

Re: PCB maker

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- *From:* "Roger Hamlett" <rogerspamignored@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 05 May 2005 10:53:01 GMT
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"Fernando" <fjpc60@xxxxxxxxxxx> wrote in message
news:1115288607.303353@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
>I would like to use the photographic process to PCB. Does anybody know
> where to find information on that, or maybe some place where to buy a
> kit?
> TIA
> Fernando

It'd help if you said where you are. The World is a big place, and a hotmail account could be coming from almost anywhere...
There are a number of different 'photographic' processes, and if you want good accuracy for a small number of boards, in all honesty these days you would be better off using one of the 'pooling' services and having the board made. This in many cases costs less than DIY now, with better quality, and no need to have the chemicals present.
The 'minimum', would normally be to buy resist coated boards (these work much better than aerosol based systems), developer, etchant, and use artwork printed in reverse on acetate laser printer film. You also really need a UV 'light box' (except for very small boards, where the Sun can sometimes be used), and ideally a bubble etch tank (the PCB, etches much more accurately, with warm bubbled etchant, than working in a flat tray). You can for relatively simple boards, skip the use of the photo chemicals completely in some cases, and use iron the film directly onto a board, where the ink from the laser printer, will thermal transfer, and provide an etch resist. There are also special films designed to improve this process. This is probably the 'simplest' system.

Have a look at:

<http://www.awrr.com/pcb.html>

Which lists some of the systems, and addresses for many companies doing stuff.

Best Wishes

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- *References:*

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◆ **PCB maker**

◇ *From:* Fernando

- Prev by Date: **Re: PCB maker**
- Next by Date: **Re: Repairing paper caps**
- Previous by thread: **Re: PCB maker**
- Next by thread: **Re: PCB maker**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**