

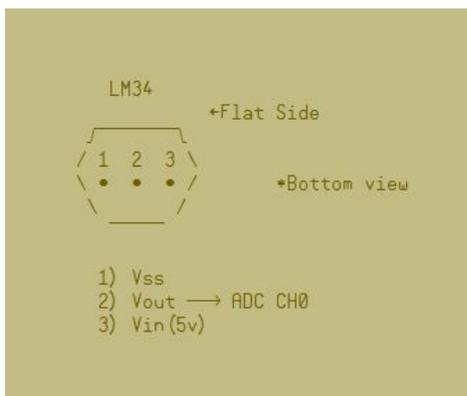
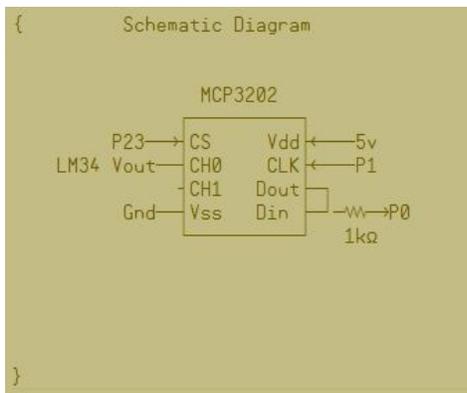
What's Needed:

- (1) Propeller Project Board (#32810)
- (1) Breadboard (#700-32023)
- Misc various-length SIP sockets for through-hole boards
- (1) MCP3202 12-bit ADC (#604-00060, discontinued)
- (1) LM34 Temperature Sensor (#604-00011, discontinued)
- (1) 220 ohm resistor (#150-02210)
- Misc jumper wires

Note: Many of these parts are discontinued for sale or manufacture by Parallax, but may be found through other retailers, or have suitable replacements available through Parallax or other retailers.

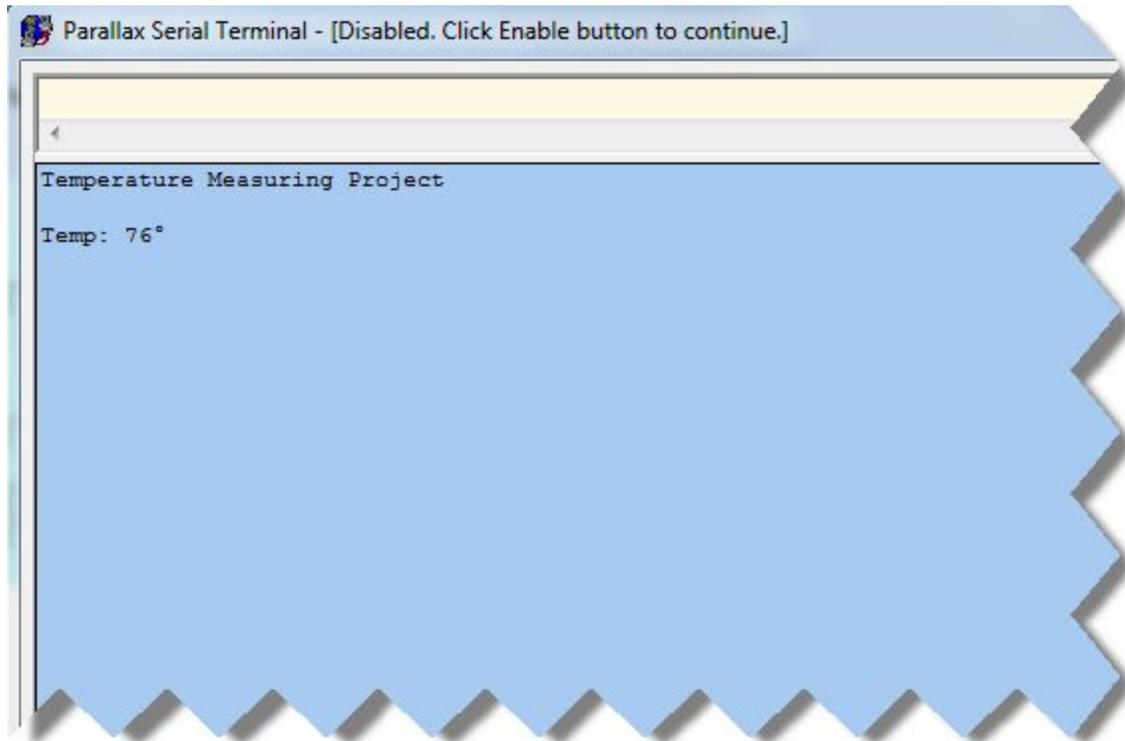
Build the Circuit

Using the schematic connections shown below and the project image at the beginning, build the circuit. You do not have to use the same Pin Numbers as I have, feel free to change those to what would work best for your setup. If you do decide to change what pins are used, remember to also change the Pin assignments in the code or you will get errors when trying to read the temperature.



Start Measuring Some Temperatures

Once you have your circuit built, you can load the example code from the project download and open the Parallax Serial Terminal (PST) to see the current temperature. If everything is working correctly, your PST will look something like the one below.



Now you can incorporate this design into your other projects!