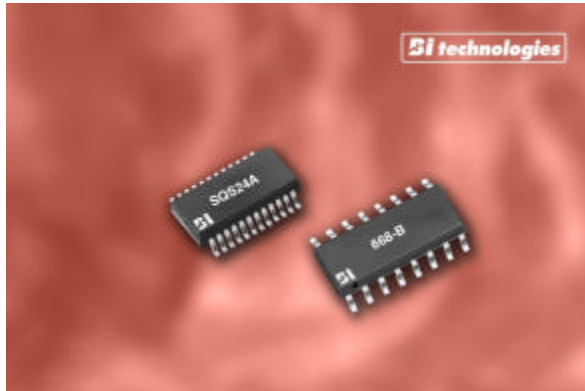


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Thin film resistor networks meet customer specific requirements...

BI TECHNOLOGIES OFFERS RESISTOR NETWORKS ON SILICON AND CERAMIC SUBSTRATES

LAS VEGAS, NV (May 6, 2008) – Providing design engineers with a variety of substrate materials to suit specific applications and requirements, TT electronics BI Technologies offers its thin film resistor networks on both silicon and ceramic substrates. The S Series precision resistor networks are constructed using a silicon substrate, while the Model 660 precision thin film networks utilize a ceramic substrate. Both families of thin film networks feature isolated and bussed circuits along with a unique passivation coating to eliminate moisture concerns.

“There are benefits to both ceramic and silicon substrates—while ceramic substrates feature superior electrical properties and long term stability, silicon substrates have more packaging options and a finer line width capability, yielding increased resistance per network,” said Mike Torres, fixed film product marketing manager for BI Technologies. “By offering resistor networks using each type of technology, we are better able to meet all of our customers specific application requirements.”

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BI OFFERS RESISTOR NETWORKS ON SILICON AND CERAMIC SUBSTRATES, PG. 2

Additional benefits for ceramic substrates include low electrical parasitic losses, low NRE/NRT costs and small minimum order quantities. The silicon substrates feature a lower cost in high order quantities.

Typical applications for the thin film resistor networks include instrumentation amplifiers, precision voltage dividers, precision analog circuits, measurement bridge and low noise circuitry, ladder networks and converter applications.

The S Series networks feature a resistance range from 1Kohm to 100Kohms for the isolated networks and 1Kohm to 30Kohms for the bussed networks. Ratio tolerance is less than $\pm 0.05\%$ with TCR tracking tolerances of less than $\pm 5\text{ppm}/^\circ\text{C}$. Operating temperature ranges from -55°C to $+125^\circ\text{C}$. For a copy of the datasheet, visit: http://www.bitechnologies.com/pdfs/s_series_datasheet.pdf.

The Model 664, 667 and 668 networks feature a resistance range of 1Kohm to 100Kohms.

Absolute tolerances at 25°C are to $\pm 0.1\%$ with TCR tracking to $\pm 5\text{ppm}/^\circ\text{C}$. Operating temperature ranges from -55°C to $+125^\circ\text{C}$. For a copy of the datasheet, visit:

<http://www.bitechnologies.com/pdfs/660.pdf>.

Typical pricing for the thin film resistor networks starts at \$0.75 each in quantities of 1000 pieces. Lead times are from 12 to 14 weeks.

For more information about BI Technologies' thin film resistor networks on silicon and ceramic substrates, contact BI Technologies at 714-447-2345, by fax at 714-388-0046; by mail at 4200 Bonita Place, Fullerton, CA 92835; or visit:

<http://www.bitechnologies.com/pdfs/NiCr%20Sales%20Aid.PDF>.

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BI OFFERS RESISTOR NETWORKS ON SILICON AND CERAMIC SUBSTRATES, PG. 3

BI Technologies has been an innovator and leader in electronic components for more than 50 years. The company is a global manufacturer of trimming and precision potentiometers, position sensors, turns-counting dials, chip resistor arrays, resistor networks, integrated passive networks, transformers, inductors, hybrid microelectronics and custom integration products for communication, computer, automotive and industrial applications.

BI Technologies serves a global customer base with manufacturing locations in the United States, Mexico, Scotland, Japan, China and Malaysia.

TT Electronics plc is a global electronics company manufacturing a broad range of advanced electronic components, assemblies and sensor modules for the automotive, industrial, telecommunication, computer and aerospace markets.

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To request the electronic image, call 919-872-8172, or e-mail: bgaddy@btbmarketing.com
Keywords: TT electronics, BI Technologies, thin film resistor networks, silicon, ceramic,
Model660, S SeriesPDF: <http://www.bitechnologies.com/pdfs/NiCr%20Sales%20Aid.PDF>