Pulse Oximetry

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Functional Block Diagram - Hardware
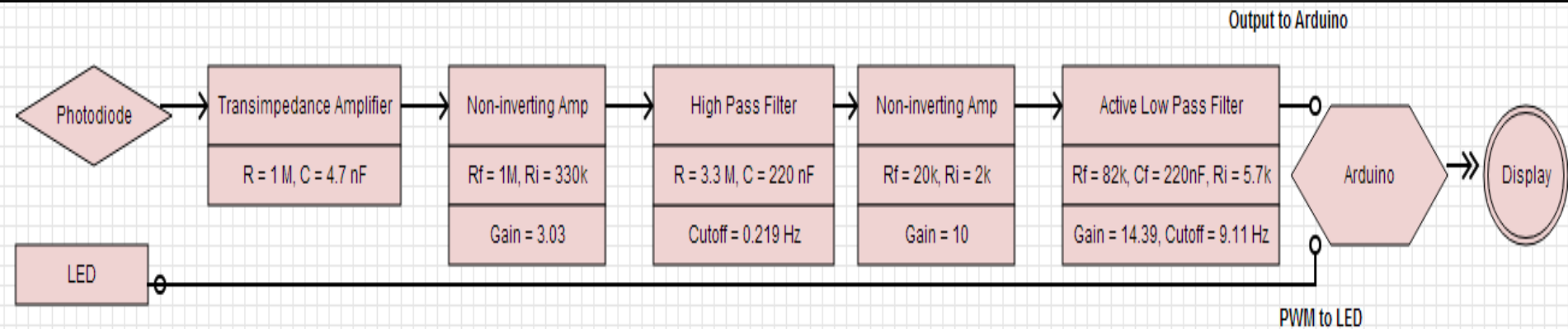

Diagram created via the schemeit application on digikey.com

Passband = 0.219 - 9.11 Hz

Overall Gain = Vout/Vin = 436 = 52 dB

Circuit Diagram

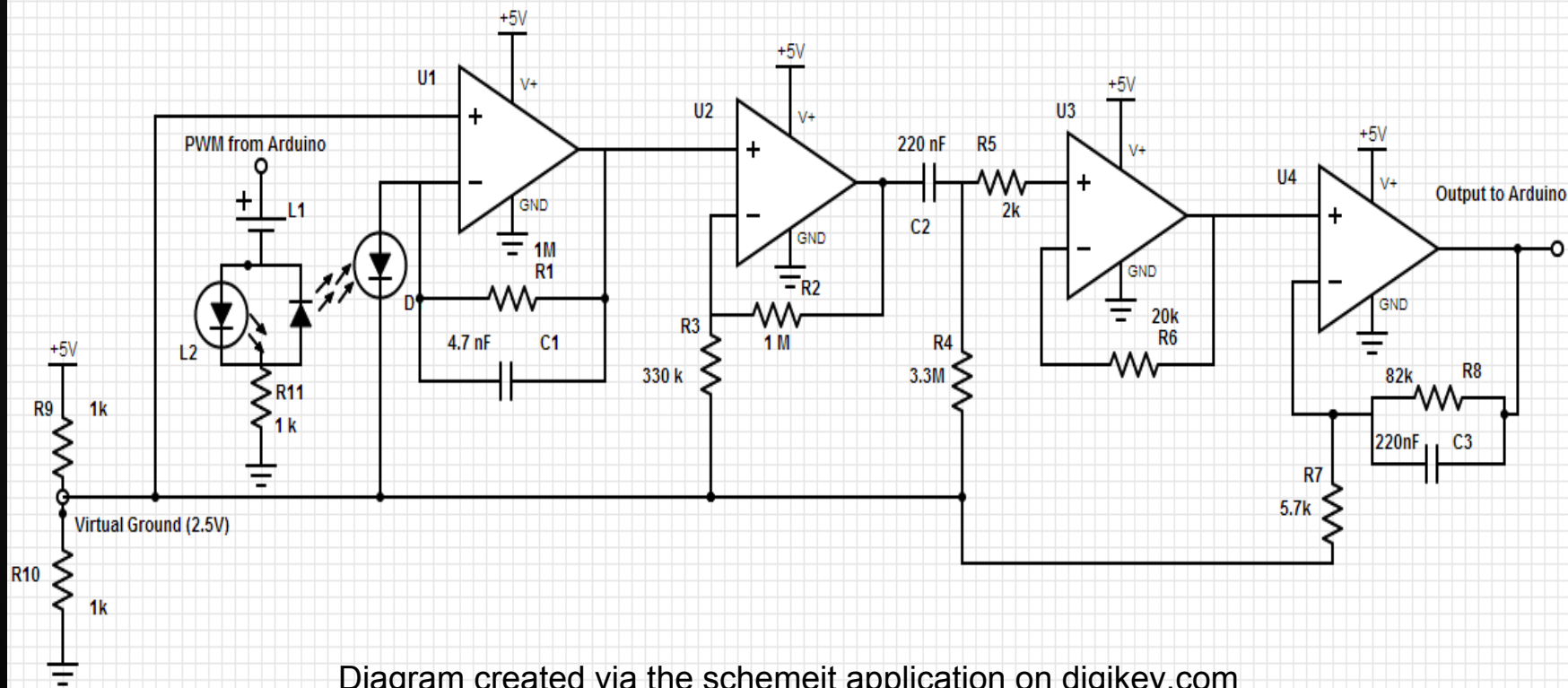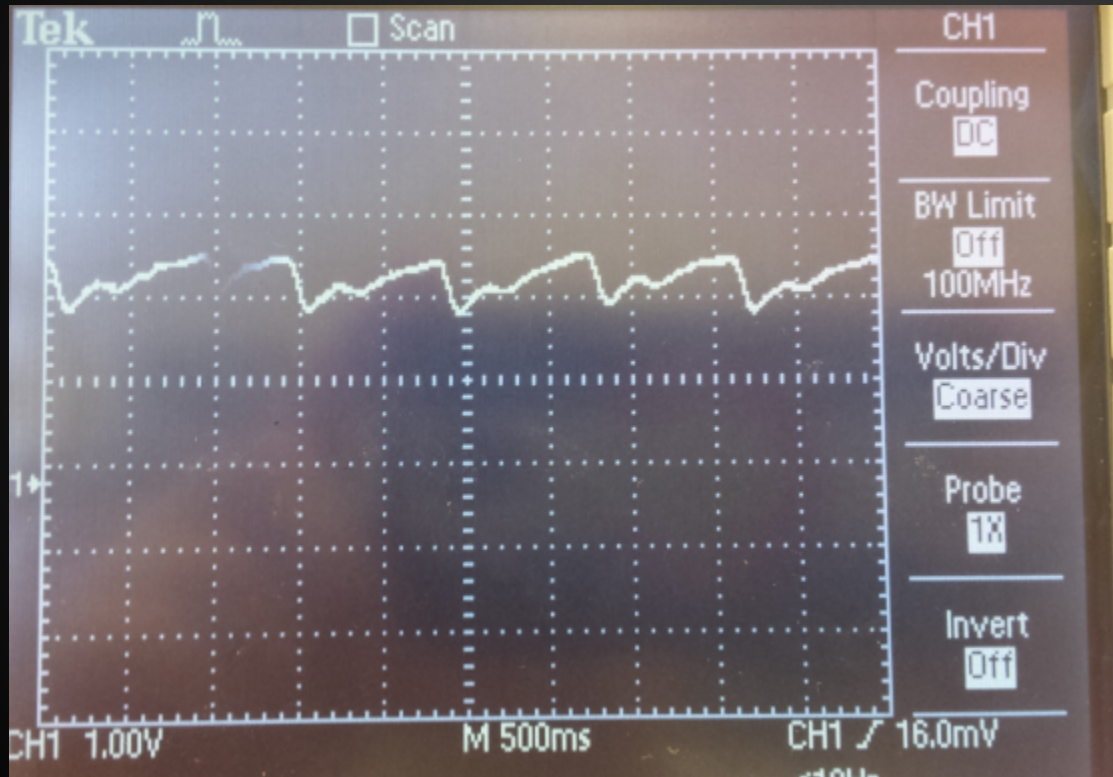Diagram created via the schemeit application on digikey.com

Sample Signal

Arduino algorithm will attempt to catch this element of the signal

Coding Structure