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Subject: Re: Making printed circuit boards

Posted by [Wayne Parham](#) on Tue, 18 Dec 2012 15:25:52 GMT

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Naturally cost depends on board size and options. Options include number of layers, holes with or without plate-through, solder mask or silkscreen.

For a crossover board, you probably only need a single layer and you don't need a solder mask or silkscreen. You can do the silkscreen if you want though. You can do the solder mask too, for that matter, but there would be absolutely no benefit except it looks pretty.

By inexpensive, I mean less than a thousand bucks. That is a lot of money compared to lunch, but it isn't a lot of money compared to how much it used to be.

They do make those kits to etch boards using a etchant resist pen. A step up would be the ones that use a film that you print on using a laser printer for the etchant resist. Might try that too.

Here's one guy's take on that method:

[How To Make A Basic PC Board By Direct Etching](#)

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