Calculation of Transfer Function for Temperature signal conditioning Circuit:
Vout(s) = (1/Cs) / (R + 1/Cs)*Vin(s)
Vout(s) = 1 / (1+R*Cs)*Vin(s)
G(s) = Vout(s) / Vin(s) = 1/ (1+Rcs)

|G(jw)| = |Vout(jw)| / |Vin(jw)|
|G(jw)| = 1 / sqrt(1 + (wRC)^2)
|G(jw)| = 1.0000005

Summary of Measurement Accuracy:
Vref+ = 3.0v
Vref- = 0v
The voltage 3v has a 12 bit ADC result
ADC result ranges from 0 to 4095
Voltage resolution is 3/4095

Input Voltage = 3 * (real voltage)
Received Voltage = (displayed voltage) * (75 / 1024)