Nominal Whitening is 2 ea. 0.1Hz Zeros, and 2 ea. 1Hz Poles. Gain=2 @DC.
There is also 2 poles @ 500Hz, and 2 ea. 2-pole 500Hz Butterworth LPFs.

R4 and R29 changed to 2K from 1K to use full range of the ADC input.