

Re: how to remove lqfp package

Source: <http://sci.tech--archive.net/Archive/sci.electronics.design/2005-05/msg02097.html>

- *From:* kensmith@xxxxxxxxxxxxxxxx (Ken Smith)
 - *Date:* Sun, 15 May 2005 19:05:02 +0000 (UTC)
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In article <3zKhe.101\$VS6.63@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>, Jeff <koebrich@xxxxxxxxxxxxxxxx> wrote:
>I am having an argument (a friendly one) with co-workers about removing
>small 32, 48, and 100 lead LQFP packages from production circuit boards. I
>think they should use the hot air rework equipment we own, but they like to
>clip them off with cutters and then clean up the pads with a soldering iron.
>I think that method stresses the pads on the board when they cut. I believe
>they cut many leads at once. Any comments?

Cutting the leads with very sharp cutters may work ok but the clean up with a soldering iron may be slightly toasting the PCB.

There is a material sold for removing such things with no damage at all. It looks like solder but has a vert low melting point. You just use your normal preheater and put this stuff on the joints. It melts and dissolves the solder freeing the IC without even the slightest damage to the PCB.

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kensmith@xxxxxxxxx forging knowledge

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- *Follow-Ups:*
 - ◆ [*Re: how to remove lqfp package*](#)
◇ *From:* John Miles
 - *References:*
 - ◆ [*how to remove lqfp package*](#)
◇ *From:* Jeff
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