**Farnell element14 ships new MathWorks “Learn to Program” Packs for Raspberry Pi3, Arduino Uno and BeagleBone Black**

*New editions of the popular software for students and professionals to get started with hardware projects*

**LONDON, 13 October 2016:** [Farnell element14](http://uk.farnell.com/)is now stocking three new editions of the popular MathWorks Learn to Program pack, for the Raspberry Pi3, Arduino Uno and BeagleBone Black. The packs provide access to all the necessary hardware and software to get started including the board and MATLAB and Simulink Student Suite.

The MathWorks Learn to Program pack enables students and professionals to:

* Read and write sensor data from hardware and analyze it using pre-built functions for signal processing, machine learning, image processing, and more
* Develop algorithms using an intuitive block diagram environment and run them standalone on hardware
* Simulate algorithms and overall system behaviors, and interactively tune and optimize parameters as the algorithm runs on the hardware

The MATLAB and Simulink Student Suite is comprised of [MATLAB](http://www.mathworks.com/products/matlab/), [Simulink](http://www.mathworks.com/products/simulink/) and 10 add-on products that can be used for applications related to controls, signal analysis, test, measurements and more. The pack also includes a Quick Start Guide to help users get building something fun straight away – from a temperature display to a face detection system.

MathWorks Learn to Program pack allow students to build hardware projects using the same tools engineers and scientists use every day.

MathWorks Learn to Program packs are available from [Farnell element14](http://www.element14.com/simulink) in Europe and Newark element14 in the United States.

**Ends**

**Notes to Editors**

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[Premier Farnell plc](http://www.premierfarnell.com/) (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](http://uk.farnell.com/) in Europe, [Newark element14](http://www.newark.com/) in North America and [element14](http://sg.element14.com/) 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.

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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](http://www.element14.com/community/welcome) allows buyers and engineers to access a wide range of independent technical information, tools and the latest resources and the [Design Center](http://www.element14.com/community/community/designcenter?ICID=menubar_designcenter) enables design engineers to compare kits from the world’s greatest range of development tools.

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