

# Aerospace & Defense

35 Years of Delivering High-reliability  
Semiconductor Solutions



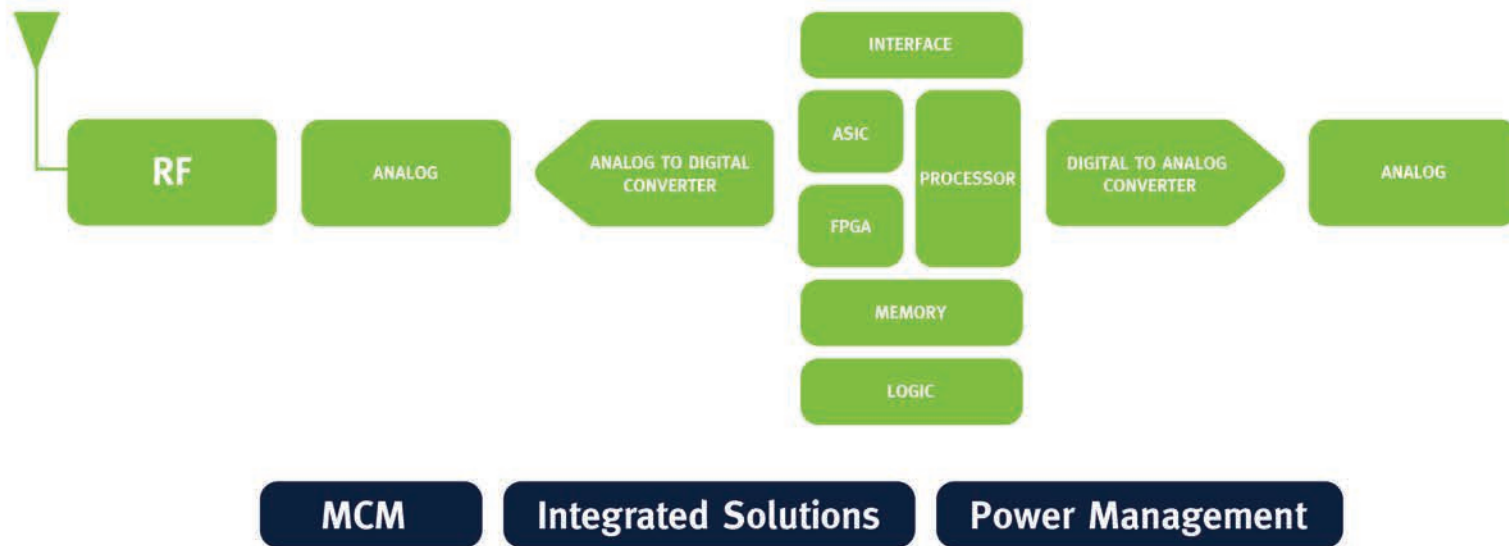
**e2v** Bringing life  
to technology

# e2V Provides...

...**cost-effective, high-reliability solutions to Aerospace and Defense** markets around the globe. Our focus is providing quality components that meet our customer's reliability and performance requirements. We offer a complete signal chain of products with a range of qualification levels, extended temperature operation, and ruggedized packaging.

**Our wide semiconductor product portfolio** includes analog, broadband data converters, microprocessors, microcontrollers, logic, programmable logic, ASIC, power, interface, and memory.

**e2v delivers** ruggedized semiconductor solutions with the performance and qualification to accommodate the most challenging applications that the Aerospace and Defense markets demand in their electronic systems.



e2v's high reliability ICs perform even in the harshest defense environments, which can be subjected to temperature, moisture, vibration, shock, and dirt.

e2v products help save component engineer's valuable time and resources by providing catalog Mil-spec ICs and boards designed to outperform the rigors of demanding defense applications.

## Logic

e2v offers an extensive line of military DLA-approved logic devices based on parts from numerous partners and e2v designed and developed die. Logic families are available in different packaging and qualification options, including many mature or commercially obsolete functions.

## Integrated Solutions

To address the needs for reduced size, weight and power, e2v can offer cost effective integrated solutions to improve time-to-market. These include memory modules, multi-chip modules, hybrids, and board-level offerings.

## ASIC and Custom Solutions

e2v has the ability to help our customers with custom IC solutions, including ASICs with our many partnerships and design capabilities supporting multiple foundry and EDA partners.

## Broadband Data Converters

Since the 1980s, e2v has designed ADCs and DACs that have continuously evolved to support higher frequencies, higher microwave bandwidths, and higher resolutions.

## High Reliability Microprocessors and Microcontrollers

Microcontrollers from e2v are optimized for high-speed connectivity and low power while providing the necessary bandwidth allowing for multiple configurations.

Rugged, high-performance A & D systems need the power of advanced microprocessors that can deliver ever-greater processing capacity in a smaller form factor or on a single board with higher functional density.

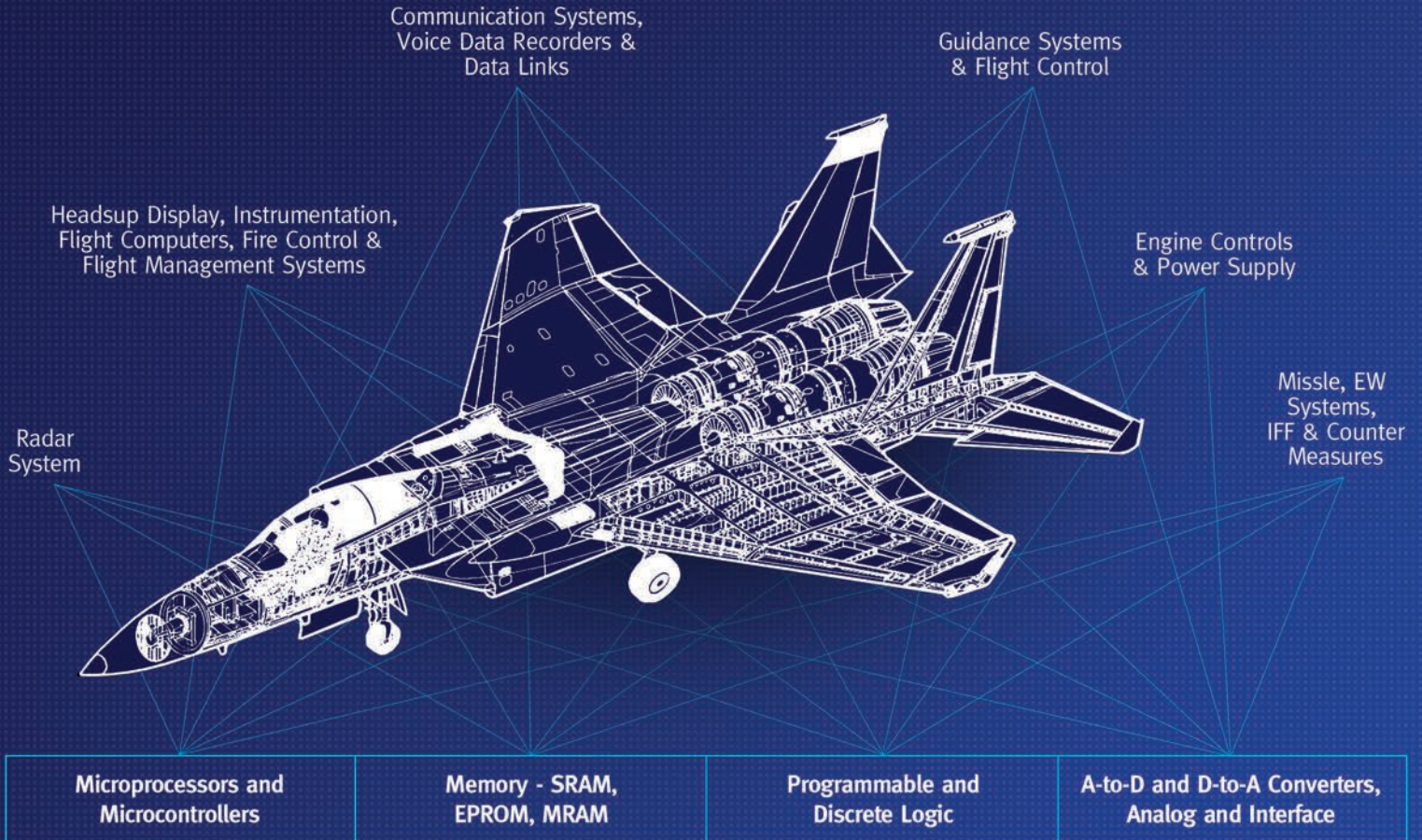
## Manufacturing Capabilities

- ▶ Extended temperature testing
- ▶ On-shore assembly and testing available
- ▶ Ceramic or plastic packaging
- ▶ New and re-engineered die product resurrections
- ▶ Established fab foundry relationships

QML-Q/SMD/38510 products  
MIL-PRF 38535  
MIL-STD-883 Method 5004 & 5005  
Space-level: Class S, Class V, and Class Y

# High Reliability Semiconductor Solutions

Providing a foundation of high-reliability products for multiple aircraft and defense systems



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