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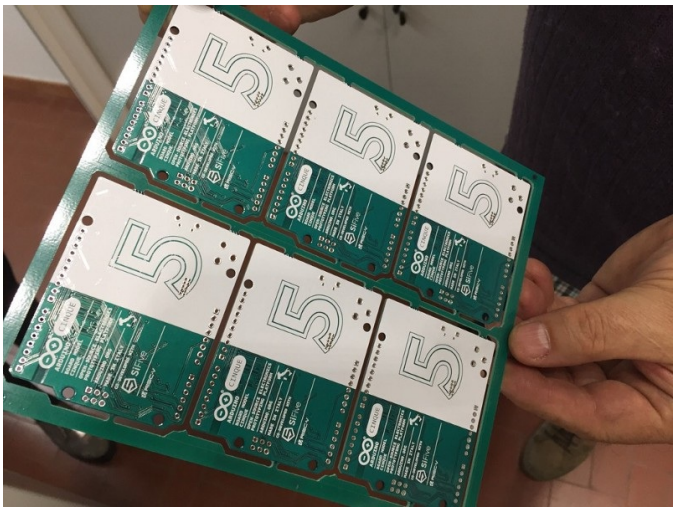
SiFive Unveils the First RISC-V-Based Arduino

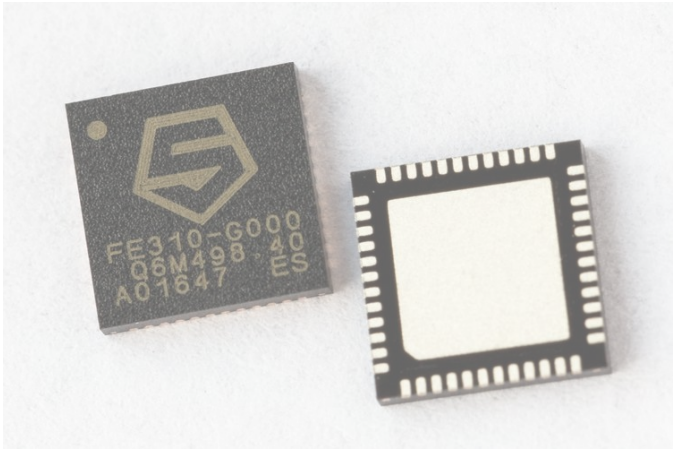
In their quest to democratize access to custom silicon, SiFive has announced the very first RISC-V-based Arduino just hours before the start of Maker Faire Bay Area 2017.



The Arduino Cinque first appeared during last week's Hackaday Hack Chat. (: Tenaya Hurst)

While details are a bit scarce at the moment, what we do know is that the aptly named "Arduino Cinque" is based on SiFive's Freedom E310—the industry's first commercially available RISC-V core—running at 320MHz. Aside from the SoC, an onboard ESP32 chip provides support for 2.4GHz Wi-Fi and Bluetooth.

> *"By partnering with a pioneer in open source hardware, SiFive can further advance the progress of open custom silicon among Makers, system designers and everyone else in between… We look forward to seeing the community's reaction to the Arduino Cinque board, and believe that the Arduino concepts of openness and distribution mean that more people than ever will be exposed to RISC-V," said Jack Kang, SiFive's VP of Product & Business Development.*



> *"Using an open source chip built on top of RISC-V is the natural evolution of open source hardware, and the Arduino*

> *Cinque has the ability to put powerful SiFive silicon into the hands of makers around the world," adds Maker Media's Dale Dougherty.*

The first Cinque prototypes are expected be on display at Maker Faire inside the Arduino booth, while its team will take the Maker Pro stage to share more details on Saturday! We certainly forward to learning more about this impressive piece of OSHW over the weekend…