

Re: Scope attenuators 1,2,5, why bother?

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On Jan 17, 7:35 am, Arlet Ottens <usene...@xxxxxxxxxx> wrote:

Jan Panteltje wrote:

So, while waiting for parts to arrive, I have been diddling sketches on an A4 piece of paper, on how to design the the minimal cost attenuator, for the PIC scope I am planning.

Now I peaked at one scope I have here, and it has an 11 position switch
10mv, 20 mV, 50 mV, 100 mV, 200mV, 500mV, 11V, 2V, 5V, 10V, 20V

Now that sucks in a way, as counting to 5 is very difficult,
as we all think binary these days ;-)

You could make the attenuator steps user programmable through some setup menu.

BTW, why torture yourself with a PIC, when you can get a cheap LPCxxxx ARM that can be programmed in C ?

The PIC can be programmed in C quite easily too, didn't you know?
Only masochists write entire programs in assembler these days.

Dave.
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