* How can we improve the resolution of the ADC?
  + Use a differential mode!
  + Reference can be a static voltage
    - Stable external voltage
    - Internal voltage reference 1.1 V
      * Bandgap voltage reference generation with
        + Temperature independent voltage reference
      * What about common mode noise? How can we use the differential mode of the ADC as an advantage.
        + Use the common mode reference of the input signal as the AREF.

Useful for dealing with AC signals / Single Supply applications