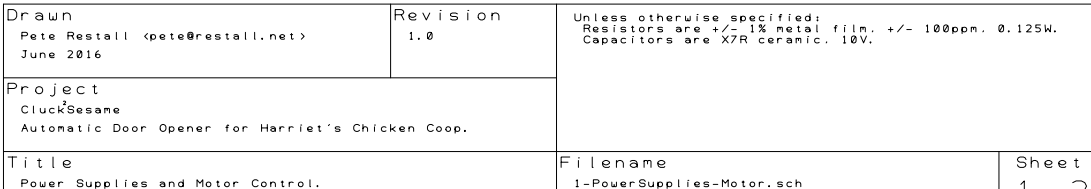
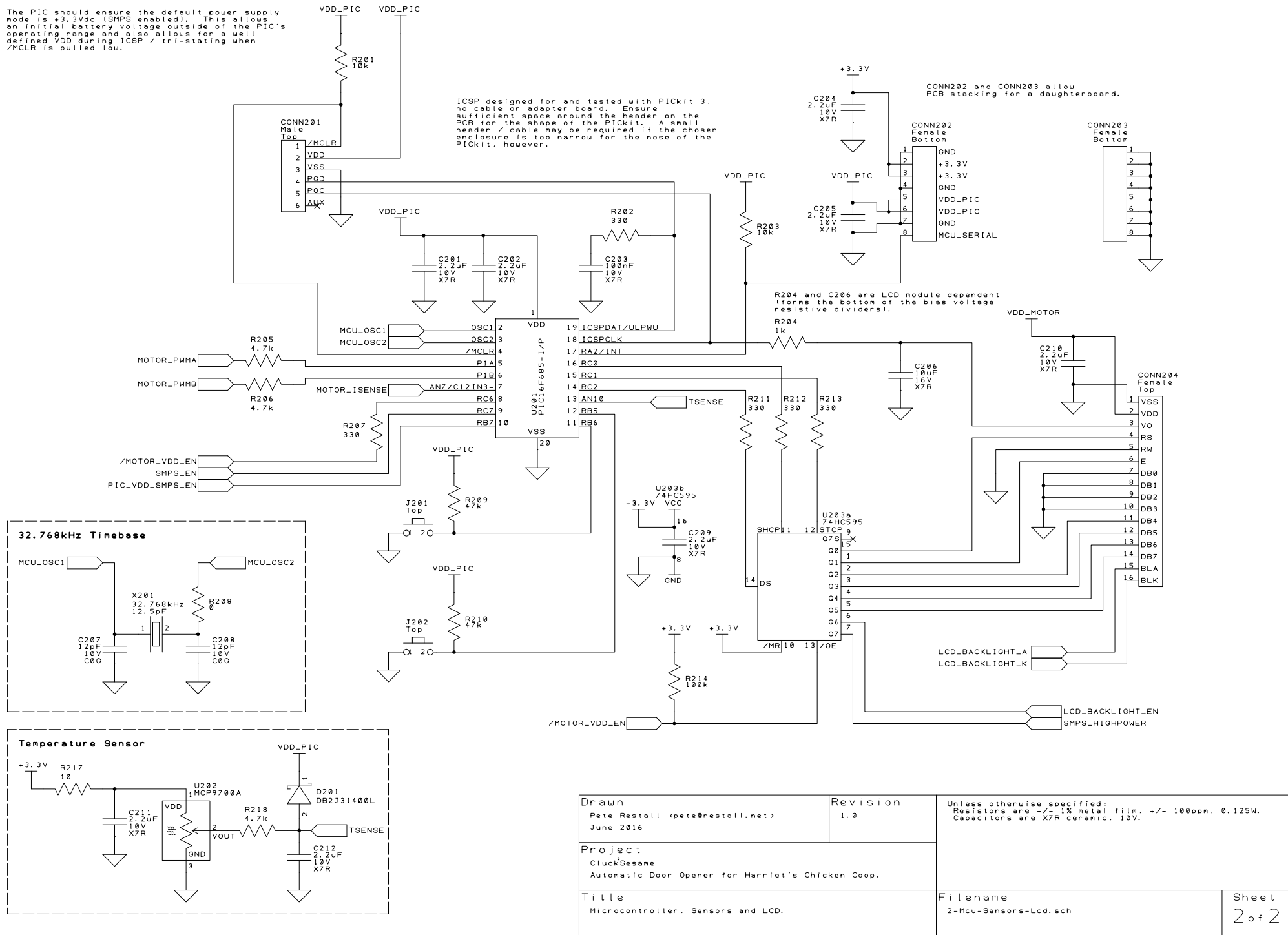


A solar panel solution would also allow an indication of light level without a separate photodetector.



The PIC should ensure the default power supply mode is +3.3Vdc (SMPS enabled). This allows an initial battery voltage outside of the PIC's operating range and also allows for a well defined VDD during ICSP / tri-stating when /MCLR is pulled low.



Drawn
Pete Restall <pete@restall.net>
June 2016

Revision
1.0

Unless otherwise specified:
Resistors are +/- 1% metal film, +/- 100ppm, 0.125W.
Capacitors are X7R ceramic, 10V.

Project
CluckSesame
Automatic Door Opener for Harriet's Chicken Coop.

Title
Microcontroller, Sensors and LCD.

Filename
2-Mcu-Sensors-Lcd.sch

Sheet
2 of 2