

High-Voltage Vanquished!

For manufacturers, preventing ESD is the only way to ensure that the finished product is reliable and long-lasting! Having ESD safe manufacturing areas is a must. The use in laser technology to depanel boards requires that service providers have in place:

1. ESD safe and tested floors
2. ESD safe mats
3. All machines, tables, chairs, and anything on the work floor be grounded.
4. All persons must be grounded and test for ground before entering the work area, and re-test upon re-entry.
5. ESD safe smocks and wrist bands be used.
6. Regulated resurfacing of floors and grounding straps be scheduled.

When all is in place, the process of laser depaneling can be done.

How is PCB Depaneling done?

A-Laser depaneling is done with speed, pin-point accuracy, no tooling cost or wear, no part induced stress, and no cutting oils or other waste. A non-contact depaneling method using lasers provides a highly precise singulation without any risk of harming material, regardless of substrate.

As the technology community continues to innovate and create smaller and more advanced devices, A-Laser offers the latest in precision part manufacturing to meet this demand.

Why Should You Consider PCB Depaneling?

The reduced size and intricate design of new technology require smaller PCBs. Since there is no standard set for PCBs, every board is design specific. This results in the need for depaneling.

A-Laser employs every method of PCB depaneling to ensure production factors such as stress, precision, and cleanliness are kept at an unparalleled industry standard.

Let's Get Started on Your PCB Depaneling Project

Our technical engineers walk you every step of the way through the manufacturing process. We'd be happy to talk more about your project and how we can help.

We also offer a wide range of laser cutting services, including laser skiving, laser depaneling, laser routing, and more. We work with both UV lasers and Infrared laser to give you the choice of the best method for your project.

HIGH-VOLTAGE VANQU

A LASER



EVIL ELECTROSTATIC DISCHARGE (ESD) IS ALWAYS LUCKY
TRYING TO DAMAGE YOUR COMPONENTS & CIRCUIT BOARD

Please read more at:

[PCB Depaneling - A-Laser Precision Laser Cutting](#)

[High-Voltage Vanquished - A-Laser Precision Laser Cutting](#)

[A-Laser Precision Laser Cutting - Laser Ablation, UV and IR Lasers](#)