

Microelectronics Solutions



Advanced Packaging

- **Advanced microelectronic packaging solutions to meet most demanding environments**
- **Electrical Testing**
- **Environmental Screening**
- **Obsolescence Management**

Microelectronics Solutions, part of Crane Aerospace & Electronics, manufactures high-density and high-reliability microelectronics for the space, aerospace, military, medical, industrial and commercial markets. We specialize in miniaturization of electronic circuits, using our expertise and technologies to reduce size, minimize weight and increase board density.

Product Offerings

Our microelectronics support your requirements from prototypes to high-volume. We can help you achieve higher reliability at reduced cost and weight for critical applications. Our quality systems ensure reliable, repeatable processes and performance. Our facilities are ISO9000/AS9100 and MIL-PRF-38534 certified. Interpoint brand custom and proprietary microelectronics solutions are found in the harshest and most demanding environments: missile systems, defense systems, military aircraft, military vehicles, implantable medical devices, medical equipment, commercial aircraft and industrial applications.

We understand the critical nature of new product introduction and minimizing time-to-market and time-to-volume. We work with our customers as a strategic partner to meet established demands.

Advanced Packaging



Automatic Die Attach
with Flip Chip Arm

Automatic
Wirebond



Custom Designed Test Fixtures and Tests

Delivery

We offer design, co-design or build-to-print to accommodate customer needs. Each option has been defined with a recommended set of equipment, layouts, processes, logistics, and metrics to simplify organization and support structures.

Capabilities

Our capabilities range from traditional chip-and-wire, bare-die assembly, on a variety of substrates to the most advanced assembly techniques such as flip-chip-on-flex, micro ball grid array (μ BGA), opto-electronic, 3D and chip scale packaging.

Experience

Our custom microelectronics are used in a variety of applications including torpedoes, missiles, implantable medical devices, reconnaissance electronics, and avionic sensing equipment. We support emerging technology and applications for commercial use.



Crane Aerospace & Electronics—Microelectronics Solutions www.craneae.com/microelec

Brands: ELDEC • General Technology • Hydro-Aire • Interpoint • Lear Romec • P.L. Porter • Signal Technology

10301 Willows Road • P.O. Box 97005 • Redmond, Washington 98073-9705 • phone 425.895.3007 • fax 425.882.1990 • microe@craneae.com