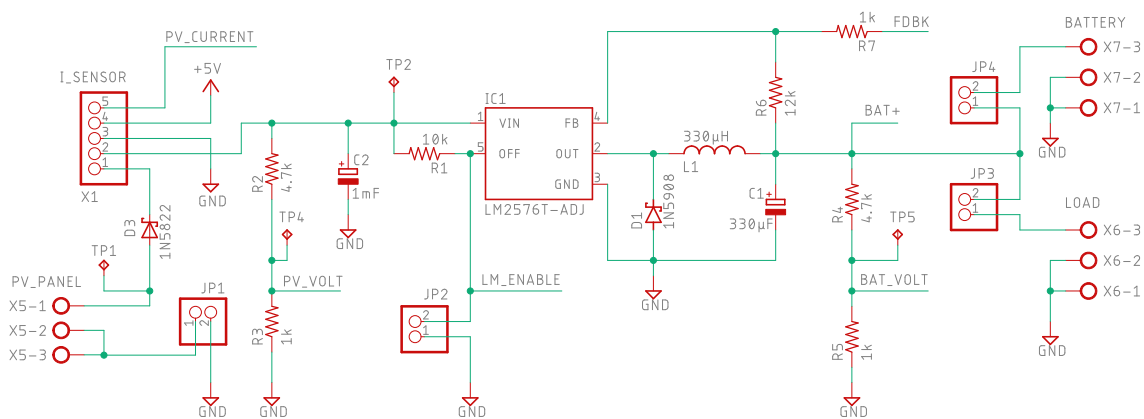
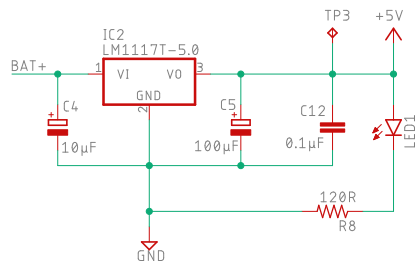


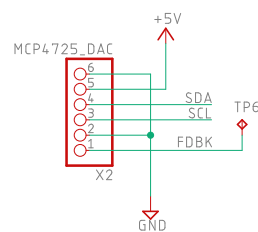
LM2576 step-down converter



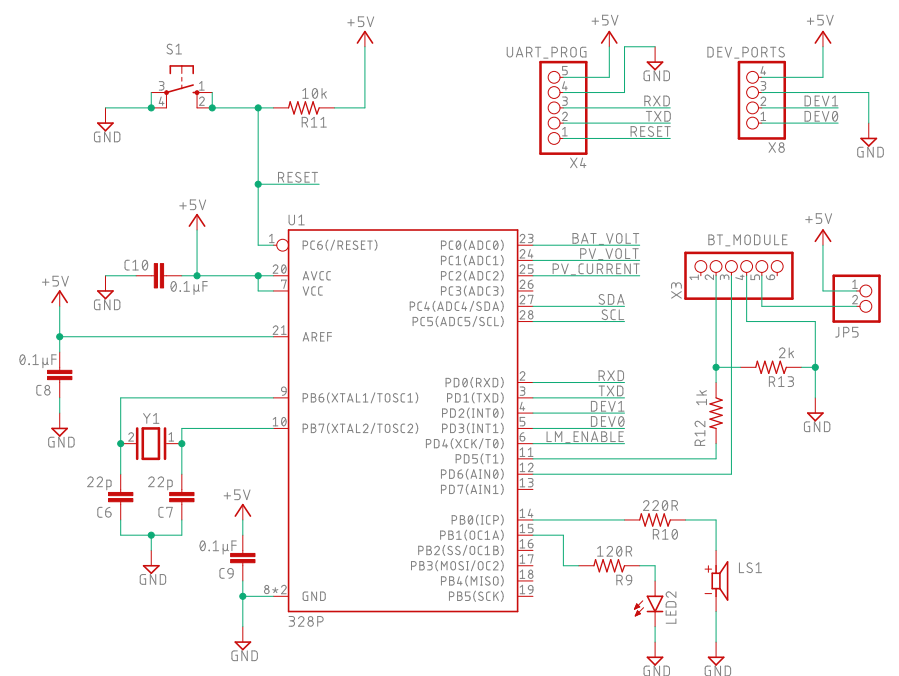
LM1117T 5V voltage regulator



MCP4725 Digital-to-analog converter



Atmega328 microcontroller



Sidenotes

Schottky diode D3 (low forward voltage) is used for reverse current protection of PV panel.

Jumpers (JP) may be used as an interface for external switches.

Ports DEV (0, 1) are for future development purposes.

Values of resistors (R2 – R7) should be measured before soldering for calibration.

Author: Karol Wojslaw

Title: MPPT charge controller

Revision: 0.1

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