

Re: ANN: new Pulsonix version 3 PCB software released

Source: <http://coding.derkeiler.com/Archive/General/comp.arch.embedded/2004-03/0920.html>

From: Jerry Avins (jya_at_ieee.org)

Date: 03/15/04

Date: Mon, 15 Mar 2004 09:53:33 -0500

David Brown wrote:

...

- > *If you are interested, the most common driver used is "giveio". If this*
- > *driver is installed on an NT machine (including W2K and XP), then a program*
- > *can simply open a file handle to this driver, and thereafter it has full*
- > *access to the hardware on the PC. Converting a program that accesses the*
- > *parallel port into one that runs safely and quickly on NT involves nothing*
- > *more than adding this access (a couple of lines of code) and putting the*
- > *giveio driver (freely available) into its install program. This is used by*
- > *most programmers and debuggers that use the parallel port.*
- >
- > *For programs that don't have this support, there is another less safe*
- > *solution. Install the "totalio" driver (also freely available). When you*
- > *start it, *all* programs get full hardware access. It's therefore not the*
- > *safest of solutions, and you should set the driver to manual startup (so*
- > *that you use "net start totalio" and "net stop totalio" afterwards), but it*
- > *will let any Win9x, or even Win16 or DOS program access the parallel port*
- > *directly on NT.*

Thank you. Knowing makes all the difference! On my way to highschool one morning (bus, past the newsstand to the subway), I read the about the astounding invention of point-contact transistors. The NY Times article included a technical discussion and an illustration. I read it several times. When I got home, I made one. It was oscillating before supper. Knowing makes all the difference.

Jerry

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Engineering is the art of making what you want from things you can get.
