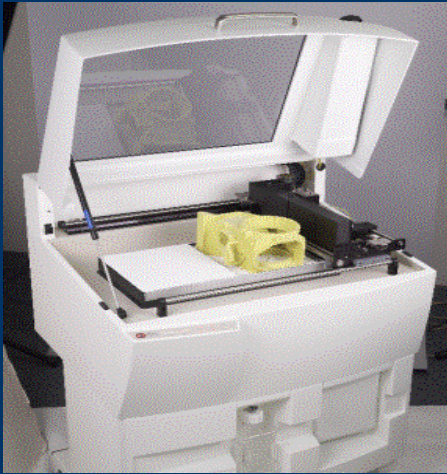


AWT Inc. - Design Studio

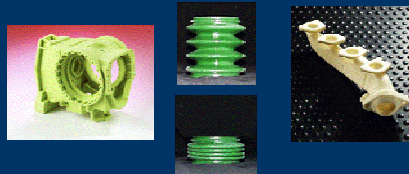
www.advancedwirelesstech.com



Need a concept part for quick evaluation? Our service bureau can help you.

Our ZCorp 310 3D Printer creates physical models directly from digital cad/cam data, enabling your engineers and designers to produce a range of concept models, functional test parts, and prototypes quickly.

DESIGN FASTER. COLLABORATE REMOTELEY. BEAT THE COMPETITION.



What's going on:

- *New website in development:*
www.protowerx.com
- *3D printing / rapid prototyping service.*
- *Electronic Design and Development.*
- *First metal cast poured – check out*
www.protowerx.com

Protowerx is coming...

Well, the beginning of this year has been extremely exciting. Along with having our 3D printing bureau open, we are starting to develop our new company identity. Want an early peek? Browse on over to www.protowerx.com and let us know what you think. We have the mindset

that “Advanced Wireless Technologies, Inc.” is no longer very descriptive of our capabilities – so out with the old and in with the new.



This is our first ZCast part created with an excellent local foundry, Pacific Mako.

3D Printing Service.

The ZCorp 310 3D printer is exactly that, a printer which can create objects in three dimensions.

When you have a need to physically hold your creation before you pay for costly investment casting, injection molding or tooling, our service bureau can help you.

Our 3D printer has the ability to print in a variety of materials, some of which are starch, plaster, thermoplastic and Zcast, a ceramic/sand material for

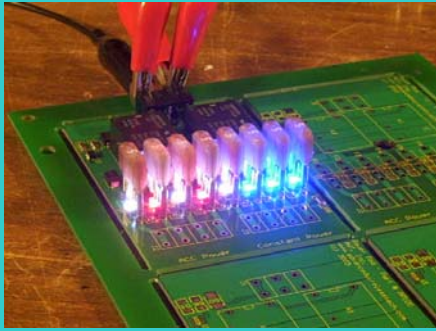
direct metal casting. The printed parts can be made to simulate plastic and rubber materials and are well suited for a variety of finishes. Painting, electroplating, clear coats, and machining processes have all proven successful with 3D printed prototypes.

3D Printer capabilities:

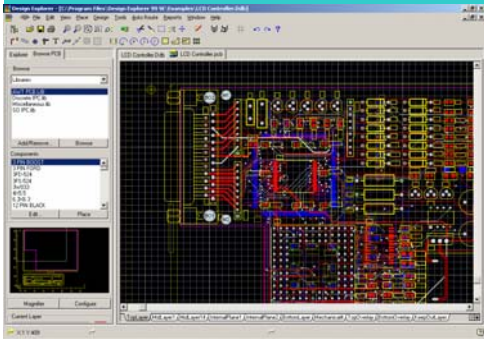
- **8" x 10" x 8" build volume**
- **0.003" layer resolution**



Direct pouring molten aluminum into a ZCast mold. The mold was printed on the ZCorp 310 3D printer.



Testing colorful circuits and creating PC boards.



Electronic Design and Development.

Advanced Wireless Technologies, Inc. has been involved with electronic development for many years. The majority of the time we develop control systems for use in wireless, gaming, lighting and most recently vehicular systems. Our knowledge and experience is constantly augmented with continued training and experimentation. We keep up to date with current technology trends to offer the best solutions to our customers.

We have experience in designing complex analog, digital and mixed-signal systems. The following is a list

of a few products that we have experience developing with:

- Microchip Technology
- Cypress Microsystems PSoC
- Anadigm
- Analog Devices
- Maxim
- Lantronix (XPort and WiPort)

We program in C or Assembly and use Protel for our schematic and PC board entry.

Let the experience of Advanced Wireless Technologies, Inc. help you with your next design or evaluation task.

Always an Open House.

Here at AWT (soon to be ProtowereX) we are always willing to introduce and show off our capabilities to clients – new and old.

If you want to come by and see what we are up to, give us a call – we'll put the coffee on and let you have a look.

We are always showing and demonstrating our new 3D printer as well as displaying some of our current design work.

We always have on show:

- Our 3D Printing service
- Electronic Development
- Firmware Design
- PC Board Development

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Pipe from a ZCast mold – this is an Aluminum Alloy



Darth Vader Bust



Architectural models

Some examples of the work we have done with our 3D printer.