today's leftovers

By Roy Schestowitz

Welcome to take the next step with us in this never-ending stroll.

- **curl 7.84.0 inside every box** [2]

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- **Mars Probe Running OS Developed in Windows 98 Receives Software Update in Space** [3] [Ed: With a budget like this, there's no excuse for running vandalOS from Microsoft]

- **ESP32 board with 150Mbps 4G LTE modem also supports RS485, CAN Bus, and relay expansion - CNX Software** [4]

  LILYGO has designed another ESP32 board with a 4G LTE modem with the LILYGO T-A7608E-H & T-A7608SA-H variants equipped with respectively SIMCom A7608SA-H for South America, New Zealand, and Australia, and SIMCom A7608E-H for the EMEA, South Korean, and Thai markets, both delivering up to 150 Mbps download and 50 Mbps upload speeds.

  The board also supports GPS, includes a 18650 battery holder, and features I/O expansion headers that support an add-on board with RS485 and CAN bus interfaces, in a way similar to the company's earlier TTGO T-CAN485 board with ESP32, but no cellular connectivity.

- **ICE-V Wireless FPGA board combines Lattice Semi iCE40 UltraPlus with WiFi & BLE module - CNX Software** [5]

  Lattice Semi ICE40 boards are pretty popular notably thanks to the availability of open-source
tools. ICE-V Wireless is another ICE40 UltraPlus FPGA board that also adds wireless support through an ESP32-C3-MINI-1 module with WiFi 4 and Bluetooth LE connectivity.

Designed by QWERTY Embedded Design, the board also comes with 8MB PSRAM, offers three PMOD expansion connectors, plus a header for GPIOs, and supports power from USB or a LiPo battery (charging circuit included).

- **Felipe Borges: See you in GUADEC!** [6]

After two virtual conferences, GUADEC is finally getting back to its physical form. And there couldn’t be a better place for us to meet again than Mexico! If you haven’t registered yet, hurry up!

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**Misc**

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**Links:**
[2] https://daniel.haxx.se/blog/2022/06/27/curl-7-84-0-inside-every-box/