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## STACKPOLE'S CSR / CSRN SERIES OFFERS SMALL SIZE AND RELIABLE PERFORMANCE THAT IS COST EFFECTIVE

RALEIGH, NC (February 23, 2010) - Stackpole Electronics offers a wide range of current sensing products. From high-volume and low-cost thick film chips, to high power and precision of the metal-based resistive elements, Stackpole has the right solution no matter what the application requires.



The CSR / CSRN Series is available in chip sizes from 2512 and 1225 down to 0201. As portable electronic devices become smaller and more integrated, the need for small size current sense resistors becomes extremely important. The CSRN 1/8S is an 0402 chip capable of resistance values down to 20 milliohms.

Because the CSR / CSRN Series uses similar materials and production processes as most standard thick film chip resistors, the price of this product is much lower than comparable metal element products. Metal element current sense resistors are typically 10-50 times the cost of a standard thick film chip resistor. In applications where TCR is less important, thick film current sense chips provide a significant cost savings over metal element products, making them an outstanding choice for a wide variety of high volume applications.

The CSR / CSRN Series offers resistance values as low as 10 milliohms with TCR's ranging from 100ppm to 600ppm depending on size and resistance value. They are available on standard 7 inch tape and reel with certain sizes and resistance values available in 1000 piece reels. Pricing varies with size, tolerance, and resistance value. Contact

NAC for volume pricing.

For more information about Stackpole products, contact NAC at 10001 16<sup>th</sup> Street, St. Petersburg, FI 33716; phone (727)828-0187; email <u>kat.p@nacsemi.com</u>; or visit the Web site at <u>www.nacsemi.com</u>.

Stackpole Electronics Inc. is a leading global manufacturer of resistors supplying to the worlds largest OEMs, contract manufacturers and distributors. Headquartered in Raleigh, N.C., the privately held company began manufacturing in 1928 as part of Stackpole Carbon Company in St. Mary's, Pennsylvania. Now affiliated with Akahane Electronics, Stackpole has manufacturing facilities in Japan, Taiwan, China and Mexico; warehousing facilities in El Paso, Hong Kong and Japan; and sales offices in Tokyo, Hong Kong and Taiwan.