

Re: Logic equivalent in electronic

Source: <http://sci.tech-archive.net/Archive/sci.electronics.basics/2006-09/msg01635.html>

- *From:* "Chris" <cfoley1064@xxxxxxxxxx>
 - *Date:* 27 Sep 2006 17:41:10 -0700
-

lerameur wrote:

HI,

I am trying to find if there is an equivalent in electronic (most probably digital) for some common programming language. What would be the equivalent of 'if - then', 'else' etc... I am building a digital circuits with inverters, Nand gates etc.. but would like to implement more complex decision. I did not find anything on google, does anybody know about these pre-made circuitry?

thank you

ken

Hi, Ken. There definitely is a digital equivalent. You could do worse than starting with Wikipedia:

[http://en.wikipedia.org/wiki/Flip-flop_\(electronics\)](http://en.wikipedia.org/wiki/Flip-flop_(electronics))

http://en.wikipedia.org/wiki/Sequential_logic

http://en.wikipedia.org/wiki/State_machine

But try to remember that they invented computers to get away from this. Re-inventing the wheel may be helpful to learn how the wheel is made, but after that, just get a wheel.

Cheers
Chris

.