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CUSTOM

Panasonic

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iButton®  
Touch the Future!

HID

SignalQuest™  
Precision Motion Sensor

Telegesis

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NDK  
Crystal. Bridge to the Future.

GainSpan

## Motion sensors for detecting the slightest movement



The world's smallest with a built-in amplifier. Detects even slight motion of a person. Available in digital and analog outputs with adjustable sensitivity. Extremely compact. Ideal for use in miniaturized devices.

This sensor detects changes in infrared radiation which occur when there is movement by a person or object which is different in temperature from the surroundings. As this sensor detects temperature differences, it is well suited to detecting the motion of people by their body temperature. It has a wide sensing area.

Dual lens colors (white and black also available). Both digital output and analog output (with adjustable sensitivity) are available. Has a built-in amplifier, and can be connected directly to a microcomputer.

Fine motion detection capability within approximately 2 meters of sensor.

Read more at [Panasonic](#)  
or read more [here](#)

## CST Electronics acquires Bel Fuse as new agency



Bel Fuse Inc. produces high quality electronic components for the global market. An industry leader, Bel designs, manufactures and markets a range of products including DC/DC converters, transformers and connector modules, fuses and delay lines.

Bel products are widely specified for use in network applications (LAN/WAN), telecommunications, high-speed data transmission, computer and power supply applications, as well as consumer electronic markets. Bel helps make global connectivity a reality by manufacturing electronic components for the computer, networking, and telecommunication industries. Partnered with the leaders in these markets, they develop new products for emerging technologies that enable high speed communication.

Read more at [Belfuse](#)

## Telegesis gets into hot water



Zigbee gateway makes your meter smart. Electricity, Gas and Water meters are increasingly being designed with specialised interfaces to facilitate remote metering. If these meters are further connected to an IP network like the Internet, many new billing and energy usage measurement options are opened up to customers and energy suppliers.

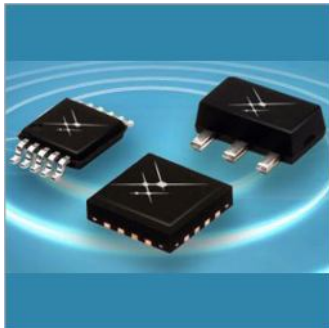
Monitoring and accurate accounting of utility consumption - whether electricity, gas, or water - is a strategically important task, affecting the economy of every country. TBN Energoservice is a Russian company that has specialised in metering and analysis of energy resource consumption for the past decade. TBN Energoservice offers its energy services to utility companies enabling their consumers to take an active role in energy saving programs by developing solutions to realise this aim.

Considerable TBN Energoservice company funds are invested in the development of Automatic Meter Reading (AMR) and Advanced Metering Infrastructure (AMI) systems using the latest technical developments.

Read more at [Telegesis](#)

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## Skyworks Solutions Inc, another new agency for CST Electronics



Skyworks Solutions, Inc. is an innovator of high reliability analog and mixed signal semiconductors. Leveraging core technologies, Skyworks offers diverse standard and custom linear products supporting automotive, broadband, cellular infrastructure, energy management, industrial, medical, military and mobile handset applications.

The Company's portfolio includes amplifiers, attenuators, detectors, diodes, directional couplers, front-end modules, hybrids, infrastructure RF subsystems, mixers/demodulators, phase shifters, PLLs/synthesizers/VCOs, power dividers/combiners, receivers, switches and technical ceramics. The thread of our quality system runs through business processes across the entire company-from manufacturing operations to the entire product lifecycle.

Read more at [Skyworks](#)

APPLICATION  
NOTES

### Reference Design for a 3S3P Rear Combination Lamp (RCL) LED Driver.

More: <http://www.maxim-ic.com/AN4266>



[www.cstelectronics.co.za](http://www.cstelectronics.co.za)