\*\*\* Running vivado

with args -log Lab09\_Traffic\_Light.vds -m64 -product Vivado -mode batch -messageDb vivado.pb -notrace -source Lab09\_Traffic\_Light.tcl

\*\*\*\*\*\* Vivado v2018.3 (64-bit)

\*\*\*\* SW Build 2405991 on Thu Dec 6 23:36:41 MST 2018

\*\*\*\* IP Build 2404404 on Fri Dec 7 01:43:56 MST 2018

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CRITICAL WARNING: [Common 17-741] No write access right to the local Tcl store at '/home/jinson/.Xilinx/Vivado/2018.3/XilinxTclStore'. XilinxTclStore is reverted to the installation area. If you want to use local Tcl Store, please change the access right and relaunch Vivado.

source Lab09\_Traffic\_Light.tcl -notrace

Command: synth\_design -top Lab09\_Traffic\_Light -part xc7a100tcsg324-1

Starting synth\_design

Attempting to get a license for feature 'Synthesis' and/or device 'xc7a100t'

INFO: [Common 17-349] Got license for feature 'Synthesis' and/or device 'xc7a100t'

INFO: Launching helper process for spawning children vivado processes

INFO: Helper process launched with PID 4658

---------------------------------------------------------------------------------

Starting RTL Elaboration : Time (s): cpu = 00:00:02 ; elapsed = 00:00:02 . Memory (MB): peak = 1380.355 ; gain = 0.000 ; free physical = 549 ; free virtual = 2856

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INFO: [Synth 8-6157] synthesizing module 'Lab09\_Traffic\_Light' [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/sources\_1/new/Lab09\_Traffic\_Light.sv:23]

INFO: [Synth 8-6155] done synthesizing module 'Lab09\_Traffic\_Light' (1#1) [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/sources\_1/new/Lab09\_Traffic\_Light.sv:23]

---------------------------------------------------------------------------------

Finished RTL Elaboration : Time (s): cpu = 00:00:02 ; elapsed = 00:00:03 . Memory (MB): peak = 1387.281 ; gain = 6.926 ; free physical = 559 ; free virtual = 2869

---------------------------------------------------------------------------------

Report Check Netlist:

+------+------------------+-------+---------+-------+------------------+

| |Item |Errors |Warnings |Status |Description |

+------+------------------+-------+---------+-------+------------------+

|1 |multi\_driven\_nets | 0| 0|Passed |Multi driven nets |

+------+------------------+-------+---------+-------+------------------+

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Start Handling Custom Attributes

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Finished Handling Custom Attributes : Time (s): cpu = 00:00:02 ; elapsed = 00:00:03 . Memory (MB): peak = 1387.281 ; gain = 6.926 ; free physical = 559 ; free virtual = 2869

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Finished RTL Optimization Phase 1 : Time (s): cpu = 00:00:02 ; elapsed = 00:00:03 . Memory (MB): peak = 1387.281 ; gain = 6.926 ; free physical = 559 ; free virtual = 2869

---------------------------------------------------------------------------------

INFO: [Device 21-403] Loading part xc7a100tcsg324-1

INFO: [Project 1-570] Preparing netlist for logic optimization

Processing XDC Constraints

Initializing timing engine

Parsing XDC File [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc]

WARNING: [Vivado 12-584] No ports matched 'display\_1[6]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:9]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:9]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[5]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:10]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:10]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[4]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:11]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:11]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[3]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:12]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:12]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[2]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:13]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:13]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[1]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:14]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:14]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[0]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:15]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:15]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[6]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:16]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:16]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[5]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:17]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:17]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[4]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:18]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:18]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[3]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:19]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:19]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[2]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:20]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:20]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[1]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:21]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:21]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[0]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:22]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:22]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[6]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:35]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:35]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[5]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:36]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:36]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[4]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:37]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:37]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[3]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:38]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:38]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[2]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:39]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:39]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[1]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:40]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:40]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[0]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:41]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:41]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[6]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:42]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:42]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[5]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:43]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:43]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[4]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:44]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:44]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[3]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:45]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:45]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[2]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:46]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:46]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[1]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:47]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:47]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[0]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:48]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:48]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[6]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:59]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:59]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[5]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:60]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:60]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[4]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:61]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:61]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[3]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:62]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:62]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[2]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:63]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:63]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[1]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:64]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:64]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_1[0]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:65]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:65]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[6]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:66]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:66]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[5]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:67]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:67]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[4]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:68]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:68]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[3]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:69]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:69]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[2]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:70]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:70]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[1]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:71]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:71]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

WARNING: [Vivado 12-584] No ports matched 'display\_2[0]'. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:72]

CRITICAL WARNING: [Common 17-55] 'set\_property' expects at least one object. [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc:72]

Resolution: If [get\_<value>] was used to populate the object, check to make sure this command returns at least one valid object.

Finished Parsing XDC File [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc]

INFO: [Project 1-236] Implementation specific constraints were found while reading constraint file [/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.srcs/constrs\_1/new/Lab09\_Traffic\_Light.xdc]. These constraints will be ignored for synthesis but will be used in implementation. Impacted constraints are listed in the file [.Xil/Lab09\_Traffic\_Light\_propImpl.xdc].

Resolution: To avoid this warning, move constraints listed in [.Xil/Lab09\_Traffic\_Light\_propImpl.xdc] to another XDC file and exclude this new file from synthesis with the used\_in\_synthesis property (File Properties dialog in GUI) and re-run elaboration/synthesis.

Netlist sorting complete. Time (s): cpu = 00:00:00 ; elapsed = 00:00:00 . Memory (MB): peak = 1706.156 ; gain = 0.000 ; free physical = 267 ; free virtual = 2613

Completed Processing XDC Constraints

Netlist sorting complete. Time (s): cpu = 00:00:00 ; elapsed = 00:00:00 . Memory (MB): peak = 1706.156 ; gain = 0.000 ; free physical = 268 ; free virtual = 2613

INFO: [Project 1-111] Unisim Transformation Summary:

No Unisim elements were transformed.

Netlist sorting complete. Time (s): cpu = 00:00:00 ; elapsed = 00:00:00 . Memory (MB): peak = 1706.156 ; gain = 0.000 ; free physical = 268 ; free virtual = 2613

Constraint Validation Runtime : Time (s): cpu = 00:00:00 ; elapsed = 00:00:00 . Memory (MB): peak = 1706.156 ; gain = 0.000 ; free physical = 268 ; free virtual = 2613

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Finished Constraint Validation : Time (s): cpu = 00:00:07 ; elapsed = 00:00:09 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 336 ; free virtual = 2682

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Start Loading Part and Timing Information

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Loading part: xc7a100tcsg324-1

---------------------------------------------------------------------------------

Finished Loading Part and Timing Information : Time (s): cpu = 00:00:07 ; elapsed = 00:00:09 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 336 ; free virtual = 2682

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Start Applying 'set\_property' XDC Constraints

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Finished applying 'set\_property' XDC Constraints : Time (s): cpu = 00:00:07 ; elapsed = 00:00:09 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 337 ; free virtual = 2683

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Finished RTL Optimization Phase 2 : Time (s): cpu = 00:00:08 ; elapsed = 00:00:10 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 328 ; free virtual = 2675

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Report RTL Partitions:

+-+--------------+------------+----------+

| |RTL Partition |Replication |Instances |

+-+--------------+------------+----------+

+-+--------------+------------+----------+

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Start RTL Component Statistics

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Detailed RTL Component Info :

+---Adders :

2 Input 11 Bit Adders := 1

2 Input 5 Bit Adders := 1

2 Input 1 Bit Adders := 1

+---Registers :

11 Bit Registers := 1

5 Bit Registers := 1

1 Bit Registers := 3

+---Muxes :

2 Input 8 Bit Muxes := 1

27 Input 7 Bit Muxes := 1

2 Input 5 Bit Muxes := 1

---------------------------------------------------------------------------------

Finished RTL Component Statistics

---------------------------------------------------------------------------------

---------------------------------------------------------------------------------

Start RTL Hierarchical Component Statistics

---------------------------------------------------------------------------------

Hierarchical RTL Component report

Module Lab09\_Traffic\_Light

Detailed RTL Component Info :

+---Adders :

2 Input 11 Bit Adders := 1

2 Input 5 Bit Adders := 1

2 Input 1 Bit Adders := 1

+---Registers :

11 Bit Registers := 1

5 Bit Registers := 1

1 Bit Registers := 3

+---Muxes :

2 Input 8 Bit Muxes := 1

27 Input 7 Bit Muxes := 1

2 Input 5 Bit Muxes := 1

---------------------------------------------------------------------------------

Finished RTL Hierarchical Component Statistics

---------------------------------------------------------------------------------

---------------------------------------------------------------------------------

Start Part Resource Summary

---------------------------------------------------------------------------------

Part Resources:

DSPs: 240 (col length:80)

BRAMs: 270 (col length: RAMB18 80 RAMB36 40)

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Finished Part Resource Summary

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---------------------------------------------------------------------------------

Start Cross Boundary and Area Optimization

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Warning: Parallel synthesis criteria is not met

WARNING: [Synth 8-3917] design Lab09\_Traffic\_Light has port an[7] driven by constant 1

WARNING: [Synth 8-3917] design Lab09\_Traffic\_Light has port an[6] driven by constant 1

WARNING: [Synth 8-3917] design Lab09\_Traffic\_Light has port an[5] driven by constant 1

WARNING: [Synth 8-3917] design Lab09\_Traffic\_Light has port an[4] driven by constant 1

WARNING: [Synth 8-3917] design Lab09\_Traffic\_Light has port an[3] driven by constant 1

WARNING: [Synth 8-3917] design Lab09\_Traffic\_Light has port an[2] driven by constant 1

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Finished Cross Boundary and Area Optimization : Time (s): cpu = 00:00:08 ; elapsed = 00:00:10 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 314 ; free virtual = 2664

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Start ROM, RAM, DSP and Shift Register Reporting

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ROM:

+--------------------+------------+---------------+----------------+

|Module Name | RTL Object | Depth x Width | Implemented As |

+--------------------+------------+---------------+----------------+

|Lab09\_Traffic\_Light | display | 32x7 | LUT |

|Lab09\_Traffic\_Light | display | 32x7 | LUT |

+--------------------+------------+---------------+----------------+

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Finished ROM, RAM, DSP and Shift Register Reporting

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Report RTL Partitions:

+-+--------------+------------+----------+

| |RTL Partition |Replication |Instances |

+-+--------------+------------+----------+

+-+--------------+------------+----------+

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Start Applying XDC Timing Constraints

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Finished Applying XDC Timing Constraints : Time (s): cpu = 00:00:13 ; elapsed = 00:00:15 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 185 ; free virtual = 2542

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Start Timing Optimization

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Finished Timing Optimization : Time (s): cpu = 00:00:13 ; elapsed = 00:00:15 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 185 ; free virtual = 2542

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Report RTL Partitions:

+-+--------------+------------+----------+

| |RTL Partition |Replication |Instances |

+-+--------------+------------+----------+

+-+--------------+------------+----------+

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Start Technology Mapping

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Finished Technology Mapping : Time (s): cpu = 00:00:13 ; elapsed = 00:00:15 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 184 ; free virtual = 2541

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Report RTL Partitions:

+-+--------------+------------+----------+

| |RTL Partition |Replication |Instances |

+-+--------------+------------+----------+

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Start IO Insertion

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Start Flattening Before IO Insertion

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---------------------------------------------------------------------------------

Finished Flattening Before IO Insertion

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---------------------------------------------------------------------------------

Start Final Netlist Cleanup

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Finished Final Netlist Cleanup

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Finished IO Insertion : Time (s): cpu = 00:00:13 ; elapsed = 00:00:16 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 184 ; free virtual = 2541

---------------------------------------------------------------------------------

Report Check Netlist:

+------+------------------+-------+---------+-------+------------------+

| |Item |Errors |Warnings |Status |Description |

+------+------------------+-------+---------+-------+------------------+

|1 |multi\_driven\_nets | 0| 0|Passed |Multi driven nets |

+------+------------------+-------+---------+-------+------------------+

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Start Renaming Generated Instances

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Finished Renaming Generated Instances : Time (s): cpu = 00:00:13 ; elapsed = 00:00:16 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 184 ; free virtual = 2541

---------------------------------------------------------------------------------

Report RTL Partitions:

+-+--------------+------------+----------+

| |RTL Partition |Replication |Instances |

+-+--------------+------------+----------+

+-+--------------+------------+----------+

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Start Rebuilding User Hierarchy

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Finished Rebuilding User Hierarchy : Time (s): cpu = 00:00:13 ; elapsed = 00:00:16 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 184 ; free virtual = 2541

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Start Renaming Generated Ports

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Finished Renaming Generated Ports : Time (s): cpu = 00:00:13 ; elapsed = 00:00:16 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 184 ; free virtual = 2541

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Start Handling Custom Attributes

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Finished Handling Custom Attributes : Time (s): cpu = 00:00:13 ; elapsed = 00:00:16 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 184 ; free virtual = 2541

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Start Renaming Generated Nets

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Finished Renaming Generated Nets : Time (s): cpu = 00:00:13 ; elapsed = 00:00:16 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 184 ; free virtual = 2541

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Start Writing Synthesis Report

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Report BlackBoxes:

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| |BlackBox name |Instances |

+-+--------------+----------+

+-+--------------+----------+

Report Cell Usage:

+------+-------+------+

| |Cell |Count |

+------+-------+------+

|1 |BUFG | 1|

|2 |CARRY4 | 7|

|3 |LUT1 | 3|

|4 |LUT2 | 4|

|5 |LUT3 | 7|

|6 |LUT4 | 4|

|7 |LUT5 | 14|

|8 |LUT6 | 7|

|9 |MUXF7 | 1|

|10 |FDCE | 45|

|11 |IBUF | 2|

|12 |OBUF | 17|

+------+-------+------+

Report Instance Areas:

+------+---------+-------+------+

| |Instance |Module |Cells |

+------+---------+-------+------+

|1 |top | | 112|

+------+---------+-------+------+

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Finished Writing Synthesis Report : Time (s): cpu = 00:00:13 ; elapsed = 00:00:16 . Memory (MB): peak = 1706.156 ; gain = 325.801 ; free physical = 184 ; free virtual = 2541

---------------------------------------------------------------------------------

Synthesis finished with 0 errors, 0 critical warnings and 6 warnings.

Synthesis Optimization Runtime : Time (s): cpu = 00:00:10 ; elapsed = 00:00:12 . Memory (MB): peak = 1706.156 ; gain = 6.926 ; free physical = 238 ; free virtual = 2595

Synthesis Optimization Complete : Time (s): cpu = 00:00:14 ; elapsed = 00:00:16 . Memory (MB): peak = 1706.164 ; gain = 325.801 ; free physical = 241 ; free virtual = 2598

INFO: [Project 1-571] Translating synthesized netlist

INFO: [Netlist 29-17] Analyzing 8 Unisim elements for replacement

INFO: [Netlist 29-28] Unisim Transformation completed in 0 CPU seconds

INFO: [Project 1-570] Preparing netlist for logic optimization

INFO: [Opt 31-138] Pushed 0 inverter(s) to 0 load pin(s).

Netlist sorting complete. Time (s): cpu = 00:00:00 ; elapsed = 00:00:00 . Memory (MB): peak = 1709.156 ; gain = 0.000 ; free physical = 180 ; free virtual = 2537

INFO: [Project 1-111] Unisim Transformation Summary:

No Unisim elements were transformed.

INFO: [Common 17-83] Releasing license: Synthesis

14 Infos, 48 Warnings, 42 Critical Warnings and 0 Errors encountered.

synth\_design completed successfully

synth\_design: Time (s): cpu = 00:00:15 ; elapsed = 00:00:17 . Memory (MB): peak = 1709.156 ; gain = 328.875 ; free physical = 237 ; free virtual = 2594

Netlist sorting complete. Time (s): cpu = 00:00:00 ; elapsed = 00:00:00 . Memory (MB): peak = 1709.156 ; gain = 0.000 ; free physical = 237 ; free virtual = 2594

WARNING: [Constraints 18-5210] No constraints selected for write.

Resolution: This message can indicate that there are no constraints for the design, or it can indicate that the used\_in flags are set such that the constraints are ignored. This later case is used when running synth\_design to not write synthesis constraints to the resulting checkpoint. Instead, project constraints are read when the synthesized design is opened.

INFO: [Common 17-1381] The checkpoint '/home/jinson/vivado/Lab09\_Traffic\_Light/Lab09\_Traffic\_Light.runs/synth\_1/Lab09\_Traffic\_Light.dcp' has been generated.

INFO: [runtcl-4] Executing : report\_utilization -file Lab09\_Traffic\_Light\_utilization\_synth.rpt -pb Lab09\_Traffic\_Light\_utilization\_synth.pb

INFO: [Common 17-206] Exiting Vivado at Tue May 14 01:33:56 2019...