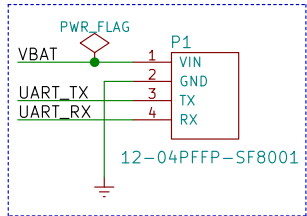
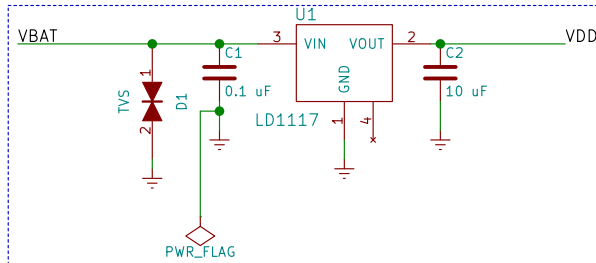


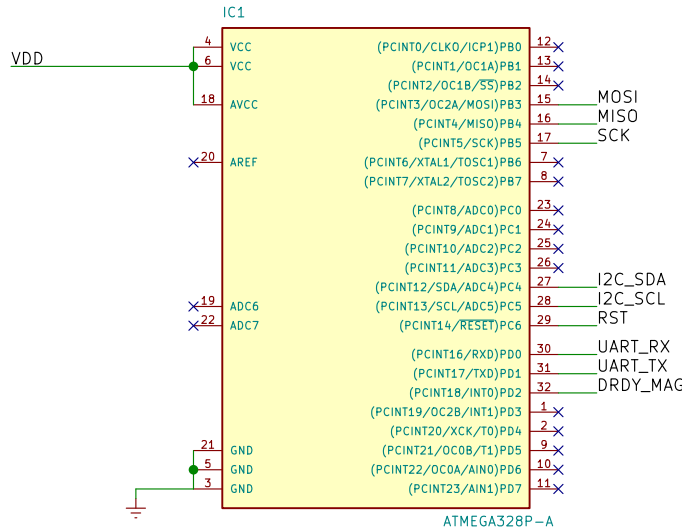
Input power+serial connector (M12)



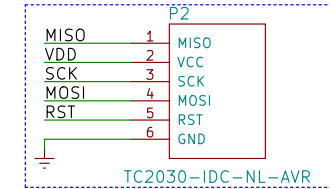
Power Supply



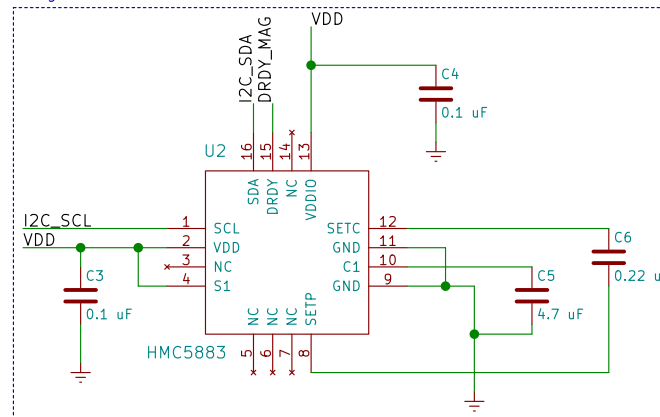
Layout note: Place decoupling capacitors close to regulator!  
Place TVS Diode as close to connector as possible!



Programming/Debug header

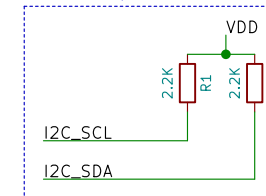


Magnetometer



Layout note: Do NOT route any traces under magnetometer!  
Place decoupling capacitors as close to corresponding pins as possible!

I2C Pull-ups



## PCB Description: MicroAHRS Magnetometer Functionality Module

Sheet: / File: MicroAHRS.sch		Controls and Robotics Research Laboratory	
PCB: EE-00001-001		Assembly: EE-00001-002	
Design Engineer: Abhimanyu Ghosh			
Design Review Engineer: Abhimanyu Ghosh			
Size: A4		Release Date:	Rev: 0.1
KiCad E.D.A. kicad 4.0.2-stable			Id: 1/1