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SON (QFN) 6-pad voltage dividers are 40% smaller than voltage dividers in three-lead SOT23 packages…

BI TECHNOLOGIES' ULTRA STABLE PRECISION THIN FILM RESISTORS FEATURED IN PASSIVE VOLTAGE DIVIDER ENGINEERING SAMPLE KIT

FULLERTON, CA (November 11, 2009) – Providing design engineers with increased flexibility in circuit layout, TT Electronics BI Technologies now offers a passive voltage divider engineering sample kit. Designated SFN06VDKIT, the sample kits contain several different versions of the company's SFN Series voltage dividers, which feature two ultra-stable precision thin film resistors. Connected in series, the resistors are packaged in a SON (QFN) 6-pad package measuring 2mm^2 with a 0.65mm pitch – 40% smaller than voltage dividers in three-lead SOT23 packages.

"With the small package size and variety of resistance values available, the voltage divider sample kit provides design engineers with increased circuit layout flexibility, " said Mike Torres, fixed film product manager for BI Technologies. "Our customers can now prototype their designs to best meet specific voltage divider and gain setting circuits in military, aerospace, industrial, and medical applications."

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The SFN06VDKIT engineering sample kit contains eight voltage dividers, two each of the following part numbers:

- SFN06VD03CBQLF – SON 6-pad voltage divider with R1/R2 resistance values of 5KΩ/20KΩ;
- SFN06VD05CBQLF – SON 6-pad voltage divider with R1/R2 resistance values of 20KΩ/20KΩ;
- SFN06VD07CBQLF – SON 6-pad voltage divider with R1/R2 resistance values of 10KΩ/20KΩ;
- SFN06VD10CBQLF – SON 6-pad voltage divider with R1/R2 resistance values of 10KΩ/10KΩ.

All SFN Series voltage dividers feature absolute tolerance to ±0.25%, ratio tolerance to ±0.1%, TCRs to ±25ppm/°C and maximum TCR tracking to ±5ppm/°C. Custom circuits are also available upon request. The SFN Series voltage divider datasheet can be viewed at http://www.bitechnologies.com/pdfs/SS1_series_datasheet.pdf.

For a free SFN06VDKIT voltage divider sample kit, 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/SampleRqstContact.htm and enter SFN06VDKIT in the BI part number field along with your appropriate contact information.

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.

– 30 –

To request the electronic image, call 919-872-8172, or e-mail: beth.gaddy@btbmarketing.com
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URLs: www.bitechnologies.com/pdfs/ss1_series_datasheet.pdf;
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