

Re: Soldering SMT Components

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On Mon, 14 Apr 2008 15:30:49 -0500,
hal-usenet@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx (Hal Murray) wrote:

There are even people doing BGAs in toaster ovens.

We used to send our BGAs out to assembly houses, out of pure fear. Then we tried some in-house. We bought a bunch of inspection and rework gear, which we've mostly never used. Our yield so far is 100.0%.

What are you using for an oven?

Are you doing 1 or 2, or small batches like 10 or 20?

We have an Essemtec (Swiss) reflow oven, which has pretty good profile control. Batches are typically in the 5-10 range, but we sometimes do one or two protos. We have two Essemtec semi-auto p&p machines, so we really can't load a lot of boards in one day. If we get 50 or so, we'll often send them out to a board stuffer house.

John