Gumstix, Inc. Simplifies Mobile Robotic Development with
New TurtleCore™ Expansion Board

TurtleCore Eliminates Need for Netbook When Developing Robots on iRobot Create® Platform

San Jose, Calif. – June 6, 2012 – Gumstix, Inc., the premier provider of tiny computers-on-module (COM) and expansion boards for professional design engineers and hobbyists, today introduced the TurtleCore, a new, low-cost expansion board that will enable robotics enthusiasts to build robots easily and cost-effectively using the iRobot Create Platform. The TurtleCore expansion board, in combination with a Gumstix Overo® or Overo STORM series COM, integrates directly into the iRobot Create, eliminating the need for a netbook to operate the mobile robot or interface with camera inputs.

"The iRobot Create is an exceptional platform for mobile robotics, and we believe our small COMs and expansion boards are ideal for the Create's unique form factor," said W. Gordon Kruberg, M.D., president and CEO of Gumstix. "By providing a platform for the Robotic Operating System from Willow Garage that can fit inside and be powered by the Create, we hope Gumstix gives roboticists the flexibility to achieve greater performance with their robots at a lower cost and in a smaller package than has previously been possible."

The TurtleCore expansion board connects directly to the Create via DB25 port, drawing power for and providing control to an Overo COM. This fully-functional computer includes three USB 2.0 Ports and has a form factor tailored specifically for the Create - where alternative computing platforms will not fit.

The TurtleCore expansion board offers several advantages to Create® developers:

- Fits in the cargo bay of an iRobot Create® Programmable Robot with room to spare for sensors, a bigger battery, or even additional COMs.
- Draws power for the COM directly from the Create® so there is only one battery to charge. The inherent low power requirement of Overo and Overo STORM COMs coupled with software control of the Create® power system ensures maximum range.
- Three USB ports and two breakout headers for useful signals from the Create® and the Gumstix COM simplify the addition of sensors and actuators. Also includes standoffs and screws for secure mounting.

The TurtleCore expansion board retails for $89, and, along with the Overo or Overo STORM COMs, can be purchased directly from Gumstix website.

About Gumstix, Inc.
Founded in 2003, Gumstix is a premier provider of small computer-on-modules (COM) and expansion boards for professional electrical design engineers and hobbyists in more than 40

countries around the world. Gumstix's commitment to its open designs result in less internal development time and a faster time to market for products. For more information, visit gumstix.com.

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