Alarik Damrow

Dr. Rezaei

CECS 301 Tues/Thurs 2:00PM – 4:30PM

30 September 2021

Lab #2 Report

I certify that this submission is my original work X ~~Alarik Damrow~~

       Overall the lab was pretty straight forward I just had a few issues that occurred due to me not knowing how to run the program at times. The first issue that I had was trying to run the board in which I forgot to power on my board in which caused my computer to crash the first time I tried to run it. The second issue I ran into was trying to create the bitstream because I did not know how to do this properly and I had a few issues due to my lack of knowledge of the program. At the end the lab was done and I did learn a lot about running the board and how to program the board to do things.

JXADC

PROG

DIGILENT®

CPU RESET

(C12)

DONE
LD21

PROG

BTNU (M18)

BTNC (N17)

BTNL
(P17)

BTNR
(M17)

BTND (P18)

C160 C132 C161 C175

R(N15) G(M16) B(R12)

R(N16) G(R11) B(G14)

LD16

LD17

C201 C72 C195 C199

C156
C150 C153 C151 C152
C128
C166
C131
C157

C60 C61 C62 C63

X-7
OT
324

326
664DC K090
V1 CHN
6

JB IC14

TEMP
SENSOR

J10

3V3

GND

TCK

TDO

TDI

TMS

DISPI

D(H17)
(J15)

1(K15)
(L16)

2(J13)
(M13)

3(N14)
(R15)

(N18)
(R17)

(I18)

(U17)
(U18)

(U16)
(R13)

JA

GND
3V3

1

GND
3V3