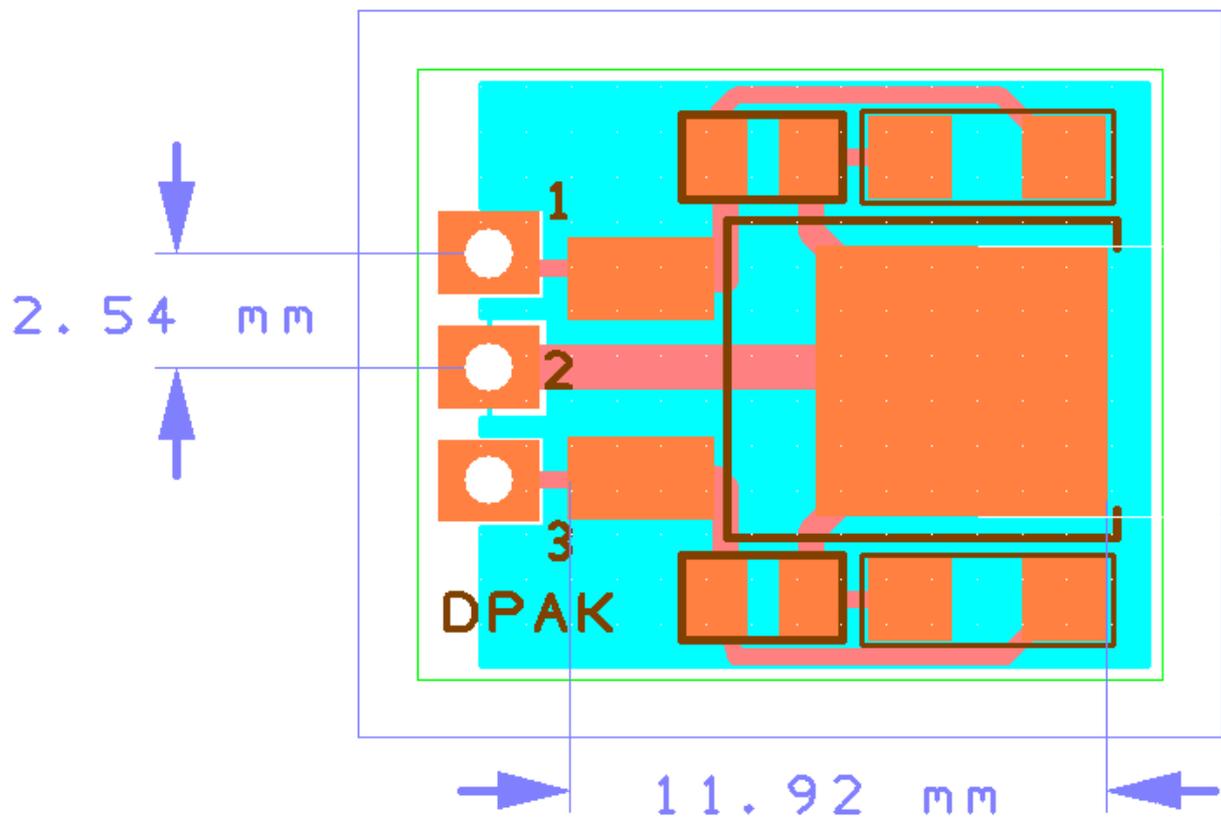
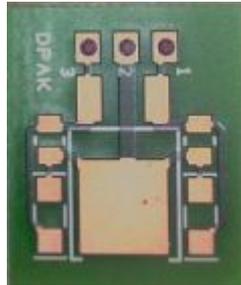


ADAPTER for DPAK devices

PCB dimensions: 17 x 19.6 x 1,5 mm



Our reference: 03973A

Product description: Breadboard adapter for DPAK, TO252 devices
Accept one 3 pin row connectors with 2,54 mm pitch to be breadboard compatible.

Technology: Plated through FR4 pcb, with solder mask to avoid shorts between pads when hand soldered, as shown in photo. All holes are plated through. The surface of pads in this adapter, is chemical gold plated.

Ground plane: one ground plane connection is available, useful also as a small heatsink.

PCB contour is scored: if several units are supplied, is easy to break in individual adapters.

Hand soldering: should be applied a liquid flux, for easy soldering to the gold surface.

Handling: is important before soldering, to avoid fingerprints over the gold plated surface of the pads.

Links for TO252 package:

<http://www.fairchildsemi.com/dwg/TO/TO252A03.pdf>
<http://www.irf.com/package/igbt/dpakfootprint.pdf>
http://www.diodes.com/zetex/_pdfs/3.0/pack/DPAK.pdf
<http://www.microsemi.com/en/products/package/dt-3pin-d-pak>
<http://www.vishay.com/docs/91344/to252.pdf>
<http://www.national.com/packaging/mkt/td03b.pdf>

Basic information:

<http://www.polyonics.com/PubDocs/SMT%20Dictionary.pdf>

Links for SMD soldering:

http://www.4shared.com/document/Ma1BZxT7/Low_Cost_SMD_Soldering_Guide.html
http://www.4shared.com/get/oyPNr6_C/smd_soldering.html

Please visit our site for updates and new adapter types:

<http://www.breadboard-adapters.com/>

To any questions or feedback please email:

sales@breadboard-adapters.com