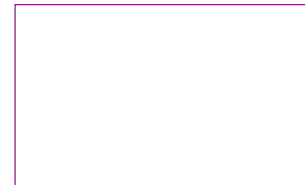
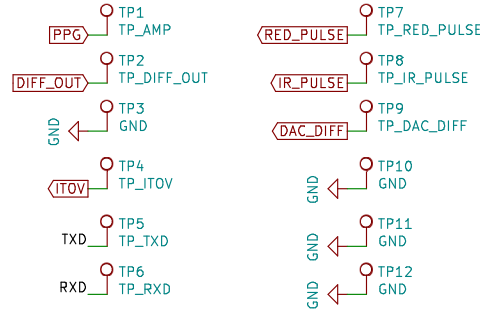


ATmega4808 Connections

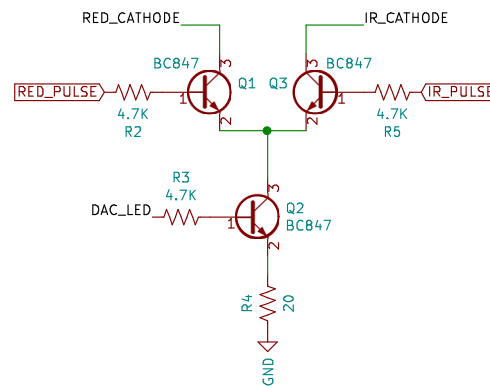
Sheet: Front End



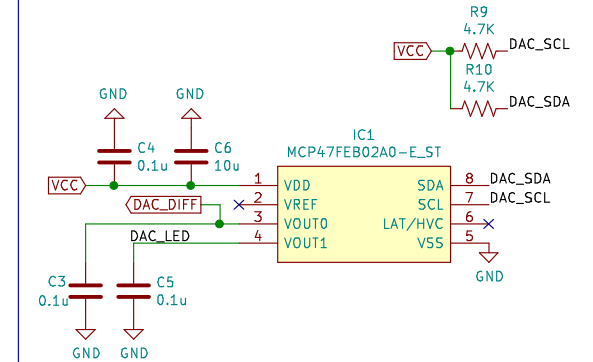
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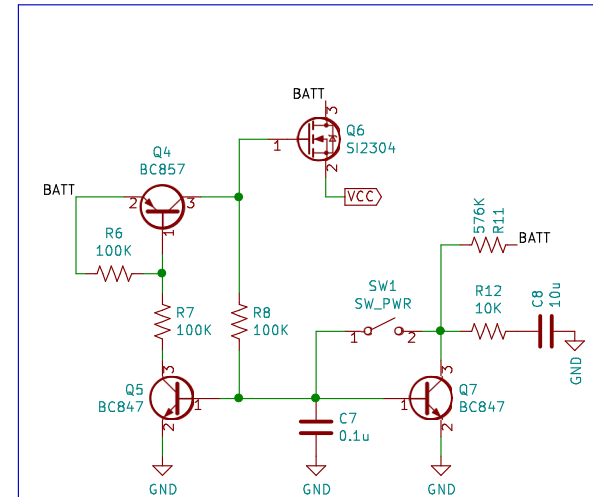
Test Points



Voltage Controlled LED Driver  
LED Anodes are connected to VCC



Dual 8 bit DAC



Soft Latch Power On-Off

<https://github.com/yskab/dhadak>  
Made by: Y S K Abhijeet

Sheet: /

File: dhadak\_v2.sch

**Title: Dhadak Oximeter**

Size: A4

Date: 2021-10-09

KiCad E.D.A. kicad 5.1.10-88a1d61d5888ubuntu18.04.1

Rev: 2

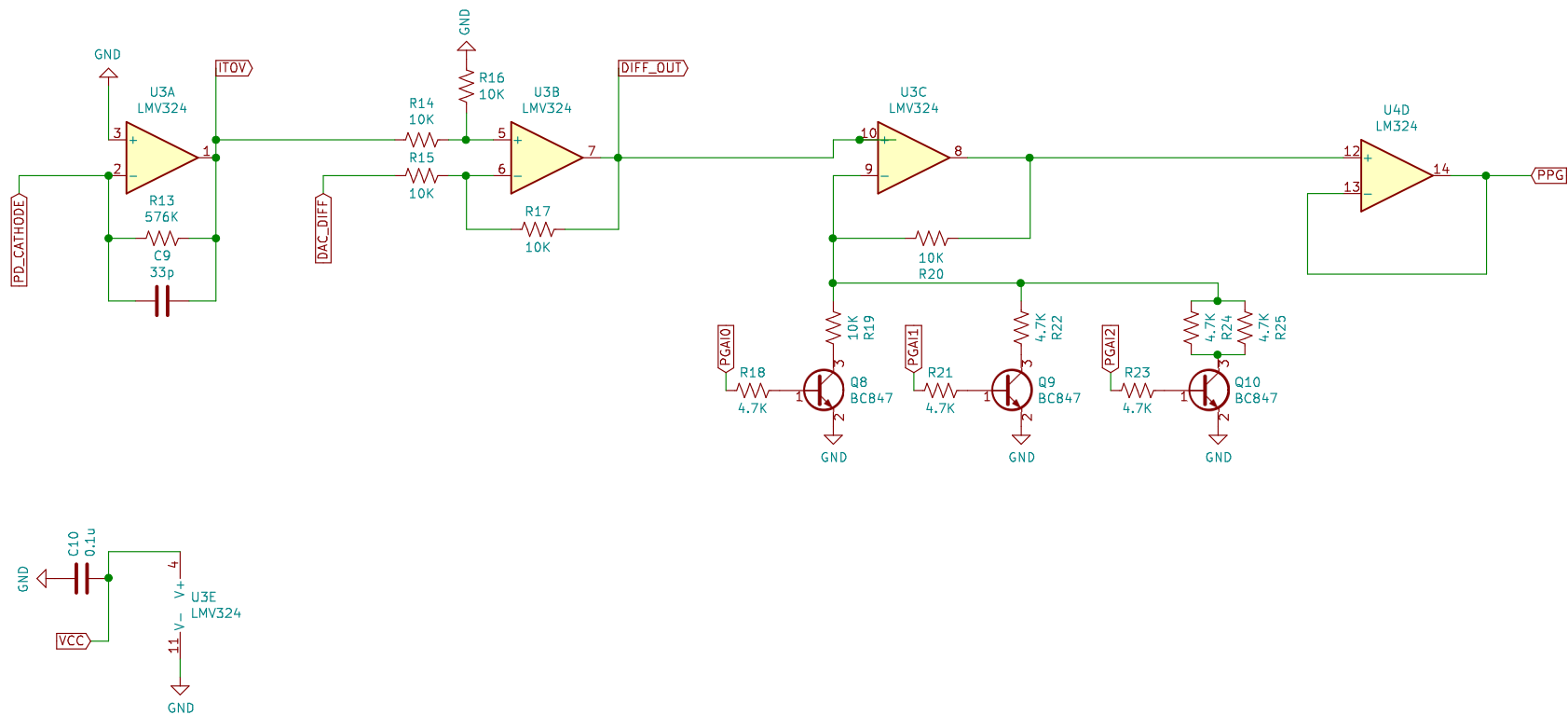
Id: 1/2

I to V Stage

Unity Gain Difference Amplifier

Programmable Gain Amplifier

Output Buffer



<https://github.com/yskab/dhadak>  
Made by: Y S K Abhijeet

Sheet: /Front End/  
File: AFE.sch

**Title: Analog Front End**

Size: A4 Date: 2021-10-09  
KiCad E.D.A. kicad 5.1.10-88a1d61d5888ubuntu18.04.1

**Rev: 2**  
Id: 2/2