

Lab 04, Check Off

Instructions: When you are ready, print this form and find a T.A. **It is students' responsibility to show to the T.A. the various timings, and cannot expect T.A.s to fiddle with scope settings.**

T.A. Signing Off	
Student's Name:	Partner's Name:
Code Uploaded on ICON?	<input type="checkbox"/> No <input type="checkbox"/> Yes
Pushbutton allows cycling through Modes?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Duty Cycle adjustable in all Modes?	<input type="checkbox"/> Yes <input type="checkbox"/> No
PWM frequency set to 40 kHz?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Duty Cycle (%)	Maximum _____ Minimum _____
Single Detent → Detent Resp. < 1% ?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Multiple Detent → Detent Response?	<input type="checkbox"/> Smooth <input type="checkbox"/> Jerky but Acceptable <input type="checkbox"/> Poor
CW – <i>DC</i> Increases, CCW – <i>DC</i> Decreases?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Hardware (wiring, neatness)?	<input type="checkbox"/> Adequate <input type="checkbox"/> Rat's Nest
LCD Displays static strings?	<input type="checkbox"/> Yes <input type="checkbox"/> No
LCD displays dynamic strings?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Display matches actual duty cycle?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Mode 0 Working? Mode 1 Working? Mode 3 Working? (bonus points)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
LCD Smooth?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Interrupts utilized?	<input type="checkbox"/> Yes <input type="checkbox"/> No # of ISRs: _____

Comments:

| Questions regarding your implementation: