You will need to obtain the signature of your TA on the following items in order to receive credit for your lab assignment. Print your name below, sign the honor code pledge, and then demonstrate your working hardware & firmware in order to obtain the necessary signatures.

Student Name: Anohya, u			2		
Honor Code Pledge: "On my honor, as a Unauthorized assistance on this work. I have	Iniversity of C	colorado stud owledged wo	ent, I have neith	er given nor rece	rived
	Student Signature:		100	Lemya.a	
Signoff Checklist			7.90		
Part 1 Elements					
Pins and signals labeled and decoupling capacitors present on board C code for EEPROM functional, contents present after power cycle I <sup>2</sup> C diagram/timing analysis			Table 1	aus MA (	1116/22)
Day 2 Fi			TAS	ignature and da	ite
Part 2 Elements  LCD functional, C code for basic LCI	Name and Party	Victoria			
LCD control signal timing meets spec	ifications (log	ic analyzer tr	ace/diagram, and	dysis)	
Elapsed time stop, restart, reset to "00 Good integration with previous code,	:00:0":		4	Manas MD	allana
Part 3 Required and Supplemental Elemental LCD Hex/DDRAM/CGRAM dumps, SPI interface, logic analyzer trace, co ARM code development, 2 new feature PCF8574 I <sup>2</sup> C I/O Expander, input, ou	mpare with PC res, ISR ( )		n logo	Maras	ve C11/19/2
FOR TA/INSTRUCTOR USE ONLY Part 1 Elements	Not Applicable	Poor/Not Complete	Meets Requirements	Exceeds Requirements	Outstanding
Schematics, SPLD code	B	B	B	F/	8
Hardware physical implementation Required Elements functionality	H	ğ	E/	2	ä
Sign-off done without excessive retries Student understanding and skills		H	ă ,	/ 0	
Overall Demo Quality (Part 1 elements)					
FOR TA/INSTRUCTOR USE ONLY Part 2 Elements	Not Applicable	Poor/Not Complete	Meets Requirements	Exceeds Requirements	Outstanding
Schematics, SPLD code	0			2	
Hardware physical implementation Required Elements functionality		H	8		8
Sign-off done without excessive retries Student understanding and skills	m	8	R	П /	10
Overall Demo Quality (Part 2 elements)	<u> </u>		Ö	- 5 V	- 6
FOR TA/INSTRUCTOR USE ONLY	Not	Below	Meets	Exceeds	
Part 3 Elements	Applicable	Expectation	Requirements	Requirements	Outstanding
Schematics, SPLD code Hardware physical implementation		8	R	8	
Required Elements functionality	F	A	A.	er Bru	100 E
Supplemental Elements functionality Sign-off done without excessive retries		Ħ		E (1944)	
Student understanding and skills Overall Demo Quality (Part 3 elements)	H	H	- 5	B	d

## leby Part Signoff (11/16/22)

- (+) Nest Schundic
- (4) 12C read, write veryfield
- (+) Herdung veryed.
- (+) Reset Saymon Very-d
- (1) Power you of EEPROM values are retained.
- (+) Thing analysis presented.

## laby Part 2 Signay (1/19/22)

- (+) Neat Schmitt a
- (+) LCD putstring, go to address, go to my working
- (4) All dock junities working the.
- (4) No skew observed. Very good clock influentation
- (H) Croad UI.
- (-) UART musting character due to grapust times. Aungs
- (1) Timing analysis presented.

## Caby Part 3 Signey (11/4/22)

- (4) LCD some dump presented. LCD logs, austons character
- SPI DAL function of but only on logic makey.
  SPI output not seen on Oscillasuppe.
- (4) STM 32 Jeastines - NOT Carper not working > RTC