



# DIGICOM ELECTRONICS



## Experts In High-Reliability Assembled Boards and Subsystems Since 1982

Quality • Reliability • Electronic Assemblies Manufacturing • [www.DIGICOM.org](http://www.DIGICOM.org)

# Experts in High-Reliability Assembled Boards and Subsystems

Since 1982, Digicom has provided medical, military, aerospace, and electronics manufacturers with high-reliability assembled boards and subsystems.

From prototypes to production, Digicom provides you with a level of service that is unequalled. All manufacturing is done in Digicom's modern, newly-expanded facility in Oakland, California, in the San Francisco Bay Area, where attention to quality is apparent from the wall-to-wall ESD floor, specialized cleaning equipment and process controls, emphasis on green manufacturing and our numerous quality certifications that we proudly hold:

- AS9100:2016 (Rev D) Aerospace quality
- ISO 9001:2015 Quality System
- ISO 13485:2016 Medical Device quality
- Device Manufacturing License: State of Calif.
- Quality System Regulation 21 CFR 820
- ANSI/IPC-A-601D and ANSI/IPC-A-610B
- ITAR Certified
- Small Business and HUBZone Certified

Digicom collaborates with major universities and research institutions around the world such as **MIT, Berkeley, Stanford, Oxford University, NASA's Jet Propulsion Laboratory**, and many more.

## Contract Electronics Manufacturing Services

Oakland, California



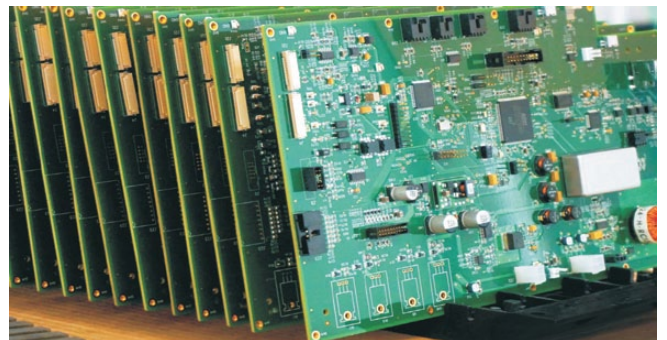
### Digicom Supports the Return of Electronic Assemblies Manufacturing

While many of the electronic assemblies available in the United States are designed here, they are manufactured overseas. This presents problems for national security and for the Defense Department.

Recently, the United States Department of Defense (DOD) commented on the current state of onshoring electronics manufacturing. Ellen M. Lord said that due to the offshore manufacturing and assembly of most electronics, we can no longer "clearly identify the pedigree" of our electronics products in the United States.

Lord went on to say that due to the convoluted, untraceable overseas manufacturing history of most electronics products, *"we can no longer ensure that backdoors, malicious code or data exfiltration commands aren't embedded in our code."*

To protect and guarantee the security of your IP and software systems, you need to entrust your manufacturing with a reputable, ITAR-certified electronic assemblies producer like Digicom Electronics, who is committed to building its products and sourcing parts in the United States, ensuring your confidence and security in all the assembled boards and subsystems we produce. We also work with partners from many parts of the world and ship finished products internationally.



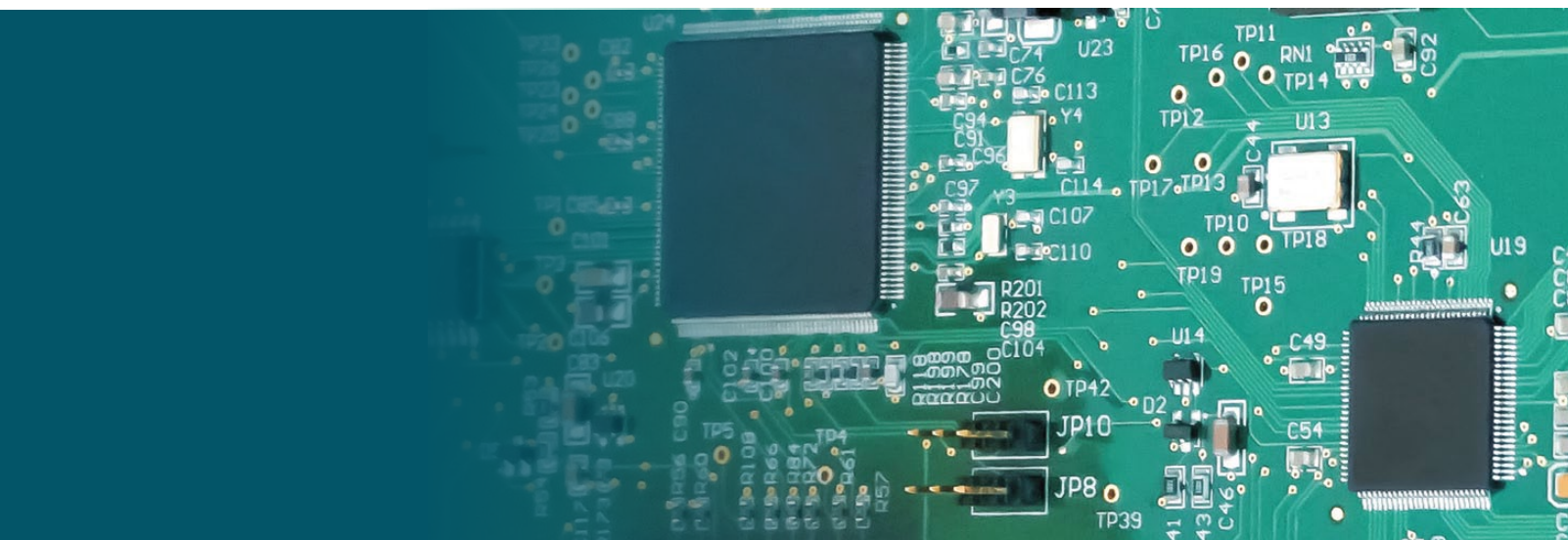
## Small Runs to High-Volume Manufacturing

Digicom handles small runs, high-volume manufacturing, and welcomes companies who need help to design, develop, and troubleshoot challenging electronic products.

Central to Digicom is our **Diamond Track™ Manufacturing Process** that includes advanced cleaning, selective soldering, purchasing and inventory management, process control, inspection and test, and process validation. These activities enhance productivity, product control, quality, and integrity of the products that we build.

## Our Specialties

- Complex prototypes, boards, box-builds
- Advanced high-speed SMT line to support larger volume assembly
- Flexible circuits and RF capabilities
- Customized services and support
- Quick turns, changeovers and engineering change orders
- On-time delivery
- Warehousing, fulfillment, and life-cycle support



## Our Expertise

- Process control and monitoring ensure boards that won't fail.
- Innovative cleaning process eliminates ion contamination.
- Digicom generates nitrogen for use in solder reflow, selective soldering and hand soldering to strengthen solder bonds and adhesion.

## Selected Sole-Source Manufacturer of Special Products

- ROACH (reconfigurable open architecture computing hardware)
- IADC (analog to digital conversion boards)
- IBOB (interconnect break-out boards)
- GENO 400 Hz DIGICOM Power Converter Model 779

## Industries Served

We proudly serve the following industries:

- U.S. Department of Defense
- Aerospace
- Medical Device
- Biomedical
- MedTech
- Telecommunications
- Internet
- Wireless
- Industrial
- Instrument
- Space
- Military

## Digicom's Award-Winning Diamond Track Cleaning Process

A unique, customized, inline cleaning system that repeatedly delivers zero ion contamination as measured and backed by independent certified lab reports. This method guarantees zero current leakage across the surface of the board assembly, eliminating early PCB mortality and permanent circuit failures.

**Call Us Today: 510-639-7003**

• QUALITY CERTIFIED •

— SINCE 1982 —

INDUSTRY EXPERTS



Get in touch today to discuss the many ways that your business can benefit from Digicom's unparalleled experience in designing and manufacturing high-reliability assembled boards and subsystems

Visit our new, state-of-the-art, green facility in Oakland, California, near the San Francisco Bay Area, or **contact us at 510-639-7003 or [info@digicom.org](mailto:info@digicom.org)**.

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