James Solonika
EET 256 Capstone
Progress Report
Week 7

IC Tester

Current functionality -
Two counters run through all combinations for an 8 input 7400 series logic chip once a
start button is pressed.. Microcontroller verifies whether the output is correct for a logic
chip or not. Output LEDs are multiplexed to save space.

Problems -
Still catching up after midterms, not a lot of progress this week. Also, my circuit stopped
functioning properly, so I took the opportunity to rewire it to clean up the connections.

Next Weeks Steps -
Get counter working again. Circuit should be working properly once that happens.

Percentage complete -
Hardware - 90%
Software - 60%

Hardware changes log -
Added a multiplexer on the output LEDs
Rewired the whole board

Software changes log -
Discovered an error in the EEPROM burn and corrected it.

Purchases log -
None this week