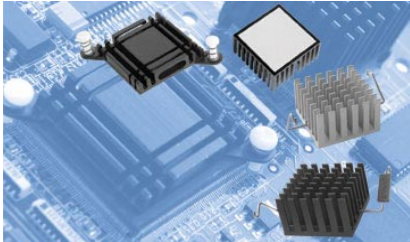




## Product Announcement

For Immediate Release



### **Aavid Thermalloy, LLC launches Industry's broadest line of Ball Grid Array heat sinks.**

**Concord, NH, USA, December 2, 2002** – Aavid Thermalloy LLC, a wholly owned subsidiary of Aavid Thermal Technologies, Inc. and the world leader in thermal solutions for cooling electronics, today announced the immediate availability of the most comprehensive line of Ball Grid Array (BGA) cooling solutions in the Industry. This new line of heat sinks is compatible with widely used semiconductor BGA packages and provides designers with an unmatched assortment of cooling capabilities and attachment methods.

Aavid Thermalloy's new BGA product line offers solutions for semiconductor devices varying in size from 10mm to 45mm square. Heat sink pin heights range from 6mm for low profile applications to 35mm in height covering an extensive range of power dissipation requirements. In addition, the product family features four methods to attach the heat sink to the BGA device: economical thermal tape, space saving push pins, clips that eliminate the need for PCB mounting holes and a new solder anchor with wire spring clip to allow quick "no tools required" assembly and rework. This selection of attachment alternatives coupled with thermal interface materials and finish options guarantees designers a solution that meets their specific application needs.

"Aavid Thermalloy's new family of BGA heat sinks offers tremendous flexibility in both attachment method and thermal performance," said Scott Martineau, Marketing Manager for Aavid Thermalloy. "Whether your problem is lack of space, excess power dissipation, or you simply need a rugged, low cost attachment method and "off the shelf" availability, Aavid Thermalloy has your solution"

### **Pricing and Availability**

Aavid Thermalloy's line of BGA heat sinks are currently available in sample and production quantities. Prices start at \$0.60 for OEM quantities of 10K and most models are in stock and available from Aavid Thermalloy's authorized distributors.

### **About Aavid Thermalloy, LCC.**

Aavid Thermalloy, LLC is the world's leading supplier of thermal management products, which include heat sinks, interface materials and attachment accessories, fan heat sinks, heat pipe assemblies, liquid cooling and phase change devices that are configured to meet customer specific needs. Aavid Thermalloy's products are used in an expanding number of computer, networking and industrial electronics applications, including computer systems (desktops, laptops, disk drives, printers and peripheral cards), network devices (servers, routers, set top boxes and local area networks), telecommunications equipment (wireless base stations, satellite stations and PBXs), instrumentation (semiconductor test equipment, medical equipment, and power supplies) transportation and motor drives (braking and traction systems) and consumer electronics (stereo systems and video games). More information on Aavid Thermalloy's products can be found at [www.aavidthermalloy.com](http://www.aavidthermalloy.com) .

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