



**SJE RHOMBUS EMBEDDED CONTROLS & SOFTWARE**

# **SMART ENGINEERING FOR HIGH-TECH SOLUTIONS**

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## CUSTOM PCB SOLUTIONS

# PARTNER IN INNOVATION

SJE Rhombus creates custom PCB solutions for the most demanding applications. It's the ultimate test of innovation. OEMs around the world count on our design engineering for applications from highly sophisticated scientific instruments to decision management networks in the harshest environments. We raise the bar in engineering design, and our rigorous testing proves it.

### Partner with us to:

- Design, build, test, and source components
- Enhance functionality
- Integrate engineering and manufacturing
- Accelerate time to market

SJE Rhombus represents the most reliable integration of engineering and manufacturing capabilities in the industry.

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## CIRCUIT BOARD DESIGN

# ALWAYS CUSTOM

Your vision, our ingenuity—collaborate with our team of engineers to explore possibilities. Unique projects require innovative design engineering solutions. Our engineers have best practices in place to plan, scope and test custom solutions, using state-of-the-art manufacturing equipment.

A seamless work flow enables our design and production teams to work in tandem, getting you to market faster. In addition, we offer lifecycle support to ensure your circuit board design goes on to manufacturing, then shipment for on-time delivery, within budget.

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## EMBEDDED CONTROLS SOFTWARE

# OPTIMIZE PROCESSES & EQUIPMENT

SJE Rhombus embedded controls and software allow you to get more out of your equipment, accessing data more effectively and maximizing connectivity to make your products smarter.

We are a uniquely qualified team, proficient in proprietary and standard protocols, and versatile with data acquisition. We are known for setting tight standards and creating fault tolerant systems.

### Our embedded controls and software provide reliability in a variety of industries and applications:

- Control algorithms
- Database knowledge
- Data acquisition & reporting
- Communication/cloud connectivity
- Failsafe operation
- Operator interfaces
- Mobile & desktop application development

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## OEM ELECTRONICS

# IT TAKES EXPERIENCE

Sophisticated electronics require a wide range of technologies. It takes experience and ingenuity to leverage technology to enhance the value and efficiency of your products.

Our years of developing creative solutions for unique challenges have sharpened our problem-solving skills. We are always ready to tackle the unique challenges in OEM electronics.

We've helped companies around the world with control systems that monitor temperature, motion, pressure, pattern, sampling, and positioning. We've created easy-to-use interfaces, remote controls, communications tools, and more.

When you partner with SJE Rhombus for your OEM electronics, you access our processes and controls. We provide you a competitive advantage with smart design and product innovation.

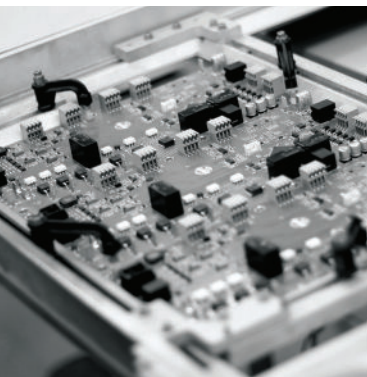
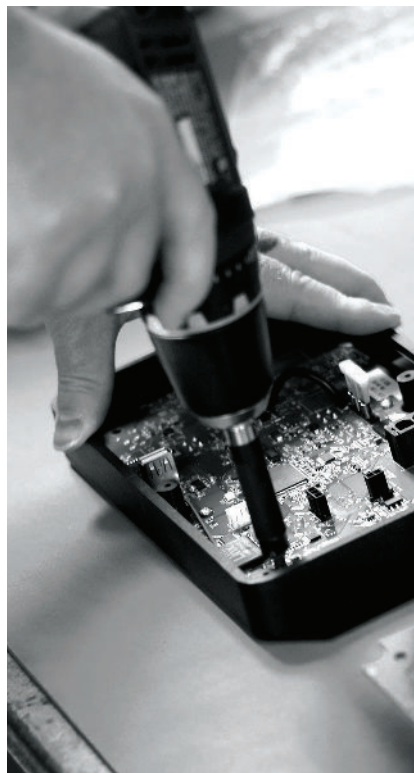
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## PCB ASSEMBLY

# QUALITY IS THE DIFFERENCE

Our state-of-the-art manufacturing equipment is matched by the expertise of our manufacturing and quality assurance teams. We employ real-world custom test fixtures and documented test plans to inspect and functionally test 100% of all products we produce.

Count on us to live up to the most demanding standards—where PCB assembly is put to the most stringent testing.





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## TESTING AND TRACKING

# LIFECYCLE SUPPORT

Technology changes fast and sometimes it's hard to keep up. Circuit board components are constantly changing or are discontinued. Our inventory management solutions are designed to keep you up-to-date. We research replacement options; and work with you to test and implement solutions so your supply chain runs smoothly.

Choose a long-term partner that can manage your product lifecycle accurately and efficiently...  
Choose SJE Rhombus.

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## ELECTRONICS MANUFACTURING SERVICES

# CUSTOM ELECTRONICS DESIGN, SUPPORT, & TESTING

SJE Rhombus provides quality, efficiency and reliability in electronics manufacturing services. We're here for you every step of the way.

When you don't have the time, resources, or expertise to do it yourself, we step in. We can manage your project all the way through, from design to delivery; or we can create the design and let you handle the rest. SJE Rhombus is your trusted partner every step of the way.

Accomplish all your electronics manufacturing services and assembly with one central point of contact, SJE Rhombus.

# SJE RHOMBUS DELIVERS PROVEN SOLUTIONS BASED ON INNOVATIVE ENGINEERING DESIGNS

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