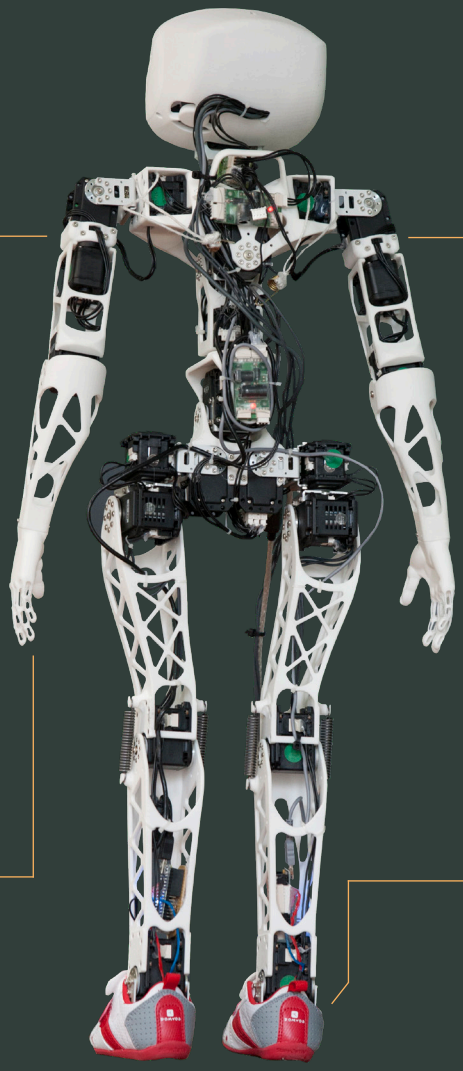
ROBOTICS

3D PRINTING FOR **ELECTRONICS**

Hundreds of unique parts working together, each perfectly designed to fit to the next, executing every movement the same way, every time. Producing all these parts so they fit together with tight tolerances and perfect finishing is exactly the challenge that 3D printing was made for.

- **Custom housings**
- **Grippers**
- **Replacement parts**
- **Robotic prosthetics**
- **Tooling & Jigs**
- **Brackets**
- **Support Structures**



Threaded Fasteners

Add inserts for threaded fasteners to securely close the casing.

Complex/Unmoldable Designs

Create the exact part you need without the design constraints of traditional manufacturing methods

Integrated Assembly

Minimize components, weight, and cost by integrating buttons, brackets, clips, and supports right into the structure.

Quality Finish

High definition colors and surface feel are possible with industrial 3D printing.

Customization

The shape, size, and features of your parts can be completely customized to fit the components and function of the device.

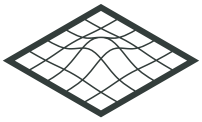
Properties:

Impact and Abrasion Resistant

Parts are strong and resistant to impact, scuffs, and scratches

Heat Resistance

Specialized materials enable 3D printed parts to withstand high temperatures.



Surface Finish

With professional finishing options, 3D printed parts have the look and feel of injection molding.

Watertight

Watertight and water resistant materials ensure your parts function in any setting.

Durability

Parts are flexible and durable to endure any conditions.

Accurate

Precise 3D printing allows for tight minimum tolerances and consistent parts.

The 3D Printing Advantage:

Prototypes to small series to mass-production

3D printing grows with your business; accomodating any scale of production without minimum orders.

Flexible, on-demand manufacturing

Minimize inventory costs, production overruns, and obsolescence; produce only what you need, when you need it.

Fastest lead-time

Unexpected orders, tight deadlines, and product development time are no longer an issue.

Design to fit and function

One size doesn't fit all, your parts are tailored to their function without the constraints of traditional methods.

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A brand of BASF - We create chemistry