

Re: PCB Etching (again!) – chemicals used

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-04/msg04442.html>

- *From:* "Glenn Ashmore" <gashmore@xxxxxxx>
 - *Date:* Sun, 24 Apr 2005 09:52:50 -0400
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I use Amonium Persulphate in a Kinsten etching tank and it works great. Made a couple of modifications though. Bought a higher wattage aquarium heater at the pet store so I can get the tank up to working temperature a lot faster and made a cover from 1/2" acrylic to reduce evaporation between sessions. I use the same solution for about a month etching 8 to 10 boards.

Takes about half a 1kg bottle of MG Chemicals amonium perulphate crystals to mix enough to fill the tank and it is FAR cleaner than feric chloride.

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Glenn Ashmore

I'm building a 45' cutter in strip/composite. Watch my progress (or lack there of) at: <http://www.rutuonline.com>
Shameless Commercial Division: <http://www.spade-anchor-us.com>

- > Hey Michael, I used to use Ammonium Persulphate but Ferric Chloride is
- > much
- > better. I got 4L from a PCB maker but you can get it here
- > <http://www.altronics.com.au/index.asp?area=item&id=H0800> . I practice the
- > same procedure as outlined here <http://www.geocities.com/pdmtr/> but with
- > the slight distinction that I warm up my FC to bath temp on the BBQ. Use
- > the
- > Press-n-Peel from Jaycar <http://www1.jaycar.com.au/> and the main point is
- > clean the board thoroughly with a cream cleanser like Jif or Ajax before
- > ironing. The whole process from printing to drilled board is less than an
- > hour.
- >
- > Cheers.
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- *Follow-Ups:*
 - ◆ ***Re: PCB Etching (again!) – chemicals used***

Re: PCB Etching (again!) – chemicals used

◇ *From: Michael*

◆ ***Re: PCB Etching (again!) – chemicals used***

◇ *From: John Woodgate*

• **References:**

◆ ***PCB Etching (again!) – chemicals used***

◇ *From: Michael*

◆ ***Re: PCB Etching (again!) – chemicals used***

◇ *From: Chris*

• Prev by Date: ***Re: 5V 100A secondary, 115V primary***

• Next by Date: ***Re: Using zener diode to protect test circuit?***

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