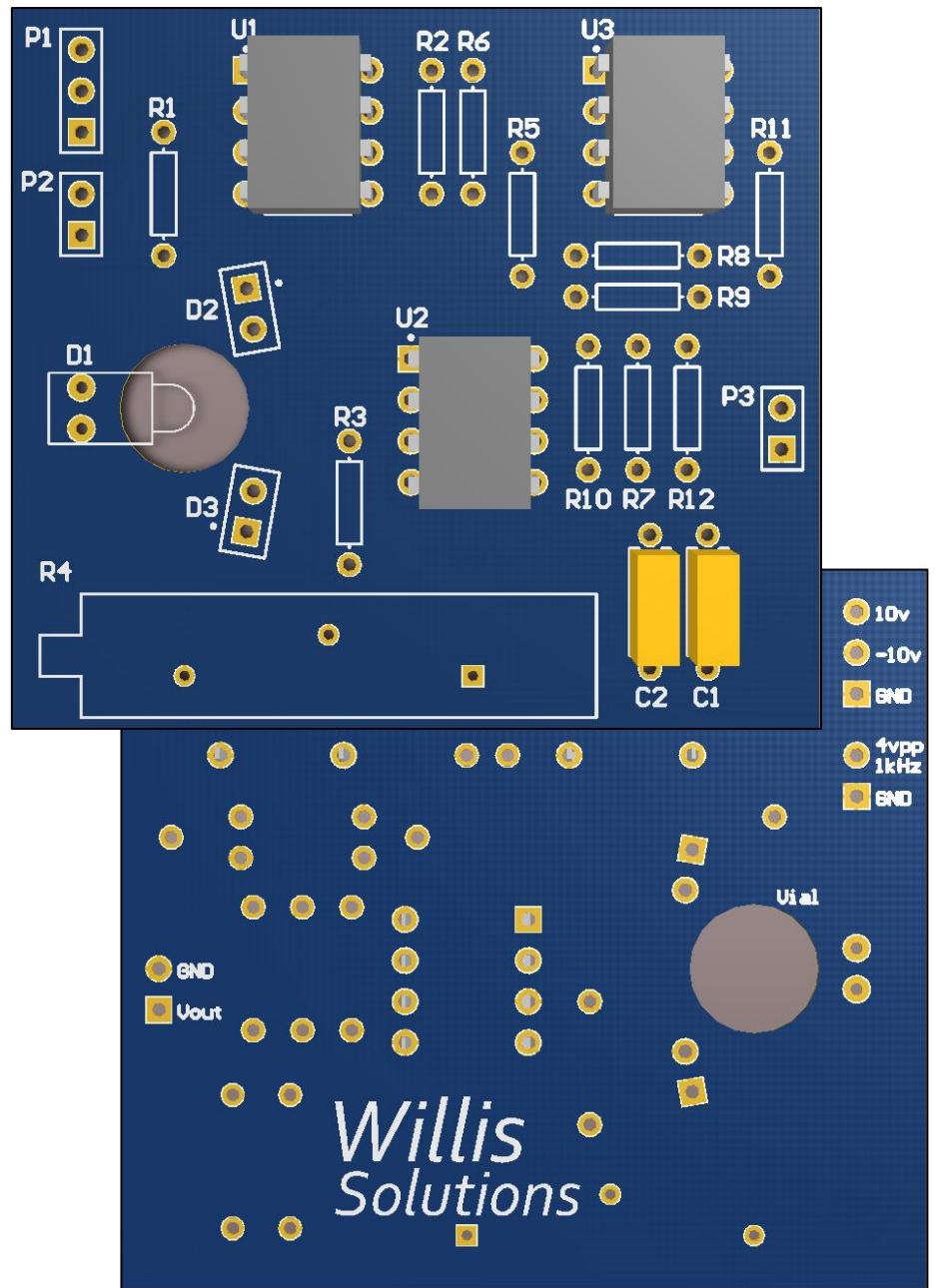
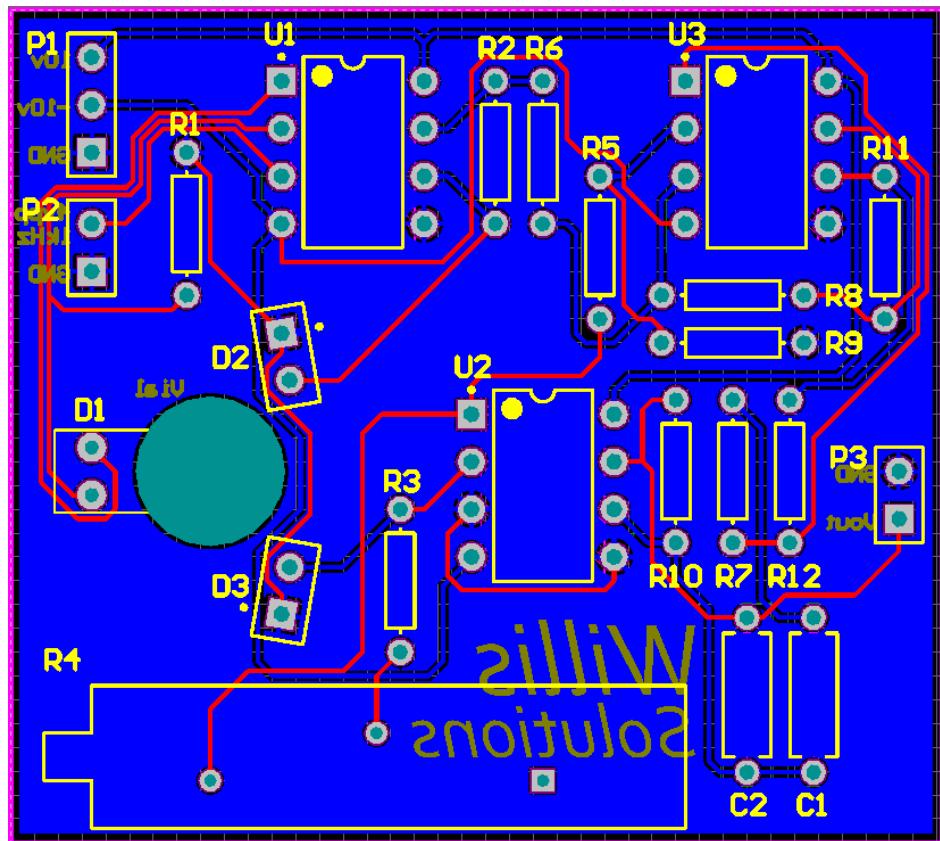


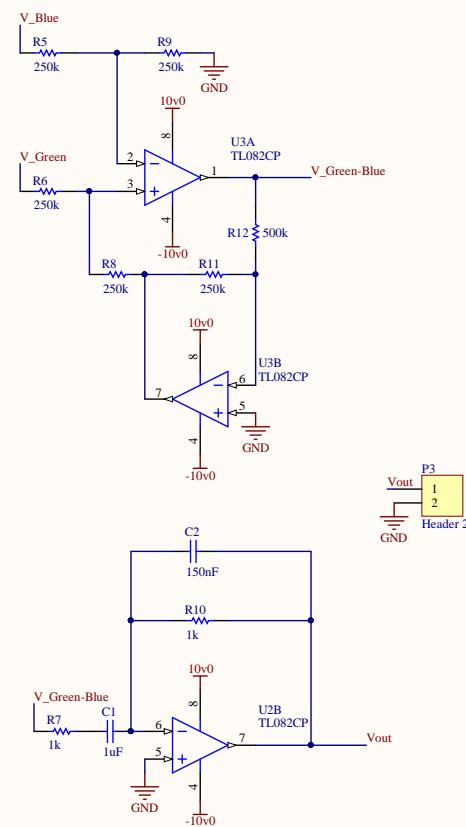
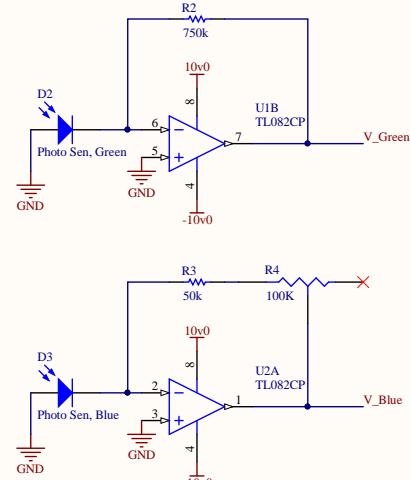
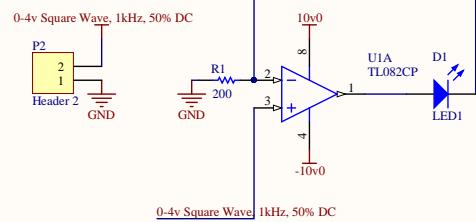
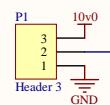
# Bioluminescent Dye Detector PCB

- Bioluminescence detector that measures concentration of SYBR Green I in a test tube
- Blue LED excites solution, blue and green photodetectors detect bioluminescence
- Filters out ambient light
- Designed active and passive filters
- PCB and schematic designed in Altium
- Recorded all procedures in lab notebook



1 2 3 4 5 6

A



Project Title: BioMarker Project	WESTERN WASHINGTON UNIVERSITY	
Sheet Title: Unified Design		
Engineer: Brian Willis		
Draftsman: Brian Willis		
Date: 12/15/2017	Size: B	Revision: 0.0.1
Sheet: 1 of 1		

1 2 3 4 5 6