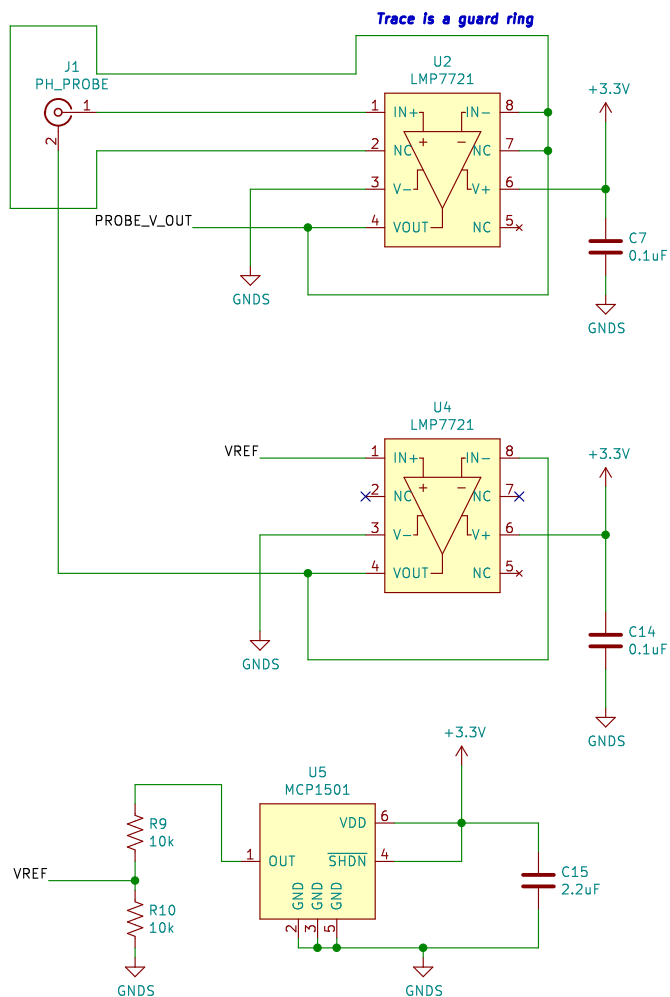


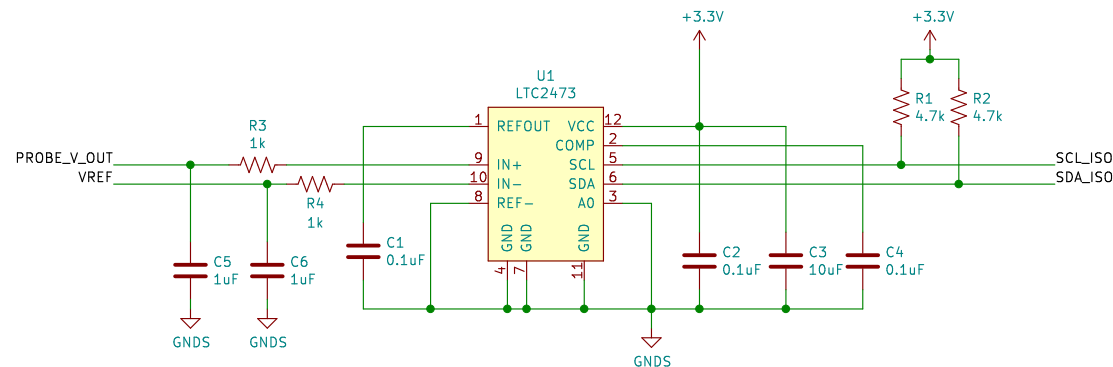
Notes

- 1 - C7, C14 are low leakage tantalums, all others standard 0603 MLCC
- 2 - R9, R10 are metal film 1% or better, R7, R8 are 1% or better, all others standard 0603
- 3 - Guard ring trace should encircle high impedance trace on top side and have a copper fill on bot side under high impedance trace
- 4 - J1 is a BNC type connector, impedance not specified

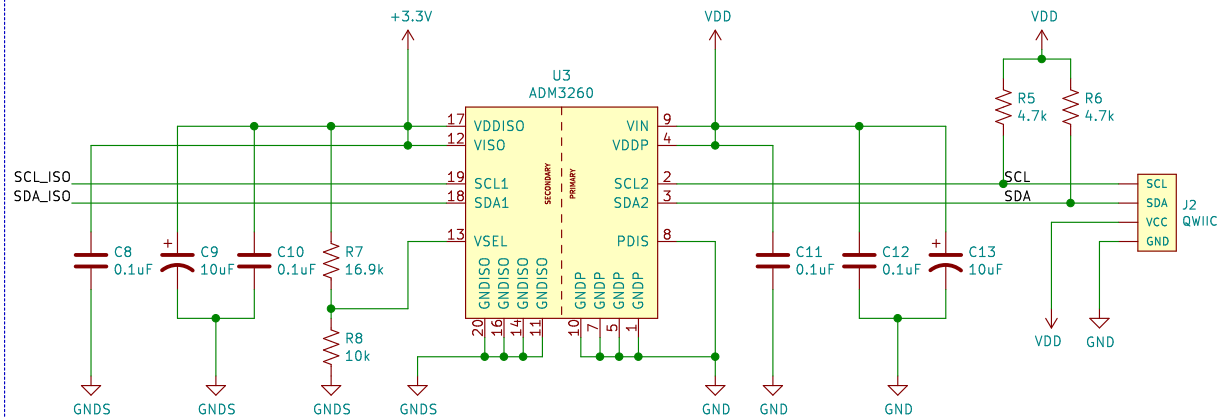
Analog Front End



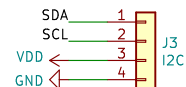
ADC



Isolation



$$\text{VISO} = 1.23\text{V} * ((16.9\text{k} + 10\text{k}) / 10\text{k})$$
$$\text{VISO} = 3.3087\text{V}$$



svcguy

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Title: pHMeter

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