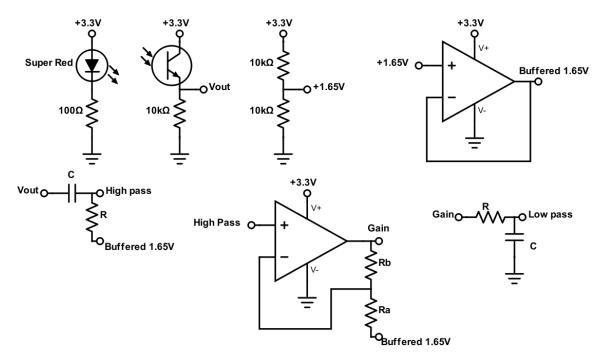
Nick Marchuk

Northwestern Medical Makers 2019

Workshop 1 – Photoplethysmogram (PPG) Sensor



LED -> long side is positive

Phototransistor -> short side is positive

Filter frequency = 1 / (2 \* pi \* R \* C)

Noninverting amplifier gain = (Rb + Ra) / Ra

