

Lab3

Due Oct 15 by 11:59pm

Points 100

Submitting a file upload

File Types png, jpg, jpeg, and zip

Available Sep 30 at 12am - Oct 15 at 11:59pm

This assignment was locked Oct 15 at 11:59pm.

Link  [_ \(https://docs.google.com/document/d/1ISRI4iWneX9p4tLqn-GVA2ID-vETNmBskya3lsR9fn0/edit?usp=sharing\)](https://docs.google.com/document/d/1ISRI4iWneX9p4tLqn-GVA2ID-vETNmBskya3lsR9fn0/edit?usp=sharing) to Lab 3 Manual.

ECE315.OutJob (<https://canvas.wisc.edu/courses/361753/files/34630756?wrap=1>) 
 (https://canvas.wisc.edu/courses/361753/files/34630756/download?download_frd=1)

Files to Turn In

File Name	Description
DesignRuleCheck.png	A screen capture of your Design Rule Check.
Routing.png	A screen capture of your Top Layer of the PCB.
Lab3.zip	A zip file containing all of your Altium files.

Lab 3 Rubric

Criteria	Ratings	Pts
Bypass Capacitors Close To Power Pins - Caps within 6mm of associated power pin		10 pts
Components Placed on 50mil Grid - not on 1mm grid		10 pts
Parts are Rotated to Reduce Rat's Nest Related parts should be located near one another and rotated to help simplify routing.		15 pts
Reset Button, User Button, and Buzzer placed on the bottom side of the board		10 pts
Reference Designators - ref designators DO NOT overlap other parts or designators.		10 pts
Power Polygons are Present		10 pts
Name Found on PCB		10 pts
All Nets Are Routed		5 pts
Design Rule Check Has No Errors		10 pts
Orthogonal Routing of Tracks		5 pts
Quality and Effort Subjective evaluation of the layout/routing		5 pts
Total Points: 100		