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SOT-23 voltage dividers give design engineers flexibility in circuit layout...

BI TECHNOLOGIES OFFERS ROHS-COMPLIANT PRECISION RESISTIVE DIVIDERS IN FREE DESIGN KIT

FULLERTON, CA (April 16, 2007) – Engineering sample kits of a new RoHS-compliant SOT-23 precision voltage divider network is now available from TT electronics BI Technologies Electronic Components Division.

Designated the SS103KITLF, these divider networks consist of two ultra-stable nichrome thin film resistors on silicon substrates, connected in a series within a standard plastic SOT-23 three-lead package.

“These sample kits give design engineers access to RoHS-compliant devices to use in prototyping or in bread boarding new designs,” said Mike Torres, fixed film product manager for BI Technologies Electronic Components Division. “The small SOT-23-packaged dividers provide increased flexibility in circuit layout, since they can be placed virtually anywhere on the circuit board.”

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BI OFFERS ROHS-COMPLIANT VOLTAGE DIVIDER DESIGN KIT, PG. 2

The RoHS-compliant SOT-23 divider network sample kit includes:

- P/N SS103VD01DQLF7, SOT-23 voltage divider with 12.4K Ω /20K Ω resistance values (.62:1), absolute tolerance to 0.5%, ratio tolerance to 0.1%, TCRs of ± 25 ppm/ $^{\circ}$ C, and maximum TCR tracking of 5ppm/ $^{\circ}$ C;
- P/N SS103VD06CBQLF7, SOT-23 voltage divider with 11.3K Ω /101.7K Ω resistance values (1:9), absolute tolerance to 0.25%, ratio tolerance to 0.1%, TCRs of ± 25 ppm/ $^{\circ}$ C, and maximum TCR tracking of 5ppm/ $^{\circ}$ C;
- P/N SS103VD07FAQLF7, SOT-23 voltage divider with 10K Ω /20K Ω resistance values (1:2), absolute tolerance to 1.0%, ratio tolerance to 0.05%, TCRs of ± 25 ppm/ $^{\circ}$ C, and maximum TCR tracking of 5ppm/ $^{\circ}$ C.

BI Technologies will also produce devices outside these specifications to meet customer requirements.

The SOT-23 voltage divider networks are being specified for gain circuits in military, aerospace, industrial and medical applications.

For more information about the SOT-23 voltage dividers or to request a free RoHS-compliant sample kit, contact BI Technologies at 714-447-2518, by fax at 714-388-0046; by mail at 4200 Bonita Place, Fullerton, CA 92835; or visit:

http://www.bitechnologies.com/pdfs/SS1_series_datasheet.pdf.

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.

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BI OFFERS ROHS-COMPLIANT VOLTAGE DIVIDER DESIGN KIT, PG. 3

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, SOT23, Sample Kit, RoHS-Compliant

URL: <http://www.bitechnologies.com/products/passive.htm>