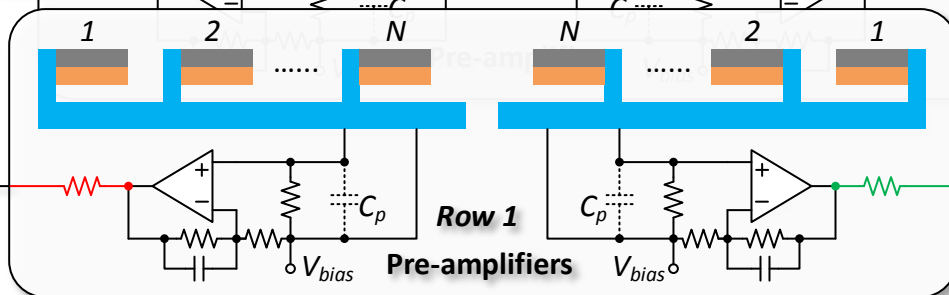
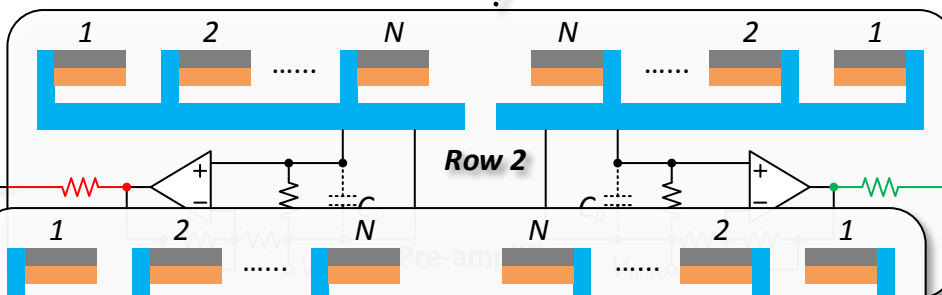
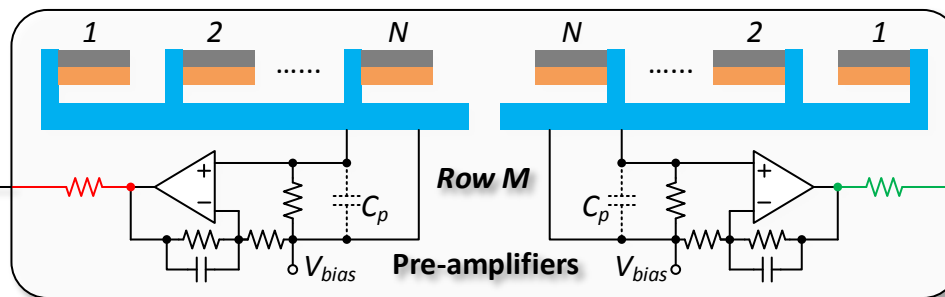
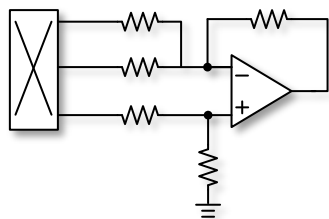


Magnetic layer:

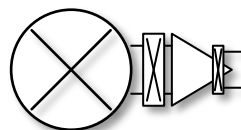
Piezo layer:



Summing/Difference Amplifier



Balanced Demodulator



$\Sigma\Delta$ ADC Core

