



FOR IMMEDIATE RELEASE: CONTACT: Rebecca O'Day, roday@qats.com

Press Release

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Pin and Slant Fin Heat Sinks Offer Economical Electronics Cooling

February 24, 2022 - Advanced Thermal Solutions, Inc. (ATS) is now providing Pin and Slant Fin heat sinks made from lightweight, extruded aluminum to provide low-cost cooling solutions for many hot PCB components.



Pin Fin sinks have a high efficiency design that harnesses cooling airflow from any direction. They reliably perform in spatially constrained PCB layouts where the airflow direction is variable. The pin fin field has low pressure drop characteristics for effective cooling in low airflow environments. The combined large surface areas of the pins and base increases overall heat sink performance.



Where space allows, taller and denser pin fin fields, with higher aspect ratios to their bases, further increase heat dissipating surfaces to provide even higher cooling performance.

For limited airflow situations in direction-specific applications, Slant Fin heat sinks provide substantial surface area, and therefore high cooling performance. The slanted fin field extends slightly beyond their base dimensions. Like with Pin Fin heat sinks, Slant Fin sinks are fabricated from single-piece extruded aluminum, which minimizes the thermal resistance from their base to their fins

Both Pin Fin and Slant Fin heat sinks are available for component sizes 10 x 10mm up to 60 x 60mm, and standard heights from 2 to 25mm.

Pin and Slant Fin heat sinks in all standard sizes can be attached with double-sided thermal tapes. Larger sinks can be further secured with clip-type hardware, including Z-clips, and ATS' proven maxiGRIP and superGRIP easily-installed attachment systems.

More information about these Pin Fin and Slant Fin heat sinks from ATS can be found at:

<https://www.qats.com/eShop.aspx?productGroup=0&group=eShop&q=Heat-Sinks>

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About Advanced Thermal Solutions

For more than 30 years, Advanced Thermal Solutions, Inc. (ATS) has been a global engineering and manufacturing company focused on the thermal management of electronics. Founded in 1989 as a consulting company, ATS today is a complete airflow filtration and thermal solutions provider. ATS provides a family of ultra-low temperature freezers and air cleansers for room-level air filtration to remove viruses, including COVID-19. ATS is also world-renowned for its portfolio of more than 5,000 high- and ultra-performance heat sinks. It provides industry-leading liquid cooling solutions, the broadest off-the-shelf line of heat pipes, expert consulting and design services, research-quality test equipment, and leading-edge R&D. ATS has a manufacturing center in the U.S. and strategic partnerships with global manufacturers to provide its global customers with complete thermal solutions ready to tackle the industry's toughest challenges. ATS is headquartered in Norwood, MA, about 30 minutes south of Boston. Learn more at <https://www.qats.com/> or email ats-hq@qats.com.