

**NOTE: This is a “Work In Progress”; implement at your own risk.**

Sheet: OSv4\_logic

Logic

File: OSv4\_logic.sch

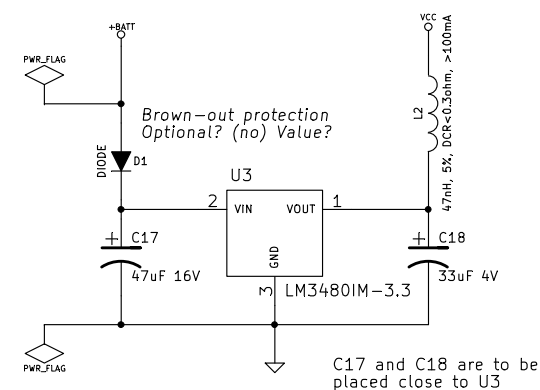
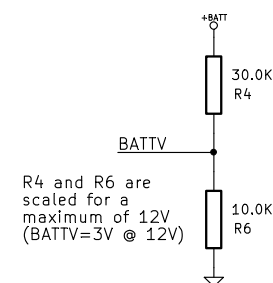
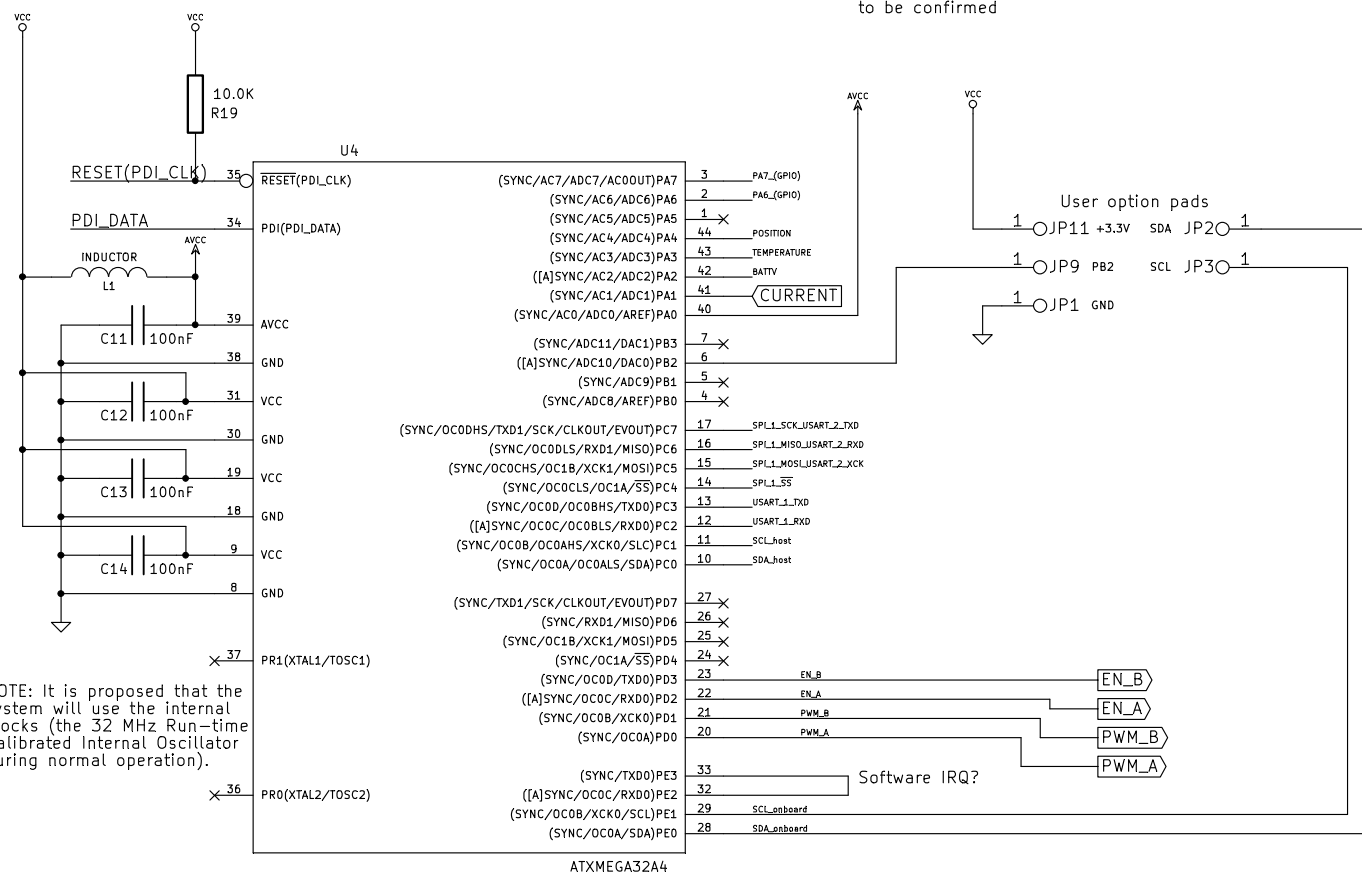
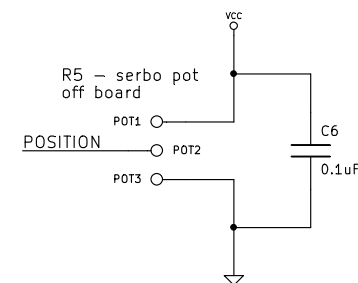
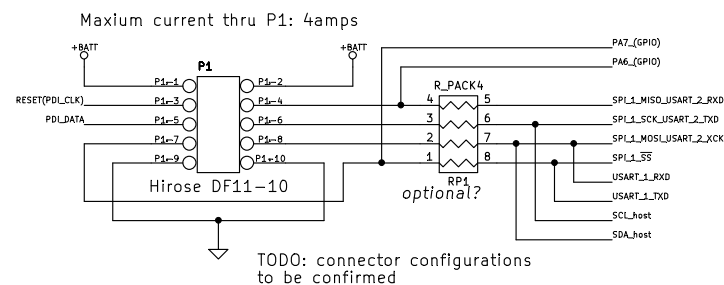
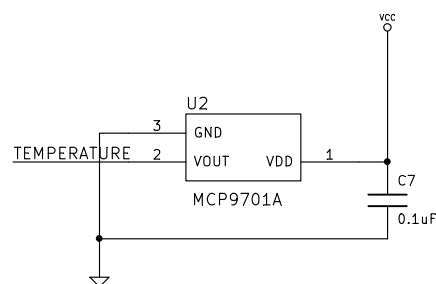
Sheet: OSv4\_H-bridge

H-bridge

File: OSv4\_H-bridge.sch

File: OSv4.sch		
Sheet: /		
Title: OpenServo v4 preliminary work-up, © OpenServo project 2010		
Size: A4	Date: 25 apr 2010	Rev:
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NOTE: Decoupling capacitors to be placed close to the device for each supply pin pair in a signal group.

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Rev: 0.0

Id: 2/3

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TODO: Do we need to Reinststate R9, R10, R13 and R14? If yes, then they should be an RPACK to save PCB space.

TODO: What value is needed for the protection diode D2?

TODO: R1 and R3 need adjustment for V4.

Potential MOSFETs for Q1/Q4:  
 SP8M4  
 FDS8858CZ  
 FDS9934C??

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TODO: What value is needed for the protection diode D2?

TODO: R1 and R3 need  
adjustment for V4.

Potential MOSFETs for Q1/Q4:  
SP8M4  
FDS8858CZ  
FDS9934C??