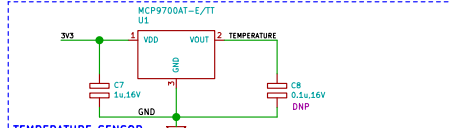
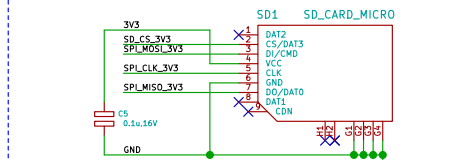


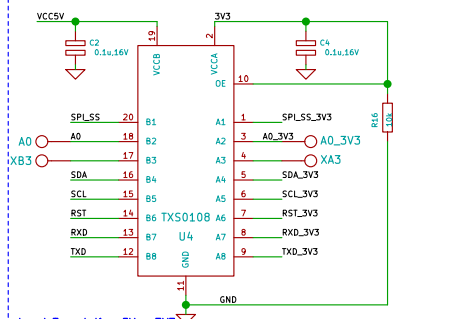
PANEL ON CONTROL



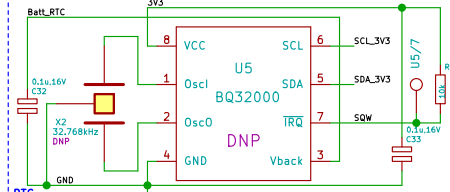
TEMPERATURE SENSOR



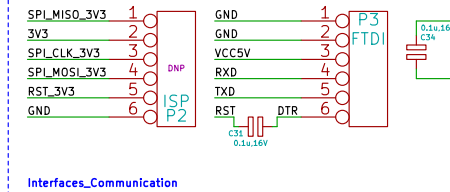
Micro SD Card



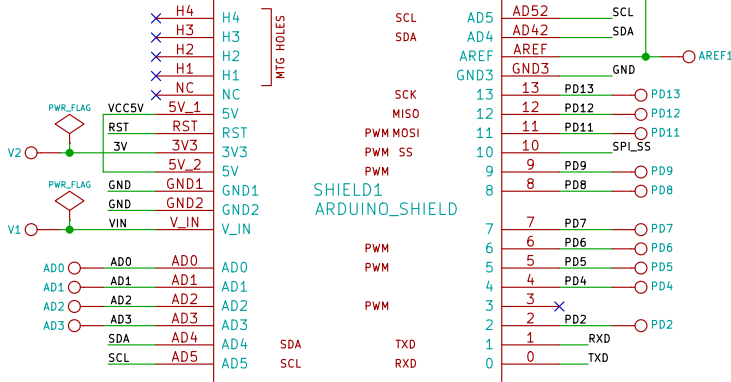
Level Translation 5V to 3V3



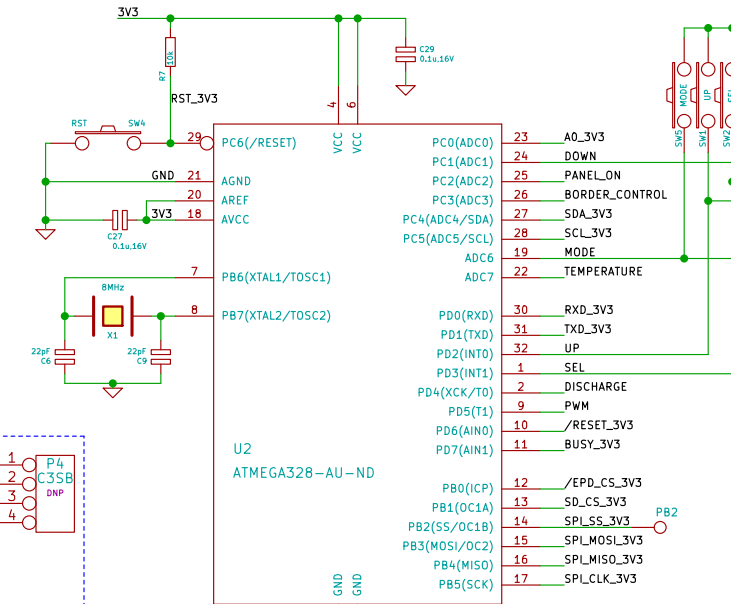
RTC



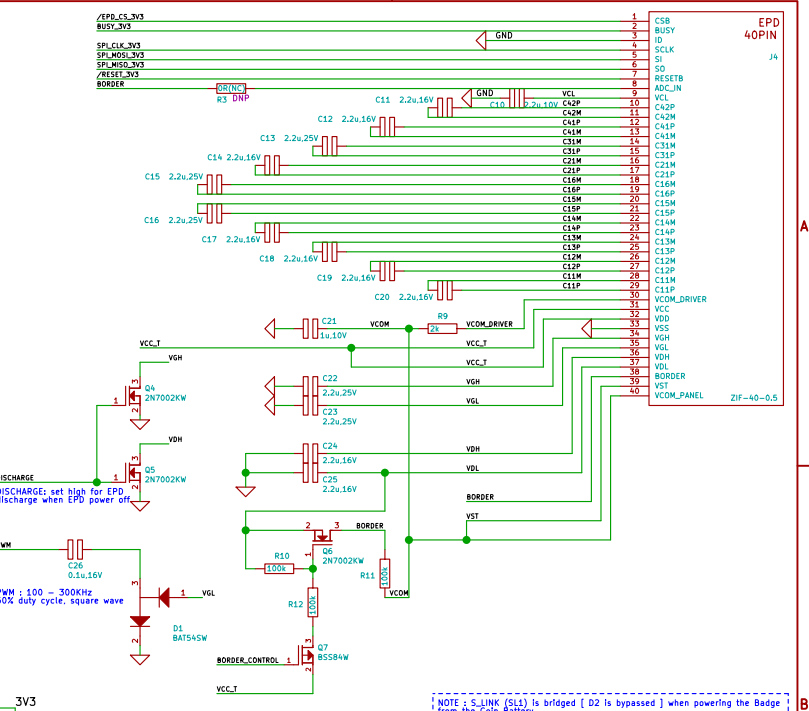
Interfaces Communication



SHIELD1 ARDUINO_SHIELD

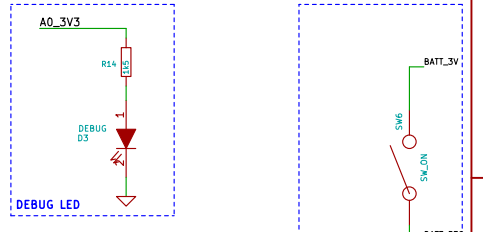


U2 ATMEGA328-AU-ND

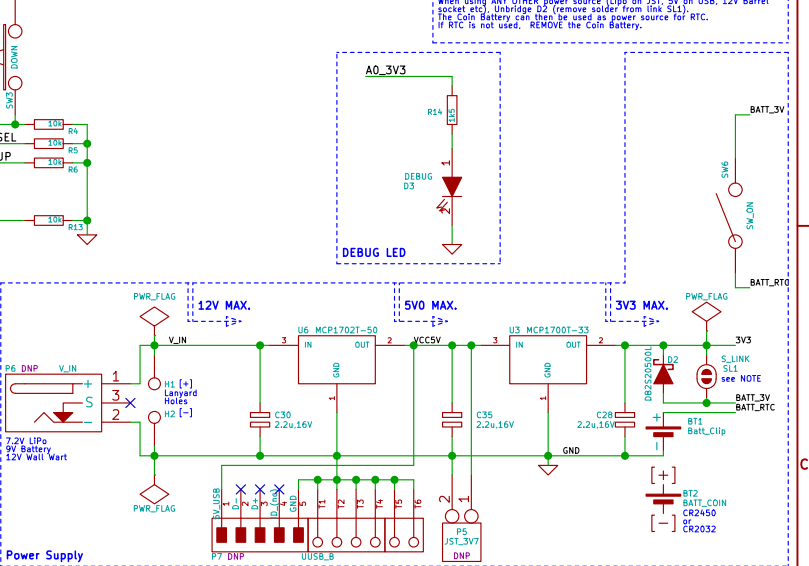


EPD 40PIN J4

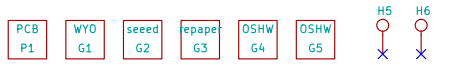
NOTE - S LINK (SL1) is bridged [D2 is bypassed] when powering the Badge from the Coin Battery.
 - when using ANY OTHER power source (Lipo on JST, 5V on USB, 12V Barrel socket etc), Unbridge D2 (remove solder from link SL1).
 - The Coin Battery can then be used as power source for RTC.
 - If RTC is not used, REMOVE the Coin Battery.



DEBUG LED



Power Supply



File: OHSBadge.sch	Sheet: /
Title: BADGER_v4	
Size: A4	Date: 16 jul 2013
KiCad E.D.A.	Rev: 1d/1/1