

Re: High speed ADC with USB interface

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In sci.electronics.design Ulf Samuelsson <ulf@atme-l.com> wrote:

> <adc> skrev i meddelandet

> [news:41f3934e\\$0\\$803\\$afc38c87@news.optusnet.com.au](mailto:news:41f3934e$0$803$afc38c87@news.optusnet.com.au)...

>> *I'm looking for 12-16bit ADC with 4MHz samplingrate capable of storing 4K*

>> *samples, with USB interface to transfer data to a PC.*

>>

>

> *I doubt that you will find this ADC/USB/Storage on a single chip.*

> *With 4 Mhz sample rate and 12 ?bit resolution*

> *you need 48 MHz operation for a serial interface*

> *so it is likely you need a parallell interface.*

That's only 6 megabytes/second.

USB2 can easily do this.

I however also doubt you'll find a single chip.