

Re: Which is the best hobby do-it-yourself method for making PCB's?

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Source: <http://sci.tech-archive.net/Archive/sci.electronics.cad/2005-11/msg00091.html>

- *From:* Mike Harrison <mike@xxxxxxxxxxxxxxxx>
 - *Date:* Tue, 22 Nov 2005 15:16:02 GMT
-

On Tue, 22 Nov 2005 09:05:39 -0500, Chuck Harris <cf-NO-SPAM-harris@xxxxxxxx> wrote:

>Mike Harrison wrote:

>> On Tue, 22 Nov 2005 12:30:00 +0100, "Deefoo" <nonono@xxxxxxxxxxxxxxxx> wrote:

>>

>>

>>>"samIam" <him@xxxxxxxx> wrote in message

>>>[news:0pngf.27744\\$rc7.25204@xxxxxxxx](mailto:news:0pngf.27744$rc7.25204@xxxxxxxx)

>>>

>>>>In the past I have been using the toner transfer iron on technique.

>>>>The best I have gotten is 75-80% of the board done ... the remaining

>>>>20 - 30% is rework for missing/broken traces etc.

>>>>

>>>>I am just wondering what is the best hobby do-it-yourself method?

>>>>

>>>>Someone hinted at photo transfer

>>>>

>>>>What has worked for you guys in the past?

>>>>What gives the best results on a fairly consistent basis?

>>>>How about double sided boards?

>>>>Thanks

>>>>

>>>>I still make some myself the classic photographic way, 100% success, takes

>>>>me about 15 minutes with fresh, well heated etching liquid (the dirty yellow

>>>>one). There are many good tutorials to be found on the web. The hardest

>>>>part, I find, is cutting the board

>>>>

>>>> Small guillotine

>>>>

>>>>

>>>>and drilling the holes in the right

>>>>place.

>>>>

>>>>

>> Make sure pad patterns have holes in the middle to act as centre marks.

>

>Nah, tell the PCB software to leave the holes out of the pads, and then

>when you etch, you will leave behind a nice little hole in the copper

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>pad where your drill bit goes.

>

>-Chuck

...erm that's exactly what I was saying.... you NEED holes in the pads to be able to drill them sensibly

• **Follow-Ups:**

- ◆ **Re: Which is the best hobby do-it-yourself method for making PCB's?**
◇ From: Chuck Harris

• **References:**

- ◆ **Re: Which is the best hobby do-it-yourself method for making PCB's?**
◇ From: Mike Harrison
- ◆ **Re: Which is the best hobby do-it-yourself method for making PCB's?**
◇ From: Chuck Harris

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