Re: PC based measurements

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mankind_at_work.com
Date: 07/17/04

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Date: Sat, 17 Jul 2004 19:37:13 +1200
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On Mon, 12 Jul 2004 07:14:09 +0200, Dr Engelbert Buxbaum <engelbert_buxbaum@hotmail.com> wrote:

>Indroneel Ganguly wrote:
>
>> Hello Everybody,
>> I am trying to use my PC to measure resistance, capacitance and inductance
>> of the respective components.
>> I would like to use the parallel or serial port to do it.
>> Do I need to have a ADC circuit to do it ?
>
>Try and google for the "parallel port faq" for how to interface circuits
>with the printer port. An interesting alternative on a PC is the game
>port, as it can measure resistance directly.
>
>Note however that direct access to the pp is possible only with DOS
>based operating systems, modern (?) Windozze versions require kernel
>modules. So it is probably easiest to recycle an old 386 or 486 for that
>type of experiments.

Look for "io.dll" in google, it is a free 'dll' file from which you can call routines
to access the Parallel Port. With some tricky programming it works in all versions
of Windows.
I have just purchased PureBasic (59 Euros) which works in windows, creates full 32 bit
applications, has a wysiwyg interface generator so you can create nice standard
'Windows' in minutes, and this connects to the Parallel Port via "io.dll" easily.
I am a novice programmer, only learning enough to get done what I need, and I
created a simple application that drove my P.Port interface in the first couple of days.
Regards, KT