
Subject: Not connected pads

Posted by [Clemens Adler](#) on Fri, 30 Jul 2004 06:37:12 GMT

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Hello everybody,

at the last Status meeting in Heidelberg, I reported, that David found, some pads on a padplane that were not connected to the signal cable. Unfortunately this cannot be corrected after the padplane is glued to the panel, since the connection of cable to padplane is not accessible anymore.

Anton recommended to short the unconnected pads to the next neighbor.

We checked another padplane which had 1 unconnected pad. On this one I shorted the pad to the next neighbor with silver epoxy. This seems to work reasonably well, filling the gap between the 2 pads plus some overlap. This can be seen in:

http://www.physi.uni-heidelberg.de/~adler/TRD/pics/2004_07_29/IMG_0470.J PG

Soldering does definitely not work without creating a big droplet of solder on the padplane.

There was some discussion about longterm stability of silver epoxy concerning the electronics grounding, but I guess the resistance here is not that critical. But if someone has a better suggestion on how to connect 2 pads, please speak up.

cheers,
Clemens
