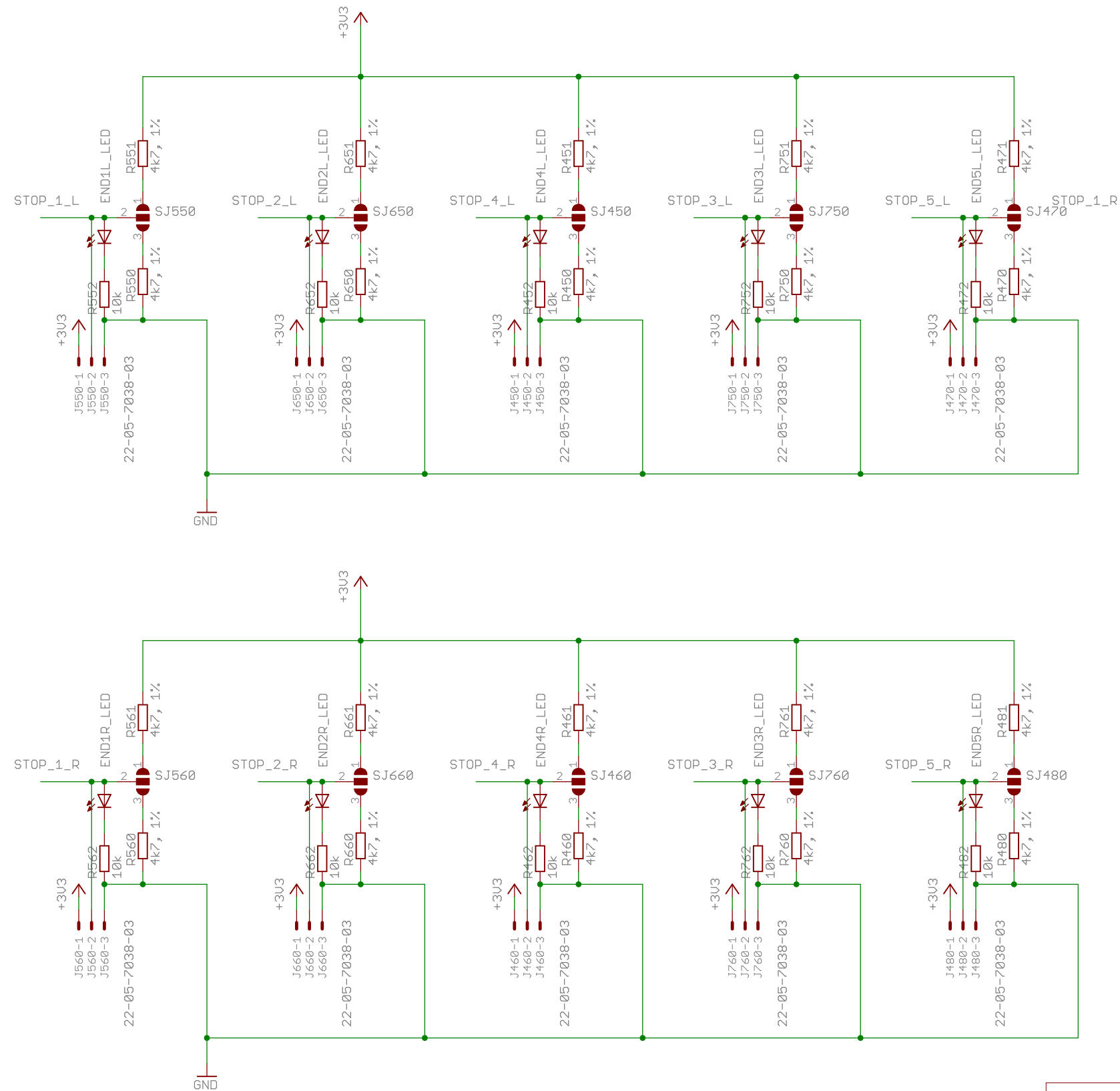
PWM with Arduino or BeagleBone



CS with Arduino or BeagleBone



Connectors for Endstops (Pullup/-down optional)



Connectors for Thermistors

