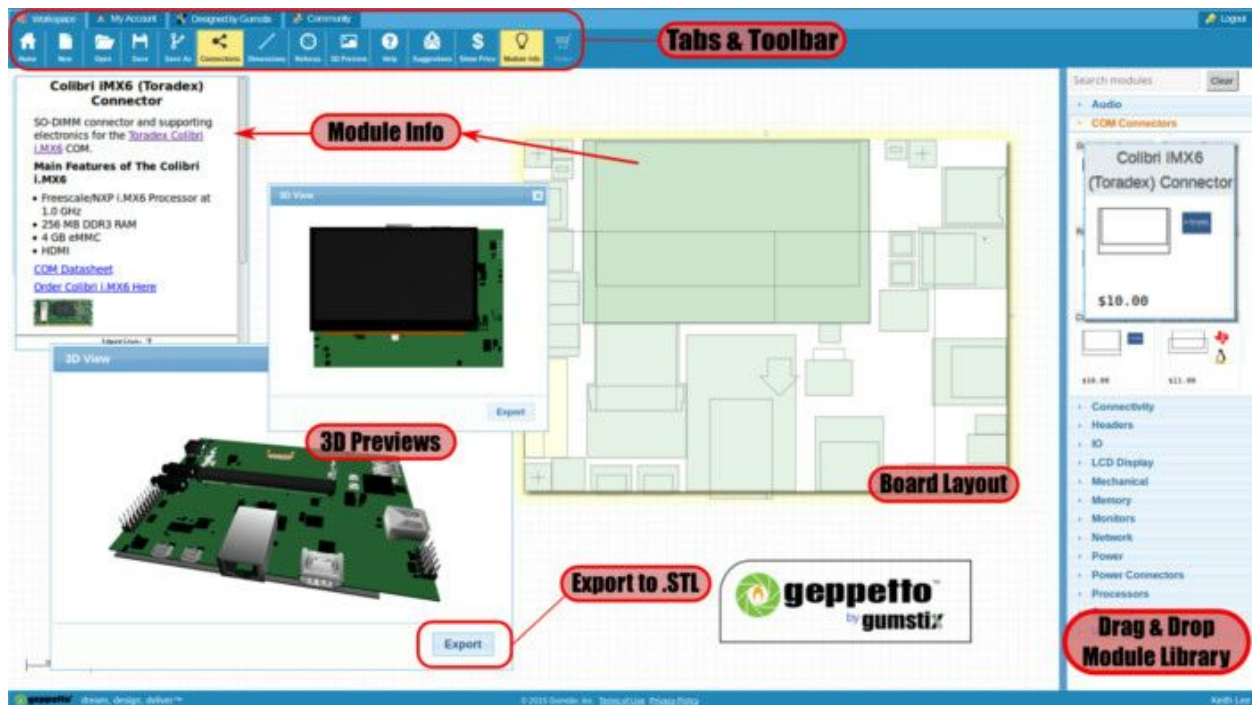# Toradex Inc. Partners with Gumstix® for Online Design-to-Order Service

Geppetto® D2O Custom Development Boards Available for Colibri iMX6 series COMs


REDWOOD CITY, Calif. April 6th, 2016 — Gumstix®, Inc., the leader in design-to-order embedded systems, today announced a partnership with Toradex Inc. to provide support for Toradex Colibri iMX6 Computer-on-Modules (COMs) in Geppetto® Design-to-Order (D2O) platform created by Gumstix® engineers. Using Geppetto® D2O, customers can rapidly design and manufacture small form-factor boards tailored to the Colibri iMX6 series of COMs powered by the ARM Cortex-A9 family of CPUs, including the NXP/Freescale i.MX 6, i.MX 6 DualLite or i.MX 6 solo processors.

Toradex Inc., located in Seattle WA, is the North America office of the Swiss Toradex brand which specializes in scalable embedded computing solutions and manufactures a wide range of pin-compatible SOMs. The Colibri iMX6 comes with an ensemble of features and interfaces, including UART, I2C, SPI, CAN and many GPIOs, support for USB 2.0, Ethernet, RGB and HDMI. Colibri modules are being used in a variety of different applications, including in medical devices, industrial automation and robotics.

"Gumstix's Geppetto design-to-order carrier board service is a great addition to the Colibri ecosystem. Easy to use, yet powerful, the Geppetto online design tool provides readily available interface libraries and reference designs also include wireless connectivity options - a much needed feature for today's IoT applications and with increasingly complex requirements. Toradex looks forward to the new partnership with Gumstix and we are excited for our customers who can now create customized carrier boards for Colibri SOMs with the click of a button", states Samuel Imgrueth, CEO of Toradex Inc.

Using Geppetto® D2O from the comfort of their browser, customers can clone the Gumstix® Colibri iMX6 dev board into their Geppetto® D2O workspace and drag-and-drop hardware modules on to it to jumpstart their design or they can custom build an expansion board for the Colibri iMX6 from scratch.
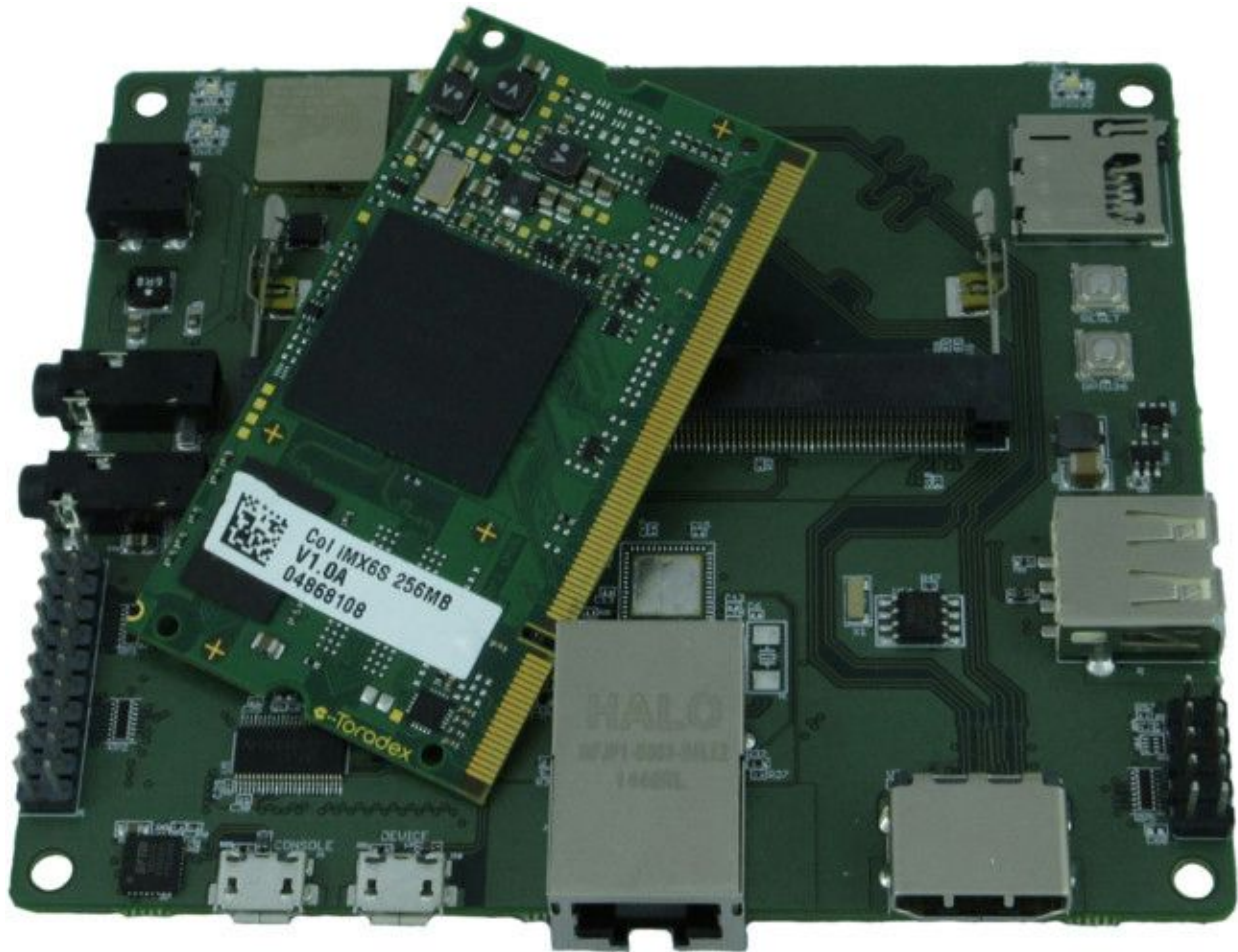
The Gumstix Colibri i.MX6 Dev Board is a multifunctional testing platform for the Toradex Colibri i.MX6 SOM with a wide array of multimedia I/O as well as GPIO, SPI and I2C headers.

"The integration of the Colibri COM into Geppetto® D2O provides Toradex customers a new path to create customizable expansion boards to power their latest software innovations," says Gordon Kruberg, Gumstix CEO, "with Geppetto® D2O, the entire path from concept to manufacturing can be completed online in one design session."

The Gumstix development board for the Toradex Colibri (iMX6) COM designed in Geppetto® D2O provides connections for Ethernet, USB and multimedia devices as well as a bootable microSD card slot. The multimedia connections include: HDMI header, a 4.3" Newhaven resistive touch screen connector and audio input and output headers. The dev board also supports WiFi and BT wireless connectivity, includes a real-time clock and GPIO inputs and outputs on headers.

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About Gumstix, Inc.
As a global leader in design-to-order hardware and manufacturing solutions. Gumstix® gives its customers the power to solve their electronic design challenges with Geppetto® D2O -- the online design-to-order system-- and a broad portfolio of small computers and embedded boards. In addition to engineers and industrial designers, Gumstix® helps students, educators, and makers unlock their creative ideas to bring them to market. Since pioneering the concept of an extremely small computer-on-module (COM) with a full implementation of Linux in 2003, the company has grown to support over 20,000 diverse customers. Our systems have launched some of the world's coolest products - from phones to drones - on commercial, university, and hobbyist workbenches in over 45 countries. For more information, visit www.gumstix.com

About Toradex
Toradex offers ARM®-based System on Modules (SOMs) and Customized Single Board Computers (SBCs) for embedded applications. Powered by NXP®/Freescale i.MX 6, i.MX 7 &

Vybrid, and [NVIDIA](#) Tegra 2, Tegra 3 and Tegra K1 processors, the pin-compatible SOMs offer scalability in terms of price, performance and available features.

Toradex products are used in a wide range of applications including Medical, Laboratory and Test Equipment, Industrial Automation, Robotics, Defense, etc. With its worldwide presence, Toradex has local warehouses and support offices across the globe with its U.S. office located in Seattle, WA. For more information, visit https://www.toradex.com