

## Re: 12 and 16-bit oscilloscopes

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In article <Xns989E18B5E84E2Noemailadr@xxxxxxxxxxxxxxxx>, Mike Monett <No@xxxxxxxx> wrote:

[snip]

DOS also gives the fastest possible performance, since you own the cpu and don't have to give up cpu cycles for multitasking. That's the reason I mentioned it – the response while sifting through a megabyte of data was practically instantaneous from the keyboard, but it would be a bit slower in Windows.

[snip]

Don't you have gaps where the various interrupts take control away? Perhaps your application doesn't have this problem, but if the gaps occur at "critical times" – say, in the middle of a single-shot acquisition – this would seem to be a problem. Do you turn off interrupts, and if so for how long? Are there any significant penalties for turning them off for an "extended period"?

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