

Our manufacturing lines allow us to be very nimble and meet the needs of our customers. Our rapid prototyping and small to large production ability helps us meet your growing needs.

We are secure in two fashions. First, if you are a customer, you will receive your products, even when others, sourcing from foreign entities will not. Second, we are 100% owned and operated by United States citizens. Your products are secure with Secure Semiconductor Manufacturing LLC.



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Welcome to
Secure
Semiconductor





About us

Secure Semiconductor Manufacturing, LLC (SSM) was created to fill growing US-based secure electronics production needs. The semiconductor industry in the United States has become nearly non-existent for secure component manufacturing. For this reason, some customers need verified and secure components to build equipment for customers such as the Department of Defense, the Intelligence Community, and the Department of Energy.

Secure Semiconductor Manufacturing LLC (SSM LLC) is strategically positioned to utilize four major equipment categories in its production processes, particularly focusing on a flexible multi-layer ceramic capacitor (MLCC) line. This flexibility enables SSM LLC to manufacture a diverse range of MLCC types. This accommodate evolving market demands and customer specifications.

The printed circuit board (PCB) line at Secure Semiconductor Manufacturing LLC (SSM LLC) is highly adaptable, enabling the production of boards with various dimensions and thicknesses while accommodating different types of components. This flexibility provides versatile design and solutions tailored to diverse customer needs, enhancing the company's capability for rapid prototyping and swift production

Another component in SSM LLC is akin to a 3-D printer and is specifically designed for rapid prototyping of boards for testing purposes. While these boards offer less connectivity compared to those produced on the main manufacturing line, they enable SSM LLC to quickly prototype, test, and demonstrate with a much faster turnaround. This capability allows the company to rapidly meet customer needs and make real-time adjustments to designs and outputs.

The pick-and-place lines at Secure Semiconductor Manufacturing LLC allow us to efficiently add microelectronic components, including capacitors, to printed circuit boards of various types, from computer and cell phone boards to medical equipment and aerospace applications, offering limitless customization options.

Contact us with any questions

