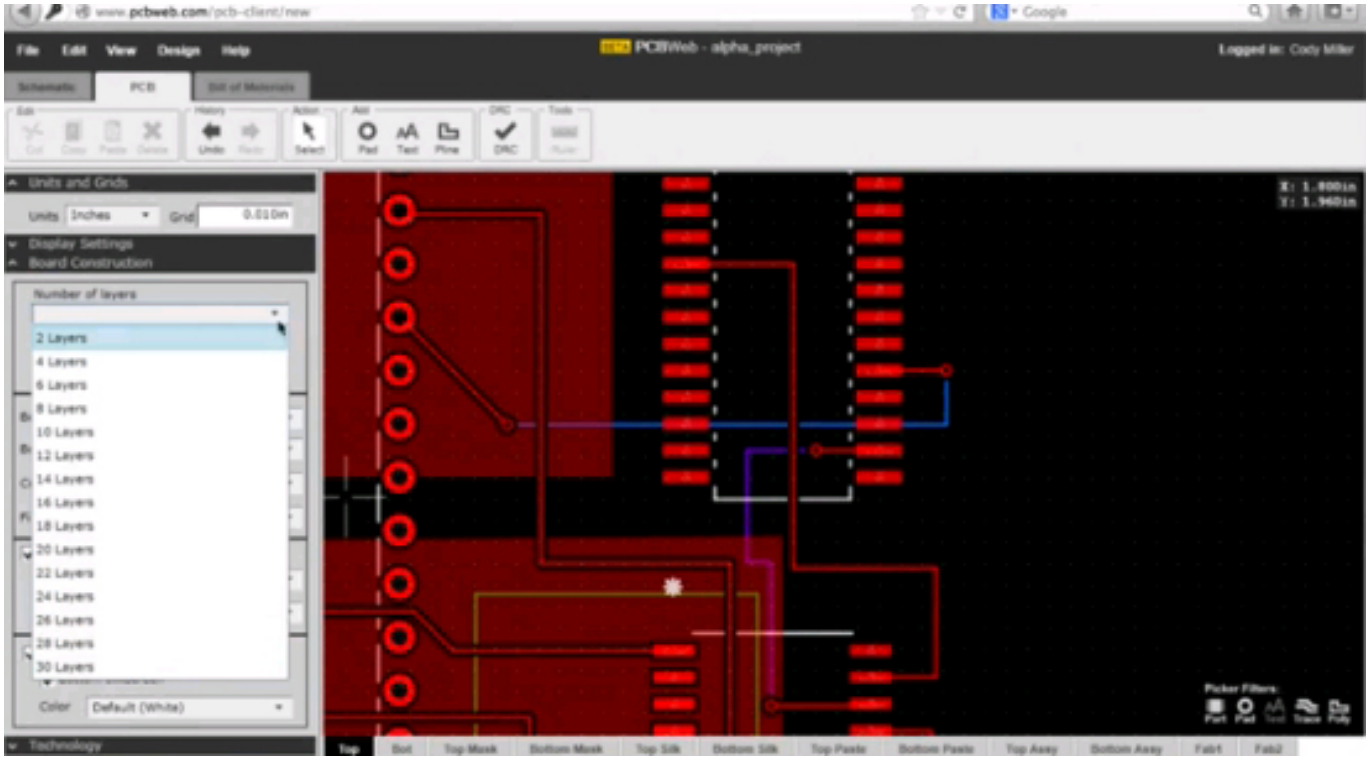
Design tools give engineers an edge in online printed circuit board design

Aspen Labs and Digi-Key Corporation are giving engineers access to a new set of free, online CAD tools to support Printed Circuit Board (PCB) design and development.

PCBWeb [1] is an online CAD application for designing and manufacturing electronics circuit boards, available at no cost. It aims to help engineers move projects from the earliest stages all the way through to a finished hardware design, ready to send off for production.



The free and easy-to-use PCBWeb tool offers these features:

- Schematic Capture
  - Supports multi-sheet designs
- PCB Layout
  - Supports multi-layer boards with DRC
- A Component Editor
  - Create symbols and footprints
- A Design Experience Tightly Integrated with Digi-Key Suppliers
  - Place Digi-Key parts into designs and easily manage those parts using the PCBWeb bill of materials editor

This is the third joint venture from Aspen Labs and Digi-Key, stemming from the engineering community's desire for free or low-cost, easy to use, online design tools.

Other resources from Aspen Labs and Digi-Key include:

- Scheme-It [2]: A basic online circuit design tool
- PartSim [3]: A more advanced circuit design utility that offers tools such as a full SPICE (Simulation Program with Integrated Circuit Emphasis) simulation engine, web-based schematic capture tool, and a graphical waveform viewer

www.aspenlabs.com [4]

www.digikey.com [5]

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Links:
[1] http://www.pcbweb.com/
[2] http://www.digikey.com/us/en/mkt/scheme-it.html
[3] http://www.partsim.com/
[4] http://www.aspenlabs.com
[5] http://www.digikey.com