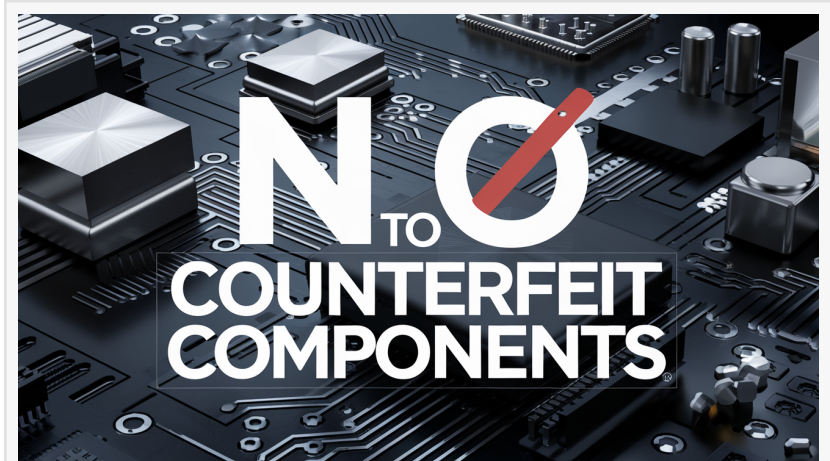


Partstack Promotes Supplier Verification to Reduce Risk of Counterfeit Electronic Components

Partstack Empowers Manufacturers with Tools to Combat Counterfeiting Through Supplier Verification and Advanced Testing Solutions.

SANTA CLARA, CA, UNITED STATES,
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[EINPresswire.com/](https://www.einpresswire.com/) -- [Partstack](https://www.partstack.com/), a leading digital marketplace for electronic components, is emphasizing the importance of supplier verification and testing as essential defenses against the growing threat of counterfeit components. By collaborating with trusted manufacturers, distributors, and testing labs, Partstack ensures its customers can procure authentic, reliable components with confidence.



Safeguarding Supply Chains with Partstack. Say No to Counterfeit Components with Verified Testing and Authentic Electronic Parts.

Counterfeiting has become an increasingly sophisticated problem in the electronics supply chain, posing serious risks to performance, safety, and product longevity. The global counterfeit market in electronic components is valued at up to \$1 trillion and can potentially reach \$4.5 trillion annually. The need for proactive verification protocols is more urgent than ever.

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Nicole Davis, Program Manager at Partstack.

“The path from manufacturer to end user is a critical factor in mitigating counterfeit risks,” said Nicole Davis, Program Manager at Partstack. “Direct sourcing from trusted distributors reduces vulnerabilities, while testing serves as the ultimate safeguard when intermediaries are

involved.”

Supplier Verification: A Proactive Approach

Supplier verification is a cornerstone of counterfeit prevention. At Partstack, customers are encouraged to source components directly from verified manufacturers or distributors. This strategy minimizes handling and storage risks, which are common entry points for counterfeit goods.

To assist its customers, Partstack offers access to a curated network of suppliers and real-time data on component availability and specifications. This transparency empowers buyers to make informed decisions while maintaining the integrity of their supply chains.

Testing Labs: The First Line of Defense

When direct sourcing isn't feasible, Partstack connects its customers with industry-leading testing labs that specialize in advanced component verification. These labs provide critical testing methodologies, including:

- Visual Inspection: Identifies discrepancies in physical characteristics compared to datasheets or verified samples.
- X-Ray Analysis: Offers non-destructive imaging to verify internal structural integrity, such as bond wires or die placement.
- Chemical Composition Testing: Validates that materials meet specified standards, ensuring proper alloy and material compositions.
- Electrical Testing: Confirms functional performance as per manufacturer specifications.

Testing is not just about identifying counterfeit components—it's about ensuring that every part meets the rigorous demands of high-stakes industries. A robust testing process can detect even subtle tampering or quality issues, offering peace of mind to manufacturers and end users alike.

Educating and Empowering the Industry

Partstack goes beyond testing by equipping its customers with the knowledge they need to proactively address counterfeiting risks. The company's [Counterfeit Mitigation Page](#) and resources, such as INTA's fact sheet, provide practical insights into identifying and addressing counterfeit threats.

Additionally, Partstack encourages collaboration across the industry, from manufacturers to distributors and testing labs, to establish stronger supply chain safeguards.

Why It Matters

Counterfeit components cost manufacturers billions of dollars annually, lead to significant operational disruptions, and compromise safety in critical sectors like aerospace, automotive, and telecommunications. Addressing these risks is not just a financial imperative but a moral responsibility to ensure public safety and supply chain reliability.

By promoting supplier verification and connecting customers with trusted testing partners,

Partstack helps businesses navigate these challenges, enabling them to secure their supply chains and maintain operational excellence.

About Partstack

Partstack, headquartered in Santa Clara, CA, is a digital semiconductor marketplace empowering engineers, manufacturers, and procurement professionals with a streamlined, data-driven approach to sourcing electronic components. With a comprehensive catalog of over 1.8 billion parts, Partstack integrates supplier verification and counterfeit mitigation into its platform, shaping the future of secure component sourcing.

For more information about Partstack's commitment to supplier verification and testing, visit Partstack's Testing & Verification Page.

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