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London, 27 September 2016

element14 leads self powered internet of things with launch of new Switch Design Kit developed with EnOcean and 3YOURMIND

Kit enables first consumer application of 3D printing and energy harvesting for self powered IoT



[element14](#) is now stocking the EnOcean Switch Design Kit, developed in collaboration with element14 and 3YOURMIND, the online portal for accessing professional 3D print services. The kit allows users to create a customizable switch, based on design data provided by EnOcean.

The EnOcean Switch Design Kit is an out-of-the-box, IoT ready kit that is flexible and cost effective. It allows an entry point to revolutionary technology for experimentation and prototype applications by innovators from business or the maker community.

The design utilizes energy harvesting technology, removing most of the design and application barriers to allow for rapid deployment of the concept and technology. Energy harvesting technology uses energy from movement, light and temperature to power sensors and radio communications with ambient energy.

For the maker market, this represents a significant opportunity. Rather than managing complex wiring within designs, the self-powered device from EnOcean can simply be placed into an existing installation. The switch application enables flexible lighting control in places without cables. Switches can easily be added where they are needed, for example, next to a bed, and the partnership with 3YOURMIND, means that switches can

designed to seamlessly integrate into the end design, without the 'made by hand' look.

The EnOcean Switch Design Kit is available from Farnell element14 in the [UK](#) and mainland Europe. 3D Printed components can be directly ordered from [3YOURMIND](#).

You can read more about the EnOcean Switch Design Kit on the [element14 community](#) and element14 design center.

Boilerplate

About the Premier Farnell Group

[Premier Farnell plc](#) (LSE:pfl) is a global leader in high service distribution of technology products and solutions for electronic system design, production, maintenance and repair. Trading as [Farnell element14](#) in Europe, [Newark element14](#) in North America and [element14](#) across Asia Pacific, it had sales last year of £982.7m, the Group is supported by a global supply chain of more than 3,000 suppliers and an inventory profile developed to anticipate and meet its customers' needs.

Premier Farnell works to bring to market development kits in a variety of applications, enabling it to support the customer from design concept through to production.

The latest products, software, services and solutions from trusted supplier partners are all available through 43 local language transactional websites. The element14 [Community](#) allows buyers and engineers to access a wide range of independent technical information, tools and the latest resources and the [Design Center](#) enables design engineers to compare kits from the world's greatest range of development tools.

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More than 4,500 employees

More than 3,000 leading suppliers

More than 600,000 products stocked with access to over four million more on demand

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