Open Hardware and Devices With GNU/Linux

By Roy Schestowitz
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  [Gui Cavalcanti], whose name you might recognize from MegaBots, got on a call with a medical professional in San Francisco and talked about respirators. The question being, can we design and deploy an open source version in time to help people?

  Unnerving reports from Italy show that when the virus hits the susceptible population groups the device that becomes the decider between life and death is a ventilator. Unfortunately they are in short supply.

- An RF Engineer's FPGA Learning Journey [5]
  
  [KF5N] admits he?s not a digital design engineer; he?s more into the analog RF side of things. But he?s recently taken on a project to communicate between a Ubuntu box and an Intel MAX10 FPGA. He did a presentation at a recent ham radio convention about what he?d learned and how you could get started.
The company only mentions support for Windows 10 operating system, but I assume Linux should also work on the board depending on drivers? support.

Late last year, ITEAD launched Sonoff Micro WiFi USB switch that allows you to turn on and off USB powered devices over WiFi using eWelink app for Android or iOS. It integrates with Amazon Alexas and Google Home, and does the job, but people who like to use the open-source Tasmota firmware will be disappointed to learn it's not based on ESP8266 processor hence not compatible.

No OS support is listed.

**GNU Linux Hardware**

Source URL: [http://www.tuxmachines.org/node/135140](http://www.tuxmachines.org/node/135140)

Links: