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*Current sense devices available in variety of configurations, power ratings...*

## **IRC OFFERS BROADEST LINE OF CURRENT SENSE PRODUCTS IN THE INDUSTRY**

CORPUS CHRISTI, TX (April 17, 2008) — Providing design engineers with a comprehensive line of passive components, TT electronics IRC now offers the broadest range of current sense products in the industry. IRC's current sense product offering includes current sense resistors in ceramic flat chips, cylindrical surface mount chips, leaded and surface mount metal element devices, wirewound devices, as well as transistor-packaged high current resistors.

“By providing our customers with this broad range of high performance current sense devices, we are able to meet their needs for a multitude of applications, including mil/aero, telecom, industrial, commercial, consumer and white goods,” said Steve Wade, IRC's director of sales and marketing. “Our current sense product offering includes some of the industry's lowest resistance values, as well as some of the highest power ratings.”

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## **IRC OFFERS BROADEST LINE OF CURRENT SENSE PRODUCTS, PG. 2**

Included in IRC's current sense product offering are:

- Low resistance range ceramic chips in standard sizes – The LRC, LRF, LVC and LRF3W Series, with ohmic values down to  $0.003\Omega$  at power ratings to 3W.
- Cylindrical chip resistors – The CHP, CHP-1X and PPS-1 Series, with ohmic values down to  $0.1\Omega$  and power ratings to 2W.
- Metal element resistors – Available as surface mount chips (ULR Series), as well as open air resistors in surface mount (OARS, OARS-XP Series) and through-hole versions (OAR, OARS-XP Series); as well as a high current 4-terminal resistor (CSL Series) and traditional axial leaded devices (LOB Series). Ohmic values are down to  $0.00025\Omega$  with power ratings to 5W.
- Transistor packaged resistors – High power resistors are available in surface mount TO-263 packages (SMPH Series); as well as TO-126, TO-220, TO-247 and SOT-227 packages (MHP Series). Power ratings are to 600W, with ohmic values as low as  $0.01\Omega$ .
- Wirewound resistors – ceramic packaged power wirewound devices include standard axial leaded (LPW, PLO Series); 4-terminal devices (4LPW Series); vertical packaged devices (PWRL Series) and surface mount wirewounds (WA80Z and WSM Series). Ohmic values are down to  $0.001\Omega$  with power ratings up to 15W.

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### **IRC OFFERS BROADEST LINE OF CURRENT SENSE PRODUCTS, PG. 3**

IRC's current sense products are specified for use in a variety of applications including fuel-gauging and over-current detection, DC/DC converters, automotive electronics, power supplies, battery chargers and switching power supplies.

Please contact IRC for pricing and lead time information for each current sense product.

For datasheets or more information on IRC's comprehensive current sense product offering, please access the Web site at <http://www.irctt.com/products.aspx?frmCategory=22>. 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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URL: <http://www.irctt.com>