

## Electronic Design's Top Accelerometer – KXTF9

Willow Technologies Limited ([www.willow.co.uk](http://www.willow.co.uk)) is delighted to announce that the Kionix KXTF9 tri-axis accelerometer with Directional Tap/Double-Tap™ is **the only accelerometer to appear in Electronic Design's annual ranking, The Top 101 Components List.**



“Compiling a list is often a matter of combining subjective judgments with objective data,” said Electronic Design’s Editor-in-Chief Joseph Desposito. The subjective judgment is applied to the list’s creation by Components Editor Mat Dirjish in selecting what he deems to be the best new products that come across his desk, two of which are selected each week to appear in Electronic Design’s Products of the Week e-newsletter. The objective judgment lies with e-newsletter readers who, in clicking a link for more product information, register their “votes,” which, according to Dirjish, “enables us to deduce which products were the most popular—the ones you were looking for most—over the past year.” The KXTF9’s Directional Tap/Double-Tap™ feature operates by the detection of a quick, light tap, or double tap, on any of the six faces of an object (X, Y and Z).

Martin Pearce, Marketing Director at Willow commented “Kionix Incorporated, are a global leader in the design and fabrication of high-performance, silicon micro-machined, MEMS inertial sensors, and this ranking reflects the market’s enthusiasm for the added value that Kionix products bring to novel user-interface methods in mobile electronics. Innovation through sensor integration is accelerating due to the added intelligence that Kionix provides in its products. Design teams recognize the outstanding benefits their accelerometers offer and end customers are fast realising the benefits too.”

Willow provide a ‘Getting started with the KXTF9’ Application note to assist engineers in understanding the product’s embedded features and navigating through the details of the KXTF9 technical specifications. The embedded algorithms allow the accelerometer to discern a single or double tap and the direction from which the tap originated. These 12 taps/double taps can be used by customers as user-interface commands to enable certain features on their electronic products.

### Editor Information

Founded in 1989, Willow Technologies is located in Lingfield, Surrey, UK. We provide electronic solutions to customers by designing, manufacturing and supplying components and systems globally to the electrical and electronic marketplace. Specialists in switching, sensing, resistive and hermetic seal solutions we have a wide portfolio of sensing technologies and over 60 years of application experience. Our in-house engineering capability and rapid prototyping facility for custom parts enable us to develop products to match specific application requirements. Willow is ISO9001:2000 registered.

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