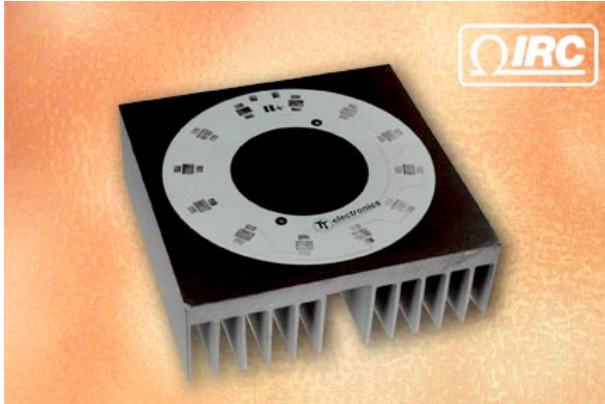


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*Anodized substrate technology withstands higher voltages, increases light output for LEDs...*

## **IRC'S ANOTHERM<sup>®</sup> PLUS PROVIDES THERMAL MANAGEMENT FOR LED AND SOLID STATE LIGHTING APPLICATIONS**

LAS VEGAS, NV (May 6, 2008) —Providing lighting system design engineers with an improved thermal solution for LED and solid state lighting systems, TT electronics IRC has enhanced their Anotherm<sup>®</sup> substrate technology with a thermally efficient glass dielectric material that withstands higher voltages, and enables increased light output for LEDs. Designated Anotherm<sup>®</sup> Plus, the anodized aluminum material enhances thermal management for power LEDs in applications such as gaming and vending machines, outdoor signage and display, aquarium lighting, emergency vehicle lighting, as well as architectural and general lighting.

“Compared to other metal core PC boards, the Anotherm<sup>®</sup> Plus substrates have improved adhesion and pull strength as well as higher dielectric strength, and provide more options for design engineers from a surface standpoint,” said Tom Morris, applications engineering manager for IRC’s Advanced Film Division. “The Anotherm<sup>®</sup> Plus material’s high thermal conductivity and low thermal resistance characteristics help increase the LEDs’ lifespan.”

**ANOTHERM<sup>®</sup> PLUS PROVIDES THERMAL MANAGEMENT FOR LED LIGHTING APPS, PG. 2**

The Anotherm<sup>®</sup> Plus technology consists of a highly thermally conductive aluminum alloy substrate, with a thermally conductive glass dielectric material that is printed directly onto the aluminum substrate, providing excellent thermal transfer for LED assemblies that are mounted directly onto the substrates.

For datasheets or more information on IRC's Anotherm<sup>®</sup> Plus technology, please access the Web site at [www.irctt.com/anotherm](http://www.irctt.com/anotherm). For additional information, please contact the TT electronics IRC Advanced Film Division Sales & Marketing Department at 361-992-7900; via mail at 4222 S. Staples St., Corpus Christi, TX 78411; or e-mail at [afdsales@irctt.com](mailto:afdsales@irctt.com).

IRC Inc. is a leading international manufacturer of advanced film, metal glaze and wirewound resistive products with facilities in Corpus Christi, Texas, Boone, N.C., Smithfield, N.C., and Barbados. IRC is part of TT electronics plc, a global electronics company manufacturing a broad range of advanced electronic components, assemblies and sensor modules for the automotive, telecommunications, computer and aerospace markets.

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***To request the electronic image, call 919-872-8172, or e-mail: [bgaddy@btbmarketing.com](mailto:bgaddy@btbmarketing.com)***

Keywords: TT electronics, IRC, Anotherm<sup>®</sup> Plus, LEDs, Solid State Lighting

URL: <http://www.irctt.com/anotherm>