

## Feedback

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- SMT Stencils

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- Balboa
- Romi
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- Kits, Soldering
- Kits, No Soldering

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- Stepper Motors
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- Tracks
- Wheels

## Tools

- Chargers
- Hand Tools
- Soldering

## Shirts

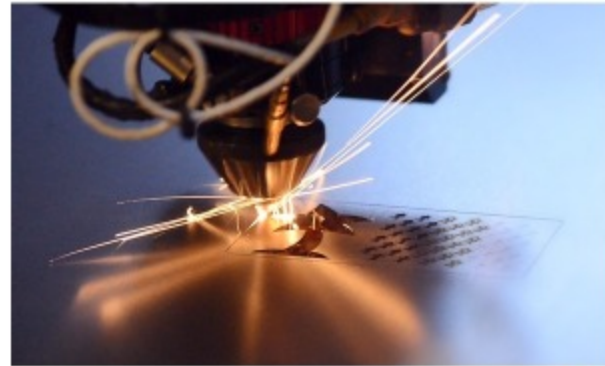
- Balboa T-Shirts
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## Community

- Mailing list
- Pololu Blog
- Engage Your Brain
- Community Projects
- Feeds
- Email a friend

Services »

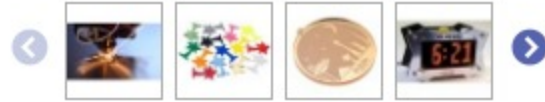
## Custom Laser Cutting Service



Pololu Item #: 749

**Pricing:** Approximately \$2.50 per minute of laser cutting time.

[Request a quote](#)



Our custom laser cutting service is ideal for making custom parts quickly and economically for any project. You can get started with making custom laser-cut parts for only \$25. If you are in a hurry, we can have custom plastic parts delivered to your door as soon as the next day!

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Laser cutting is ideal for quickly making custom parts out of sheets of plastic, wood, card stock, rubber, or thin steel. All you have to do is draw your design on a computer, and you can have a completely custom part delivered as quickly as the next day! Once you have your design ready, it's easy to order a single copy, or large volumes.

With our custom part cutting service, you can quickly and economically create intricate designs that are too complex for creating by hand. You can cut smooth curves and even engrave text or logos onto your parts. The only restriction is that parts are flat, but you can make three-dimensional robots by combining multiple two-dimensional pieces. Of course, non-robot parts are welcome – our laser cutting service is great for anyone with a project requiring custom parts!

Even if you do not have access to a computer with the software necessary to draw your part, we might be able to draw your part for you.

### Laser cutting pricing

- \$25 minimum order charge
- No set-up fees
- Discounted rates for larger orders
- Various [USPS](#) or [FedEx](#) options available

For a quote, please go to our [quote request form](#).

### Laser Cutting Materials and Capabilities

We can laser cut various thicknesses of plastics, woods, steel, paper, cloth, and more up to 47.5" x 47.5". We stock acrylic, ABS, POM (Delrin), styrene, birch plywood, stainless steel, and can quickly obtain many plastics through our suppliers. You can also ship us your materials.

We cannot laser cut thick metals, PVC, polycarbonate (Lexan), or carbon fiber, or any materials containing chlorine (please consider [OSH Cut](#) for metals that we cannot cut).

For more information, please see the following sections of our [Custom Laser Cutting Guide](#):

- [Materials for laser cutting](#)
- [Capabilities and limitations of custom laser cutting](#)

For a quote, please go to our [quote request form](#).

### Steps for ordering laser-cut parts

- You prepare CAD or other drawing files of your custom part (see the instructions for [laser cutting file set up](#) in the [Custom Laser Cutting Guide](#) for information on preparing your files).
- You send us your designs via our [quote request form](#).
- We email you a quote within 1-2 business days (faster for expedited parts).
- You order the parts through our web site. See our [ordering information page](#) for information on payment methods and shipping options.
- We cut the parts and send them to you!



Laser-cut Pololu logos in a variety of colors of acrylic.



Laser-cut and UV-printed acrylic enclosure.



Pololu ornament, laser-cut and reverse-engraved on mirrored acrylic.

## New Products

- QTR-HD-13RC Reflectance Sensor Array: 13-Channel, 4mm Pitch, RC Output
- Tic T249 USB Multi-Interface Stepper Motor Controller (Connectors Soldered)
- QTRX-HD-25RC Reflectance Sensor Array: 25-Channel, 4mm Pitch, RC Output, Low Current
- QTRX-MD-13A Reflectance Sensor Array: 13-Channel, 8mm Pitch, Analog Output, Low Current
- Free Circuit Cellar magazine January 2019
- Tic T249 USB Multi-Interface Stepper Motor Controller
- Pololu 24V Step-Up/Step-Down Voltage Regulator S18V20F24
- STSPIN220 Low-Voltage Stepper Motor Driver Carrier
- QTR-MD-07A Reflectance Sensor Array: 7-Channel, 8mm Pitch, Analog Output
- STSPIN220 Low-Voltage Stepper Motor Driver Carrier (Header Pins Soldered)