

Electronic Design Direct From Requirement List, Turning EDA Upside Down

Board Builder lets software and industrial engineers specify what they need built for their unique application, then builds it and a 3D preview instantly.

REDWOOD CITY, CA, USA, November 7, 2018 /EINPresswire.com/ -- Gumstix®, Inc. announced the release of <u>Board</u> <u>Builder</u>, another free service in the <u>Geppetto</u>® Design-To-Order CAD tool.

With Board Builder, you can select items from a checklist, including computer-on-modules, memory, network, sensors, audio, USB, and other features. You can then select a custom size, and you're presented with 3D views of board diagrams for review. Suggestions for power requirements are made based upon design.

| Choose COM or Processor | Image: Constraint of the state Image: Constraint of the state Image: Constraint of the state Image: Constraint of the state Image: Constraint of the state Image: Constraint of the state |
|-------------------------------------|---|
| 🛛 🍑 Raspberry Pi Compute Module | Rep nice woode into valuous valuous ballots ballots valuate |
| 🛛 👹 Raspberry Pi CM3-Lite Connector | |
| 🛛 🐒 Gumstix - Overo COM Connector | Choose your functionality O Your board will contain: |
| 💿 🐒 Gumstix - DuoVero COM Conn | COM or Processor |
| Microchip ATmega32U4 | Raspberry Pi CM3-Lite Connector x Raspberry Pi CM3-Lite Connector × |
| ATSAMW25 M0+WiFi | Ambient Temperature Sensor × |
| 😋 🖅 ST Micro Cortex-M4 | TE MS5611 Barometer × |
| 📀 🦊 TI Sitara AM3354 | Humidity Sensor × microSD slot × |
| 🖸 👆 TI Sitara AM4378 | Sensors microSD slot × Ambient Temperature Sensor × USB-Ethernet Module with Hub × |
| 96Boards CE Connector | TE MS5611 Barometer x Standard-A Jack x |
| 96Boards IoT Connector | Audio |
| Search Q | Start Build |
| 0 | Memory Start Build |
| | After board is designed, Geppetto will |
| | Network suggest power sources for your board. |
| | USB-Ethernet Module with Hub x |
| | USB |
| | Standard-A Jack x |
| 0 mm | Other |
| | |
| | Board size (mm) Width (Auto) Height (Auto) |
| | |
| | Add Mounting Holes (x4)? |
| | 2.2mm 2.9mm 3.5mm |

Select your processor and Board Builder guides your function selection by compatibility.

Board Builder Quick Start

Gumstix will continue to expand module selection and support for new platforms in the Geppetto libraries. Once the board is created, free Automated Board Support Package (AutoBSP), technical documentation (AutoDoc) and 3D previews can be instantly downloaded to anyone

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Board Builder is a painless, and rather addictive way to do hardware prototyping sort of a Candy Crush." *Eric Brown, Editor, LinuxGizmos.com* who designs a hardware device with the Geppetto Board Builder UI.

"Pick your estimate, but there will be billions of new IoT devices manufactured over the next decade," says Gordon Kruberg, CEO of Gumstix, "There are countless startups writing code for them already. But someone has to design and build them so they meet the specific format and functional requirements of these new applications. Board Builder simplifies hardware for any level of user "

Geppetto® D2O, is a free online design and production tool for creating custom expansion boards. A hardware design can be completed in hours, and ready to ship in fifteen business days. As they design, users can compare alternatives for features and costs, create multiple projects, and go straight from a design to an order in one session. Gumstix engineers verify all Geppetto-manufactured devices before shipping. The initial total manufacturing cost is \$1999 with reduced rates for quantity discounts and repeat board spins. Gumstix products and quantity discounts are available at the Gumstix online store.

Gumstix, Inc. For more information, visit <u>www.gumstix.com</u>.

This press release can be viewed online at: http://www.einpresswire.com

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