

3 Micro Processors Building a Stopwatch

Submission form revision January 8, 2026

I am submitting my own work, and I accept penalties will be assessed against me if I submit work that isn't mine.

Point Scale
4: Exemplary
3: Complete
2: Incomplete
1: Minor effort
0: Not submitted

Print Name _____ Sign Name _____ Date _____ Asst. Signature _____

Requirements	Pts	x Wt =	Score
1. Display values on the Seven Segment display		x 3 =	
2. Create and test four-digital decimal counter		x 4 =	
3. Make a control flow for your stopwatch		x 3 =	
4. Use ZYNQ's Triple Timer Counter (TTC) module for the time base		x 4 =	
5. Homework problems		x 2 =	

Total Score (add all rows)

Leave blank for on-time submission, or:

Enter **+5** if one or more weeks early; Enter **-8** if one or two weeks late; Enter **X** if two or more weeks late

Requirements Possible Score	64	Add the two rows above for the Requirements Earned Score Enter 0 if more than two weeks late	
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Challenges	Pts	x Wt =	Score
1. Dynamically change the time base of the timer		x 3 =	
2. Create a 7-digit Counter		x 3 =	
3. Create a timer-based game		x 4 =	
4. Create a reaction timer		x 4 =	

Total Score (add all rows)

Leave blank for on-time submission, or:

Enter **+5** if one or more weeks early; Enter **-8** if one or two weeks late; Enter **X** if two or more weeks late

Challenges Possible Score	56	Add the two rows above for the Challenges Earned Score, or Leave blank if no challenges submitted, Enter 0 if more than two weeks late	
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