

## **Tektronix Provides Raspberry Pi with Measurement Solutions to Test and Develop Current and Next Generation High Speed Interfaces**

### **23 GHz Mixed Signal Oscilloscope and 25GS/s Arbitrary Waveform Generators Help Raspberry Pi to Test HDMI, MIPI and USB Interfaces**

BRACKNELL, United Kingdom, March 20, 2017 /[PRNewswire](#)/ -- Tektronix, Inc., a leading worldwide provider of measurement solutions, today announced it will fully outfit the Research and Development (R&D) lab for Raspberry Pi, a low-cost, high performance computer designer with the latest Tektronix high-speed test solutions. Raspberry Pi's new laboratory will focus on high speed serial design and validation testing. The new test equipment from Tektronix delivers on their needs today while also ensuring enough bandwidth to support any future high speed interfaces that would require the highest performance instrumentation.

To support such high speed and complex validation testing, the lab will be equipped with the most powerful mixed signal test solutions available in the industry. End-to-end transmit and receive test solutions in the lab will include a Tektronix [AWG70002A](#) 25GS/s Arbitrary Waveform Generator and an [MSO72304DX](#) 23GHz Mixed Signal Real Time Oscilloscope.

"The humble Raspberry Pi actually contains a number of complex, high-speed serial buses, each with their own unique challenges. Interfaces like HDMI, USB and MIPI DPHY each use very different test methodologies," said Mike Stimson, Principle Hardware Engineer at Raspberry Pi. "Tektronix has helped us put together a capability which not only allows us to quickly and easily test each one, but will enable us to be ready for whatever the Raspberry Pi of the future may hold."

"Tektronix' goal is to eliminate the barriers between inspiration and realization of world-changing technologies. We are delighted to work with Raspberry Pi to bring the digital world to the whole world," said Dave Farrell, Vice President Commercial Operations Europe, Middle East and Africa at Tektronix. "Next generation digital interface standards and increasingly complex test requirements are pushing the limits of today's compliance and debug tools. This partnership and the solution provided will ensure that Raspberry Pi are able to continue to play a key role in shaping the digital world now and in the future. We can't wait to see the exciting technologies this partnership will enable among the extensive Raspberry Pi community."

#### **About Raspberry Pi**

The Raspberry Pi Foundation works to put the power of digital making into the hands of people all over the world, so they are capable of understanding and shaping our increasingly digital world, able to solve the problems that matter to them, and equipped for the jobs of the future.

We provide low-cost, high-performance computers that people use to learn, solve problems and have fun. We provide outreach and education to help more people access computing and digital making. We develop free resources to help people learn about computing and how to make things with computers, and train educators who can guide other people to learn.

#### **About Tektronix**

Headquartered in Beaverton, Oregon, Tektronix delivers innovative, precise and easy-to-operate test, measurement and monitoring solutions that solve problems, unlock insights and drive discovery. Tektronix has been at the forefront of the digital age for over 70 years. Join us on the journey of innovation at [TEK.COM](#).

**Wondering what else Tektronix is up to?** Check out the Tektronix [Bandwidth Banter blog](#) and stay up to date on the latest news from Tektronix on [Twitter](#) and [Facebook](#).

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