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TaNFilm® technology provides precision, stability, high-frequency...

MICROWAVE RESISTOR SAMPLE KITS NOW AVAILABLE FROM IRC

CORPUS CHRISTI, Texas (February 1, 2005) -- In response to demands of design engineers, TT electronics IRC Advanced Film Division has developed a sample kit of its ball grid termination arrays, attenuators and discrete terminators, which deliver high frequency performance in commercial and military communication systems, industrial equipment, medical systems and automotive assemblies. Typical applications include wireless applications such as satellite, radar and microwave data link, as well as cable television, set-top box, computer bus and high-speed router & switch backplane termination circuits.

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MICROWAVE RESISTOR SAMPLE KITS AVAILABLE FROM IRC, PG 2

“Our TaNFilm technology enables design engineers to incorporate ultra-stable resistors with high frequency characteristics for their high speed digital and microwave designs,” explained Kevin Palmer, Regional Sales Manager for IRC. “This kit gives them access to engineering samples for their prototype designs.”

IRC’s proprietary TaNFilm thinfilm tantalum nitride resistive process produces ultrastable self-passivating resistive elements with superior environmental performance, even in moist conditions, eliminating reliability issues that can arise with nichrome resistance elements under similar conditions.

The sample kit includes:

- A selection of 1206 thin film surface mount attenuators with attenuation values of 3dB, 6dB, 10dB and 20dB at 50Ω and 75Ω impedances. (PFC-A Series)
- Isolated and bussed BGA network terminators, which contain high-density networks on a reduced footprint. (CHC Series)
- High frequency resistor chip terminators, sizes 0603 and 0805, with absolute TCRs to $\pm 25\text{ppm}/^\circ\text{C}$ and values of 50Ω. (PFC-HF Series)

In addition to the standard values presented in datasheets and in the design kits, IRC will produce devices with custom specifications to meet customer requirements.

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MICROWAVE RESISTOR SAMPLE KITS AVAILABLE FROM IRC, PG 3

To request a free microwave resistor sample kit, or for more information on IRC's Microwave/RF products, 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; e-mail at afdsales@irett.com or visit the IRC Web site at www.irett.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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