

## Re: need small PAL with SR latch

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-06/msg03413.html>

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- *From:* "colin" <[no.spam.for.me@xxxxxxxxxxxxx](mailto:colin@xxxxxxxxxxxxx)>
  - *Date:* Sat, 25 Jun 2005 01:09:29 GMT
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"Joerg" <[notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
[news:uu1ve.3602\\$Bx6.2241@xx](mailto:news:uu1ve.3602$Bx6.2241@xx)

> Hello Colin,

>

> > what sort of devices did you replace them with ?

>

> Mostly with logic. In TSSOP the total real estate usually didn't grow

> but the cost was substantially lower. Plus the stuff didn't become

> obsolete a few years later.

>

> Sometimes the replacement was a cheap uC, other times a small LUT ROM.

>

> Regards, Joerg

>

> <http://www.analogconsultants.com>

aha i see,

all i need is 1 nor, 1 nand, 1 sr latch, 2 xor, and a 1 bit tri state  
buffer, I could probably do it with a very fast LUT too but im not sure if u  
can feedback data lines to address lines reliably unless its clocked,  
otherwise thats a few diferent packages even if i try and convert some of  
the gates etc.

A gal16v8z doesnt seem to consume much power unless they are hiding it well  
in the data sheet, oh wait thats in standby, at 10mhz its 55ma but im not  
pumping the clock line so maybe itl be a lot lower.

Colin =^.^=

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- *Follow-Ups:*
  - ◆ ***Re: need small PAL with SR latch***
    - ◇ *From:* Joerg

- **References:**

- ◆ **need small PAL with SR latch**
  - ◇ From: colin
- ◆ **Re: need small PAL with SR latch**
  - ◇ From: Joel Kolstad
- ◆ **Re: need small PAL with SR latch**
  - ◇ From: colin
- ◆ **Re: need small PAL with SR latch**
  - ◇ From: Joerg
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  - ◇ From: Joerg

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