

Re: need small PAL with SR latch

Source: <http://sci.tech--archive.net/Archive/sci.electronics.design/2005-06/msg03321.html>

- *From:* "Joel Kolstad" <JKolstad71HatesSpam@xxxxxxxxx>
 - *Date:* Fri, 24 Jun 2005 08:52:52 -0700
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"colin" <no.spam.for.me@xxxxxxxxxxxxx> wrote in message
[news:dOVue.4085\\$BD2.1932@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:dOVue.4085$BD2.1932@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)
> I need a small prgramable logic device with a couple of SR latches,
> however they all seem to have D types or other type of latch on the macro
> cell with a global clock/set/reset, except for some of the realy big ones.
> Ive looked through all of the ones that Farnell sell, and although I
> could obviously feed back an output to make an SR latch this wouldnt be
> ideal, any one know if there are any like this ?

Why do you say that feeding back an output (internally within the part) isn't ideal? With most of the smaller PLDs, the routing is pretty staightforward (and fixed!) so it's reasonable to just build your own using the AND-OR array within the part.

> Only needs a dozen gates or so to do the job, could do with being fast
> as posible and in circuit programable etc.

I haven't use any non-in-circuit programmable parts in years now; I'm amazed that anyone still does.

---Joel

• *Follow-Ups:*

- ◆ [**Re: need small PAL with SR latch**](#)
◇ *From:* colin

• *References:*

- ◆ [**need small PAL with SR latch**](#)
◇ *From:* colin

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Re: need small PAL with SR latch

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