

Insanely Fast Microprocessor Shop



Tired of wasting time with LabVIEW or C programming for relatively straightforward experimental measurements or instrument control, or dedicating a whole big desktop or notebook computer to routine data acquisition and running instrumentation?

Why bother, when for \$7K you can have a custom miniaturized microprocessor circuit to do the job--and you can have it in about a week? This includes the ability to upload data to desktop or notebook computers, either through the USB port or wirelessly. (Wireless uploading requires \$3K and 3 days more). And duplicate microprocessor circuits cost only a few hundred dollars each!

Argonne's "Insanely Fast Microprocessor Shop" is available for Argonne researchers needing to record data or run instruments. Everything is done in-house.

Perfect for:

- Prototyping
- Miniaturizing
- Weatherizing
- Adding security
- Reducing wiring
- Freeing up computers
- Demonstrating concepts
- Increasing instrument robustness
- Adding sound and talking to a project
- Impressing sponsors with blinking lights



Data that can be measured and recorded include time, voltage, current, conductivity, capacitance, temperature, pressure, humidity, strain, acceleration, tilt, magnetism, light, turbidity, color, sound, VOCs, certain gases, pH, the presence of water, physical tampering/intrusion, etc.

For more information and to discuss your application, contact Jon Warner (630-252-2114) or Roger Johnston (630-252-6168).

