

# Re: microcontroller programming -- how to begin

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2006-05/msg05097.html>

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- *From:* Rich Grise <[richgrise@xxxxxxxxxxx](mailto:richgrise@xxxxxxxxxxx)>
  - *Date:* Thu, 25 May 2006 22:05:13 GMT
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On Thu, 25 May 2006 20:49:50 +0000, Ignoramus5457 wrote:

On Thu, 25 May 2006 13:35:06 -0700, xray <[notreally@xxxxxxxxxxxxxxxxxxx](mailto:notreally@xxxxxxxxxxxxxxxxxxx)> wrote:

It's an odd beastie. I never heard of ladder logic before, but seems to be a combinational logic on inputs that happens in realtime. Equivalent to stringing a bunch of switches in series/parallel strings.

Yes, seems to be similar to putting together a bunch of relays.

That's exactly what it is, or, more accurately, where it came from. PLCs use it to substitute for huge panels of relays.

I did a quick google:

<http://www.google.com/search?q=%22ladder+logic%22+tutorial>

One of them even calls it "Relay Ladder Logic". :-)

I'm just guessing, but your ladder logic mode probably has some kind of timer(s) available; I ass-u-me that that would be in the manual somewhere.

Cheers!  
Rich

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