

EXPLORE THE POSSIBILITIES...

**ELECTRONIC AND MECHANICAL
ASSEMBLY**

PROTOTYPING

SYSTEMS DEVELOPMENT

ELECTRONIC TESTING

SMALL MANUFACTURING RUNS

INTERCONNECTION TECHNOLOGIES

SYSTEMS PROTECTION

STARJAMMER SYSTEMS

PART OF THE STARJAMMER GROUP

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21ST CENTURY THINKING...

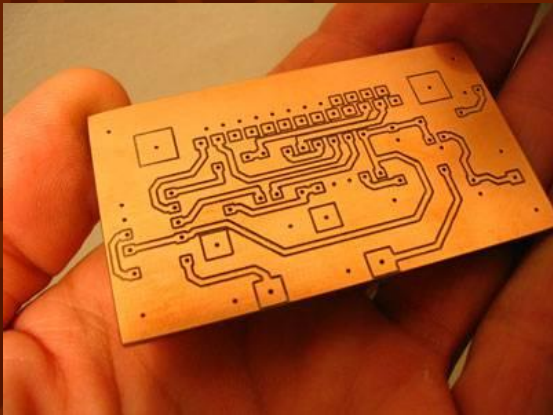
Electronic and Mechanical Assembly

Quality and excellence as standard

Starjammer Systems possess a highly experienced rapid prototyping facility for physical, electrical, and mechanical systems. If a particular capability or facility is lacking, we have good, well established relationships with a large network of vendors and subcontractors to cover the shortfall.

Our electrical prototyping capability predominantly includes: Board prototyping, population, assembly and conformal coating for single and multi-layer printed circuit boards.

Integration and assembly of PCBs, microprocessors, imaging sensors, micro-displays, motors, battery and amplifier circuits, etc. Component, functional and systems testing. Board tracing and flex circuit design and prototype production. Lathe, Mill and CNC Machining, sheet metal forming, assembly, painting, etc. Mechanical and environmental testing.

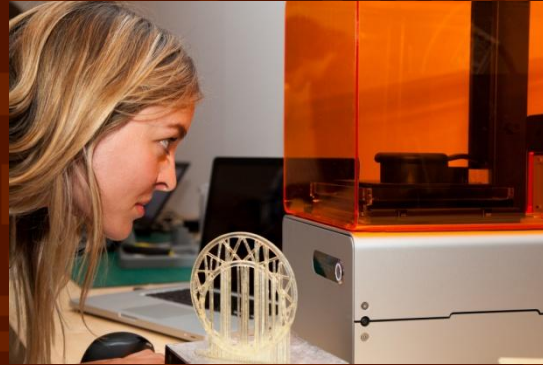


For more complex CNC machining, anodizing and other surface preparations and coatings, injection moulding, SLA and SLS rapid prototyping, we use a select and approved number of subcontractors.

We design all types of electronic circuits and prototypes according to your custom specifications, at an affordable cost and maintaining the highest possible quality. Please contact us for a quote.

Electronic and Mechanical Prototyping

From drawing board to finished product



At Starjammer, we take your ideas and concepts and try to put these into a physical model, a model that can be developed into a workable development prototype for small or long manufacturing runs. A prototype is an early representation of an object or a model built to determine the feasibility of a concept or process.

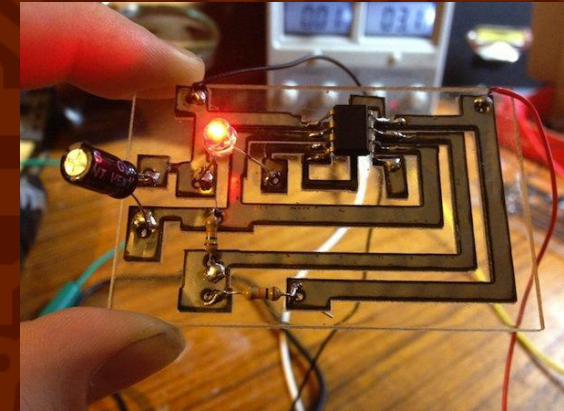
There is often great uncertainty with regards to a new design and how it will function or perform. There is also the unexpected, where a model will not behave or operate in the way that it was intended to. Prototypes are used as part of the design process to allow designers and engineers to determine the ability of a concept, as well as to explore any design alternatives, test theories and examine its performance prior to manufacture of the final product.



Testing and Quality Control

The benchmark in quality

Electrical test and analysis is a core capability at Starjammer Systems, and we have nearly 20 years experience servicing a number of critical, high reliability industries.



Our dedicated engineers routinely provide expert insight, allowing our customers to enhance and structure their testing accordingly. We also maintain the capability and are certified to meet the rigorous electrical safety requirements of Underwriters Laboratories.



Our facilities are equipped with a wide variety of test equipment to determine the electrical operating conditions of components and electronic assemblies under many different types of environmental and ambient conditions, so that our clients can be sure of their products reliability prior to releasing it to its target market.