





SmartIndustrialâ,,¢ – Industrial Grade MEMS Sensors from TDK InvenSense

Description







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TDK's SmartIndustrialâ,,¢ **portfolio of 6-Axis IMU and 3-Axis Accelerometer** products delivers the precise motion, vi and inclination measurements that these applications need. These products offer the ability to take precise measurements in environments with vibration and wide temperature variations.

Industrial applications include precision agriculture, construction machinery, drones, automatic guided vehicles (AGVs), ro industrial motors. Motion sensor data has become critical in enabling automation, improving efficiency, and monitoring condition these industrial applications.

IIM-42351

The **IIM-42351** is a 3-axis accelerometer packaged in a small 2.5mm x 3mm x 0.91mm (14-pinLGA) package. The IIM-42351 multiple capabilities to enable easy, robust and accurate inertial and inclination measurements in Industrial applications.

IIM-42352

The **IIM-42352** is a 3-axis accelerometer packaged in a small 2.5 mm x 3 mm x 0.91 mm (14-pin LGA) package. The IIM-423 includes multiple capabilities to enable easy, robust and accurate inertial and vibration measurements in Industrial application

IIM-42652

The **IIM-42652** is a 6-axis SmartIndustrialâ,¢ MotionTracking device that supports an extended operating temperature range. 42652 combines a 3-axis gyroscope, and a 3- axis accelerometer in a small 2.5 mm x 3 mm x 0.91 mm (14-pin LGA) packag features a 2K-byte FIFO that can lower the traffic on the serial bus interface and reduce power consumption by allowing the sprocessor to burst read sensor data and then go into a low-power mode.

About TDK InvenSense

InvenSense, Inc, a TDK Group Company is part of the Sensor System Business Company within TDK and is the industry leading MEMS Motion, Audio, and Pressure Solutions for the consumer, industrial, automotive, and IoT market segments. TDK provious portfolio of MEMS 3/6/7/9 axis motion sensors, accompanied by the highest performing MEMS audio microphones, and sensors. TDK continues to push the boundaries of performance and quality; setting new standards of innovation across multi-industries.

About Component Distributors, Inc. (CDI)

Component Distributors, Inc. (CDI) is a value-added distributor of high-performance LED, Power, RF & Microwave, Wireless Sensor component technologies. CDI distributes globally and provides local application support and customer service across Americas.

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