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Parallax Sees Early Success with Multicore C Robot *A Robot for Every Student*

Rocklin, CA – Parallax Inc., a leading microcontroller and robotics company, recently launched the ActivityBot, a multicore C robot for education and hobbyists. Built on the proven success of the Boe-Bot robot, which has been used in schools around the world, the new robot is already seeing success both domestically and abroad. The competitively-priced robot allows teachers to outfit their entire class, providing a robot to each student. With their own robot, students can learn at their own pace as they build, program, and experiment with sensors. The hands-on robots make circuit building programming, and learning robotic navigation, engaging for students of all levels.

RobotC China, Parallax's Chinese distributor, is an early adopter of the new robot and recently showed it off at a robotics exhibition to thousands in Xi'an, China. "The new ActivityBot is a complete system that we will use in China to inspire students to learn multicore embedded programming, mechanical control, and electronics. The curriculum is easy to follow and expandable for our classroom competitions. Next semester we expect 4,000 students in the Shaanxi Province will use this in their engineering courses," said Terry Sy, Founder Robot C Xi'an China.

The ActivityBot features the Propeller chip, the company's own custom 8-core microprocessor. This multicore chip allows the robot to be programmed to run multiple tasks in parallel, providing seamless processing capabilities. In addition to the robust processor, the robot also features custom high-speed servos and digital encoders for quick and precise maneuvering. This robot provides an ideal platform for learning to program multicore in C as well as experiment with the fundamentals of robotic control and navigation.

Like other core Parallax products, the ActivityBot is supported by a wealth of online resources, including detailed tutorials, ideal for both education and self-guided learning. The SimpleIDE programming tool, a component of the Propeller C Learning System, contains simplified C libraries to streamline the programming process, while still allowing the option for deeper code exploration.

Parallax has been committed to supporting the educational market for over 15 years. In addition to hosting free training seminars for teachers looking to become more familiar with electronics education, Parallax also offers free samples of the new robot to qualified educators.

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About Parallax:

Parallax designs and manufactures microcontroller development tools and small single-board computers as well as a vast array of products including project boards, robotics kits, educational tools, and sensors. Parallax is dedicated to providing the electronics industry with products that are technically innovative, unique, and economical while staying committed to thoughtful, creative design and quality workmanship. Parallax Inc. is a privately held company located in Rocklin, California.

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