

UCSC report: ePic BIC bi-weekly meeting

2025-02-03

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We received the prototype boards and chips. Thanks!

Brainstormed the module assembly techniques.

We found a piece of metaphor aluminum to make a prototype tool set. It is available from McMaster for about \$250 for a 250x250mm piece, which is enough to make some kind of vacuum alignment tray/holder and a pickup tool. Will order that!

We think that we would like to start by using False Blue ([Atom Adhesives F112](#)) adhesive. We don't need to reinvent the wheel here. The False Blue comes in tubs, so it's easier to use than the true blue in packets. (If other groups would prefer bi-packs, that is also an option for the false blue.)

It would be good to try to get a large-ish quantity of mechanical dummies, if possible:

- glass chips of the right size and thickness. Are they available?
- solder resist material for dummy boards (preferably cut to size, but they are rectangles, so we could probably cut it if needed) to check glue adhesion
- maybe some shim stock in thicknesses similar to the boards for dispensing studies

So, can you please find out what the solder resist is going to be on the boards?