# Re: Bad design?

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Is this a bad design:

I have 5 connections (switches on a X10 mini home controller) that

either

need to get shorted with pin A or pin B.

I am planning on using two CD4066 bilateral switches
(http://www.fairchildsemi.com/ds/CD/CD4066BC.pdf).

Each of the 5 inputs would have TWO connections connected to it, one

from

pin A and one from pin B (outputs of two of the 'spare' switches). As

long

as I am careful not to have both switch A and switch B enabled at the

same

time is this a bad design?

Not necessarily. It's common practice (bustranceivers for instance) to tie outputs together and make sure the hardware always keeps at least all but one in tristate. So if you have it in your own hand, it will do. It's

still

the hardware − controlled by your program but nevertheless − that enables

at

most of the switches.

petrus bitbyter

Thanks

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