

## Re: Greenhorn to PCB making

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2007-07/msg04669.html>

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- *From:* Gary Tait <classicsat@xxxxxxxxxx>
  - *Date:* Tue, 31 Jul 2007 12:54:46 GMT
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D from BC <myrealaddress@xxxxxxxxxx> wrote in  
[news:qivsa3pasedvmkihb9mqvvd1i9vofl1565@xxxxxxxx](mailto:news:qivsa3pasedvmkihb9mqvvd1i9vofl1565@xxxxxxxx):

Well..I was thinking of just putting a halogen (on a dimmer) into tap water to make a hot bath for an etchant tray.  
It's have a nice danger level to make etching exciting :)  
That or get an aquarium heater.

Sounds like ferric chloride and ammonium persulfate don't react to titanium.  
D from BC

I have a small food warming plate (from the surplus store, just bare glass with heating element tape applied) I used to heat a try to make small boards.

I used the toner transfer method , or manually masked boards, BTW.

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