

MICROELECTRONICS

Mission-critical functionality across all domains

L3Harris technology operates in some of the harshest environments imaginable – contested battlefields, thousands of feet in the air and the vacuum of space. That means full reliance on systems that simply cannot fail, with a single electronic fault all that stands between the warfighter and a compromised mission. L3Harris microelectronics enables customers to confidently conduct missions when traditional electronics are too large, too slow or simply not innovative enough.

MULTIDOMAIN CAPABILITIES

L3Harris microelectronic components' functionality is crucial to the success of missions across domains. They enable pilots to stay hidden from adversaries, maintain communications and accurately shoot targets to help warfighters win battles.

Microelectronics also allow satellites to function properly after launch, supporting successful space missions. They even allow web services to securely store personal data and information.



STATE-OF-THE-ART FABRICATION

L3Harris engineers design, build and verify end-to-end microelectronics in a state-of-the-art fabrication and component analysis lab. A fully customizable mission solution is available to customers without ever leaving the hands of L3Harris engineers. This ensures secure handling of components and allows the prototype process to deliver orders in weeks instead of months.

MISSION-SPECIFIC SOLUTIONS

Often, customers have very specific size, weight, power and environmental constraints on top of device performance requirements. L3Harris microelectronics go beyond traditional circuit cards or electronic components to create a customized solution for each customer.

Engineers identify novel materials and applications, advance design techniques and develop new fabrication methods to create a system that meets the specific needs of any mission.

L3Harris microelectronics also provide unique non-destructive error-correcting capabilities which equip customers with more confidence in the final product than traditional destructive component analysis methods.



BENEFITS

- > Components for multiple functions meet mission needs across all domains
- > State-of-the-art fabrication and analysis lab provides security and faster prototype process
- > Advanced materials and design result in fully customized capabilities for each customer

Microelectronics

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.