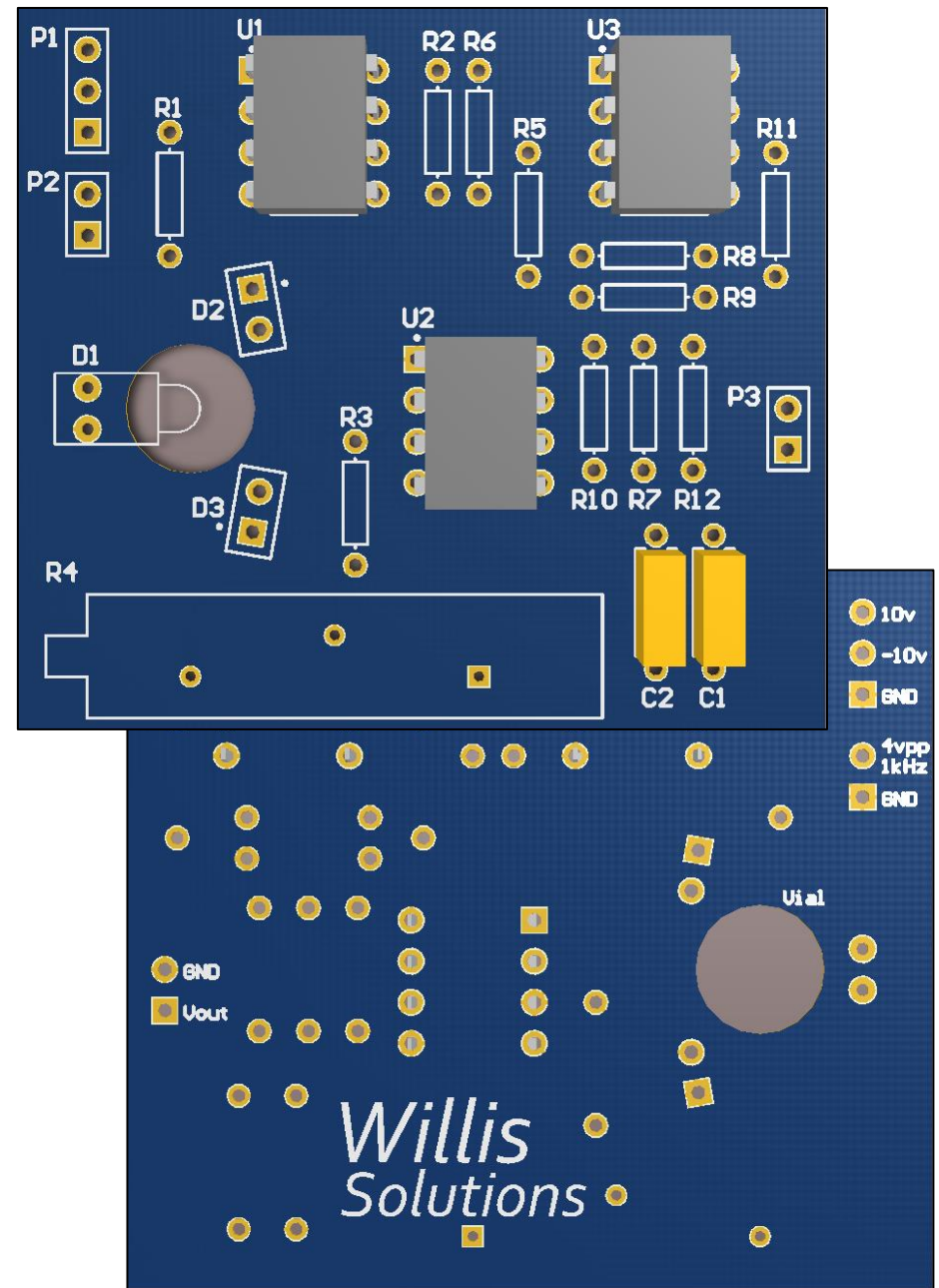
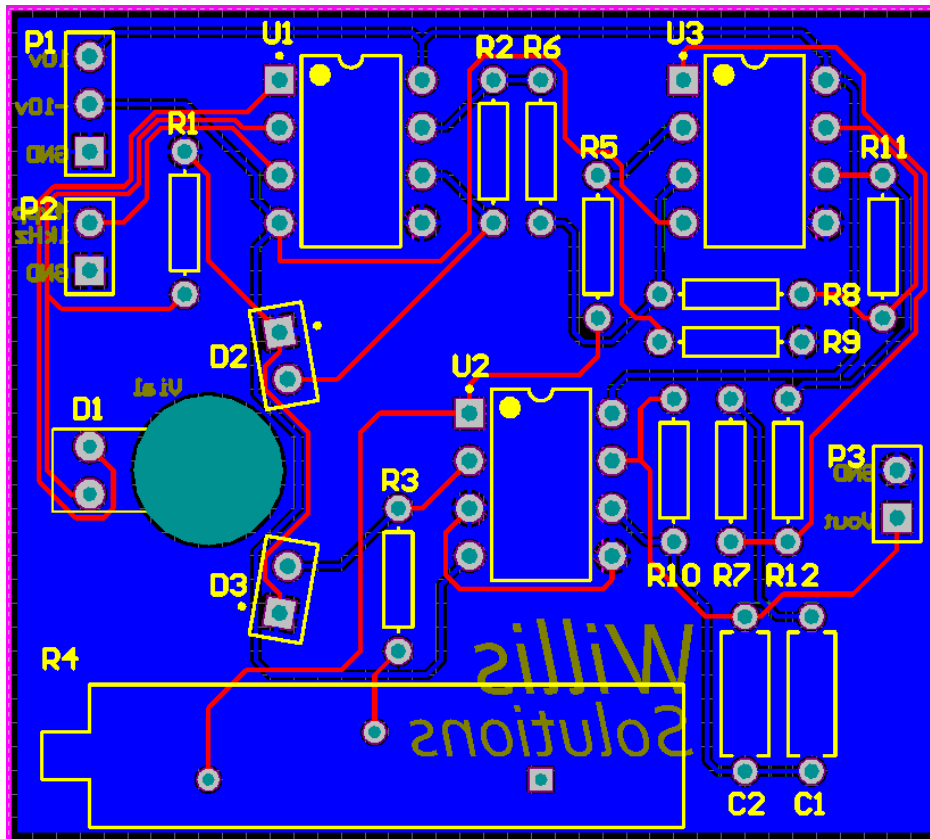
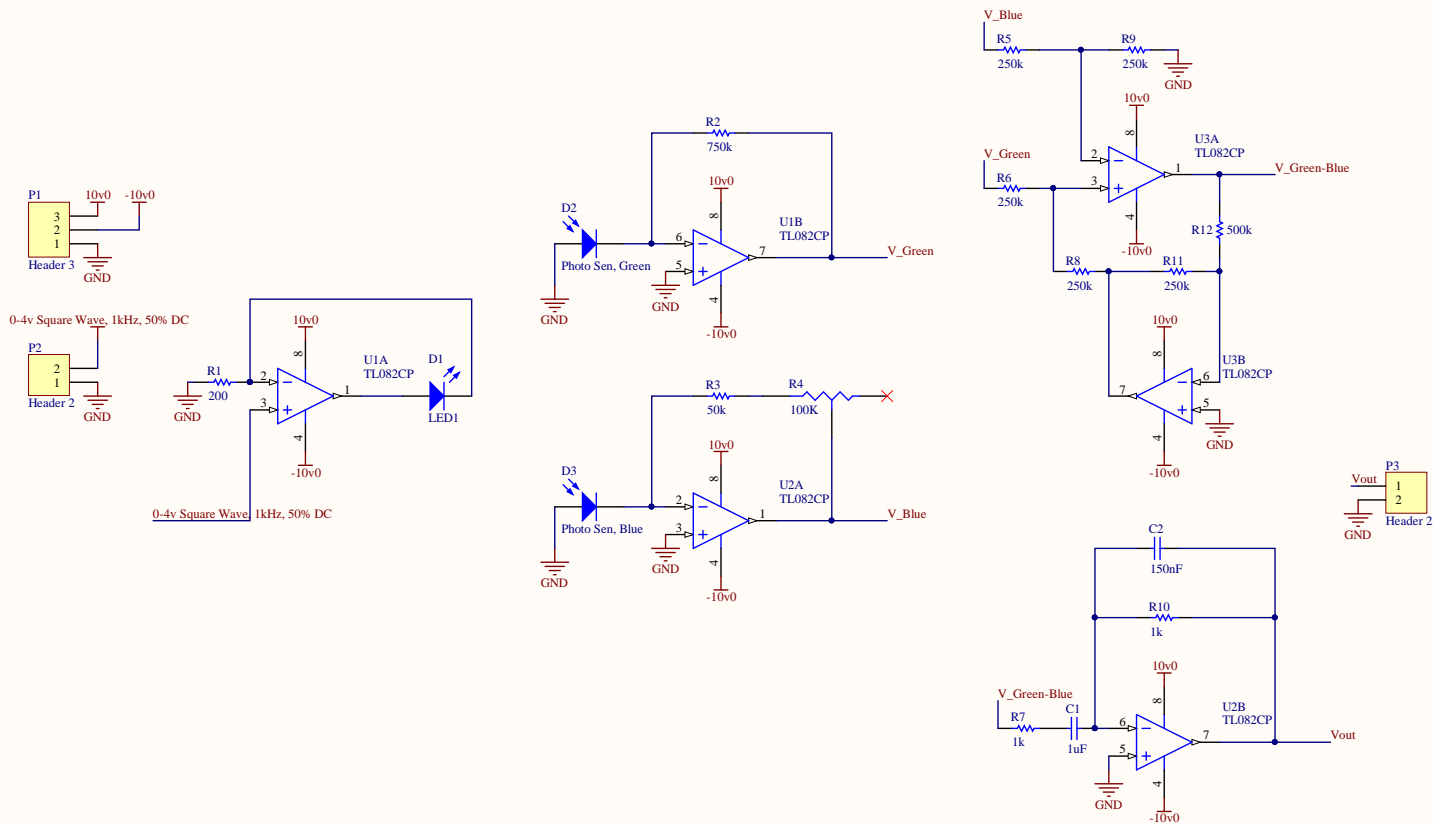



# Bioluminescent Dye Detector PCB

- 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





Project Title: <b>BioMarker Project</b>			
Sheet Title: <b>Unified Design</b>			
Engineer: <b>Brian Willis</b>			
Draftsman: <b>Brian Willis</b>			
Date: <b>12/15/2017</b>	Size: <b>B</b>	Revision: <b>0.0.1</b>	Sheet: <b>1</b> of <b>1</b>