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Analog Devices Partners with FIRST® to Support Next Generation of Problem Solvers and Innovators

NORWOOD, Mass.--(BUSINESS WIRE)-- *FIRST*® Robotics Competition kicked off its 2016 season with Analog Devices, Inc. (ADI) as a proud supporter. More than 75,000 high school students worldwide are working with adult mentors for six weeks to design, build, program, and test robots in the 2016 *FIRST STRONGHOLD*SM competition. ADI provides students with not only the sensors used in robots for motion and balance, but also tools to make data acquisition and signal generation easy. In addition, ADI employees volunteer with *FIRST* as mentors, judges and coaches. ADI has also set up a webpage for students to learn more about how to use ADI components in their robots: <http://www.analog.com/FIRST>. *FIRST* is a not-for-profit organization founded by inventor Dean Kamen to inspire young people's interest and participation in science and technology.

This Smart News Release features multimedia. View the full release here:

<http://www.businesswire.com/news/home/20160121005008/en/>

- Learn more about the *FIRST* Robotics Competition and 2016 season and ADI's support:

<http://www.analog.com/FIRST>

- Follow *FIRST* student alumna, Kristen Villemez, along her path from *FIRST* participant to ADI engineer:

<http://www.analog.com/journey-first-robotics>

"ADI has a long history of supporting STEM education and is excited to be a partner in the 2016 *FIRST* Robotics Competition season," said Vincent Roche, president and CEO, Analog Devices. "From mentorship opportunities, to ongoing financial assistance, to supplying technology, Analog Devices is proud to further expand our support of the *FIRST* Robotics Competition and empower tomorrow's innovation leaders to create solutions and opportunities that make a positive impact on people's lives and the world around us."

This year ADI is donating, for inclusion in the *FIRST* student kit of parts, an easy to use tool that simplifies code debugging and introduces the fundamentals of electrical engineering. The company is also providing an ADI gyroscope board that enables precise measurement of motion and rotation to help students' robots better navigate the field. Additionally, ADI is providing an inertial measurement unit that packs gyroscopes, accelerometers, a barometer, and a magnetometer into a small and robust housing designed for robotics.

"We appreciate the continuous support Analog Devices has shown *FIRST* over the years," said Donald E. Bossi, president, *FIRST*. "As a world leader in technical innovation, Analog Devices has a rich legacy of discoveries and can help inspire and guide the next generation of technology innovators."

At the recent *FIRST* Kickoff, teams were shown the *FIRST STRONGHOLD* game field and challenge details for the first time. Once these young inventors build a robot, their teams will participate in one or more of the 118 Regional and District events that measure the effectiveness of each robot, the power of collaboration, and the determination of students. In *FIRST STRONGHOLD*, two Alliances of three robots each are on a Quest to breach their opponents' fortifications, weaken their tower with boulders, and capture the opposing tower. Robots score points by breaching opponents' defenses and scoring boulders through goals in the opposing tower. In the final 20 seconds of the Quest, robots may surround and scale the opposing tower to capture it.

About *FIRST*®

Accomplished inventor Dean Kamen founded *FIRST*® (For Inspiration and Recognition of Science and Technology) in 1989 to inspire an appreciation of science and technology in young people. Based in Manchester, N.H., *FIRST* designs accessible, innovative programs to build self-confidence, knowledge, and life skills while motivating young people to pursue opportunities in science, technology, and engineering. With support from over 200 of the Fortune 500 companies and more than \$25 million in college scholarships, the not-for-profit organization hosts the *FIRST*® Robotics Competition for students in Grades 9-12; *FIRST*® Tech Challenge for Grades 7-12; *FIRST*® LEGO® League for Grades 4-8; and *FIRST*® LEGO® League Jr. for Grades K-3. Gracious Professionalism® is a way of doing things that encourages high-quality work,

emphasizes the value of others, and respects individuals and the community. To learn more about *FIRST*, go to www.firstinspires.org.

About Analog Devices, Inc.

Analog Devices (NASDAQ: ADI) designs and manufactures semiconductor products and solutions. We enable our customers to interpret the world around us by intelligently bridging the physical and digital with unmatched technologies that sense, measure and connect. Visit <http://www.analog.com>.

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