Future Electronics Launches Campaign Featuring Bosch Sensortec BMV080 Ultra Compact Particulate Matter Sensor

News-Press Release
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Summary
Future Electronics, a leading global distributor of electronic components, is pleased to introduce the Bosch Sensortec BMV080 particulate matter sensor, a breakthrough solution for real-time indoor air quality monitoring.

Message
Montreal, Canada (prsafeÂ) October 2, 2025 - Future Electronics, a leading global distributor of electronic components, is pleased to introduce the Bosch Sensortec BMV080 particulate matter sensor, a breakthrough solution for real-time indoor air quality monitoring. Engineered for precision and reliability, the BMV080 provides accurate PM2.5 measurements while also tracking PM1 and PM10 concentrations.
The BMV080 features a sensing element measuring only 3.3 x 3.0 x 3.0 mmÂ³, making it one of the smallest sensors of its kind. Its fanless design eliminates the risk of dust buildup and maintenance issues, ensuring long-term stability and seamless integration into compact devices.

Designed with ultra-compact lasers and integrated photodiodes, the BMV080 uses advanced algorithms to measure particulate matter directly in free space. This innovative approach delivers highly accurate data without the need for intrusive moving parts.

Ideal for smart home and building automation systems, the BMV080 can trigger automated responses when air quality thresholds are exceeded. Applications include air quality monitors, smart thermostats, HVAC and ventilation systems, air purifiers, and wearable devices.

Future Electronics provides full design support and global availability of the Bosch Sensortec BMV080, enabling engineers to create next-generation IoT solutions that promote healthier indoor environments.

For more information, visit the dedicated campaign landing page.

About Future Electronics

Founded in 1968, Future Electronics is a global leader in the electronic components industry. Future Electronics' award-winning customer service, global supply chain programs and industry-leading engineering design services have made the company a strategic partner of choice.

Headquartered in Montreal, Canada, Future Electronics operates in 159 offices across 44 countries with over 5,000 employees. Its worldwide presence powers the company's outstanding service and efficient, comprehensive global supply chain solutions. Future Electronics is globally integrated and supported by one IT infrastructure which provides real-time inventory availability and enables fully integrated operations, sales and marketing services worldwide. In 2024, Future became a WT Microelectronics company, now dual-headquartered in both Montreal, Canada and Taipei City, Taiwan.

Future Electronics' mission is always to Delight the CustomerÂ®. For more information visit www.FutureElectronics.com.

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Company Statements
Boilerplate 1

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