Adura Revolutionizes Thermal Management in PCBs with Innovative InsertPAD™ Technology

CORONA, CA, USA, April 25, 2024 /EINPresswire.com/ -- Adura, a leading manufacturer of advanced PCB technologies for thermal management, is proud to announce the introduction of InsertPAD™ technology, a groundbreaking thermal management solution designed to meet the rigorous demands of industrial, automotive, medical, defense and aerospace markets.

Sumit Tomar CEO

"Adura is excited to introduce InsertPAD technology to the market, offering a transformative solution for thermal management in multi-layer, dual sided PCBs," said Sumit Tomar, CEO at Adura. "With its exceptional thermal conductivity and reliability, InsertPAD technology represents a significant advancement in electronic system design, enabling our customers to achieve superior performance and efficiency in their applications."

Thermal management is a critical consideration in the design and performance of electronic systems, particularly in high-power and high-temperature applications. Adura's InsertPAD technology addresses this challenge by enhancing heat dissipation and reliability in printed circuit boards (PCBs), offering unmatched performance and durability across a wide range of industries.

Key features and benefits of Adura's InsertPAD technology include:

Enhanced Thermal Conductivity - InsertPAD technology integrates advanced materials and construction techniques to significantly improve the thermal conductivity of PCBs, allowing for efficient heat dissipation and reduced operating temperatures.

Improved Reliability - By effectively managing thermal issues, InsertPAD technology enhances the reliability and longevity of electronic components, minimizing the risk of failure and downtime in critical applications.

Customizable Solutions - Adura offers customizable InsertPAD solutions tailored to meet the specific requirements of industrial, automotive, medical, defense and aerospace applications, ensuring optimal performance and compatibility with diverse system designs.

Versatility - InsertPAD technology is suitable for a wide range of PCB configurations, including single-sided, double-sided and multilayer boards, providing versatility and flexibility to accommodate various design specifications.

Adura's InsertPAD technology is ideal for a variety of applications, including power electronics, motor drives, LED lighting, medical devices, avionics and more. By leveraging InsertPAD technology, customers can optimize the performance, reliability and lifespan of their electronic systems while reducing overall costs and time-to-market.

For more information about InsertPAD technology and Adura's comprehensive range of PCB solutions, please visit adurasolutions.com or contact us at sales@adurasolutions.com.

Adura presents the new InsertPAD technology and a range of specialty thermal PCBs at the Del Mar Electronics Show in Del Mar, CA on April 24 and 25.

About Adura

Adura is a leading provider of advanced PCB & PCBA solutions, specializing in thermal management, high-power applications and customized PCB designs. With a commitment to innovation, quality and customer satisfaction, Adura delivers cutting-edge solutions to a diverse range of industries, including industrial, automotive, medical, defense and aerospace markets.

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