PROJECT 2: CUSTOM IP BLOCK FOR ZYNQ

Digital Systems Project Submission Form

RealDigital

Revision: 9/20/24

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

_____   _____   _____

Print Name   Sign Name   Date

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

#	Deliverable	Wt	Pts	Date	Asst. Signature
	Requirements				
	1: Verify the Demo Project				
	Program demo	2			
	Verbal questions answered well	2			
	2: Make an 8-channel LED controller				
	Program demo	3			
	Verbal questions answered well	3			
	3: Add enable functionality to controller				
	Program demo	2			
	Verbal questions answered well	2			
	4: Write C functions				
	Program demo	3			
	Verbal questions answered well	3			
	5: Control the 7seg display				
	Program demo	3			
	Verbal questions answered well	3			
	6: Design a more complete 7seg controller				
	Program demo	3			
	Verbal questions answered well	3			
	7: Display numerical data on 7seg controller				
	Program demo	5			
	Verbal questions answered well	5			
	Challenges				
	1: Create a Memory Mapped 7seg controller				
	Program demo	2			
	Verbal questions answered well	2			
	2: Create a 7seg controller with Hex and Raw modes				
	Program demo	2			
	Verbal questions answered well	2			
	1: Create a 7seg BCD controller				
	Program demo	3			
	Verbal questions answered well	3			
	1: Connect the XADC to your design				
	Program demo	5			
	Verbal questions answered well	5			
	Extensions				
	Describe				
	Program demo				
	Verbal questions answered well				