

MICROPROCESSOR SYSTEMS PROJECT SUBMISSION FORM



Revision: August 15, 2018

PROJECT 4: ZYNQ'S GENERIC INTERRUPT CONTROLLER

I am submitting my own work, and I accept that 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

#	Deliverable	Wt	Pts	Date	Asst. Signature
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Requirements

1: Use Pushbutton Interrupts to turn on LEDs

1	Program demo	2			
2	Verbal questions answered well	2			

2: Create a Decimal Timer Based on 1ms interrupts from the Global Timer Module

1	Program demo	2			
2	Verbal questions answered well	2			

3: Add start, stop, and clear functions to the timer

1	Program demo	2			
2	Verbal questions answered well	2			

Challenges

1: Create a Universal Configure GIC Function

1	Program demo	3			
2	Verbal questions answered well	3			

2: Measure the bounce time of a single button press

1	Program demo	2			
2	Verbal questions answered well	2			

Extensions

1: Describe

1	Program demo				
2	Verbal questions answered well				