

Re: Help with simplified SDRAM access

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2004-10/7658.html>

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Date: 10/27/04

Date: 27 Oct 2004 07:53:46 -0700

yotango@yahoo.com (yo) wrote in message news:<2319ddc6.0410261211.9cb5f5a@posting.google.com>...

> Hi,

>

> *I'm building a very low cost PC Oscilloscope. I have lots of spare
> PC-100 SDRAM chips and would like to use them instead of buying FIFO.
> I cannot use the computers memory via PCI because the PCI card cannot
> guarantee memory access all the time. Therefore I would like to use
> SDRAM in my circuit board.*

>

Ok, you build your own board and adding the SDRAMs on it?

> *I understand it's complex to use SDRAMs. I have an idea that could
> simplify the job. Instead of having my circuit do all the
> initializations, etc. to the SDRAM, why not do it through software on
> the PC? Is this a good idea? I have no idea since I am not familiar
> with SDRAM. The software could have access to the pins of the SDRAM.*

Yes, CPU/microcontroller can do that via a glue logic, which people call SDRAM controller, and that is the way it's suppose to be.

>

> *Does anyone have any suggestions, web sites, information? I have no
> idea what signals I would need to send to the SDRAM. Also, once the
> SDRAM is setup / initialized, how can my circuit save & read data to
> and from the SDRAM?*

>

> *Many thanks!*

Do google for 'sdram controller', or go to sdram manf. and download a datasheet and digest it, good luck