Homework 2 - Breakout PCB design

Design a PCB with your assigned components which breaks out the pins to something that can be plugged into a breadboard and debugged.

Your board must have the following:

- Your assigned temperature sensor, with any supporting passive components
- Your assigned thermistor, with a corresponding resistor forming a voltage divider
- An 0805 LED, with an associated resistor
- Some way to interface with a breadboard, such as a row of 0.1" header pins

You should also consider what features would make your board easier to build and debug:

- Test points
- Breaking out optional pins, rather than just the minimal set
- Part labels and orientation marks
- Identifiers of some sort

Please list the additional components you will need on the HW 2 spreadsheet. We will attempt to order a minimal set of components, so if a classmate is already ordering 1uF capacitors, don't go find another part number for the same thing!

We will review designs in class on Tuesday (1/30), and you will order from OSHPark.com when you are ready.