

TSSOP16 ADAPTER

Breadboard adapter for TSSOP16

PCB dimensions: 18,5 x 20,9 x 1,5 mm



Above photo shows 1 adapter for TSSOP16 in a scored pcb.

The plated through holes are visible in this photo.

Our reference: 16087A

Product description: Breadboard adapter for TSSOP16.
Accept row connectors with 2,54 mm pitch: is 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.

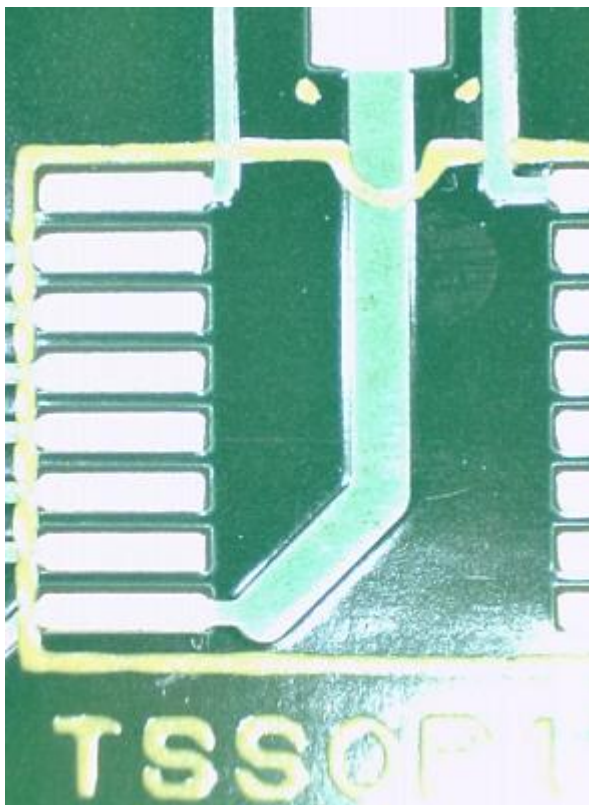
Decoupling: have tracks for a 0805 decoupling ceramic capacitor between pins 8 and 16.

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

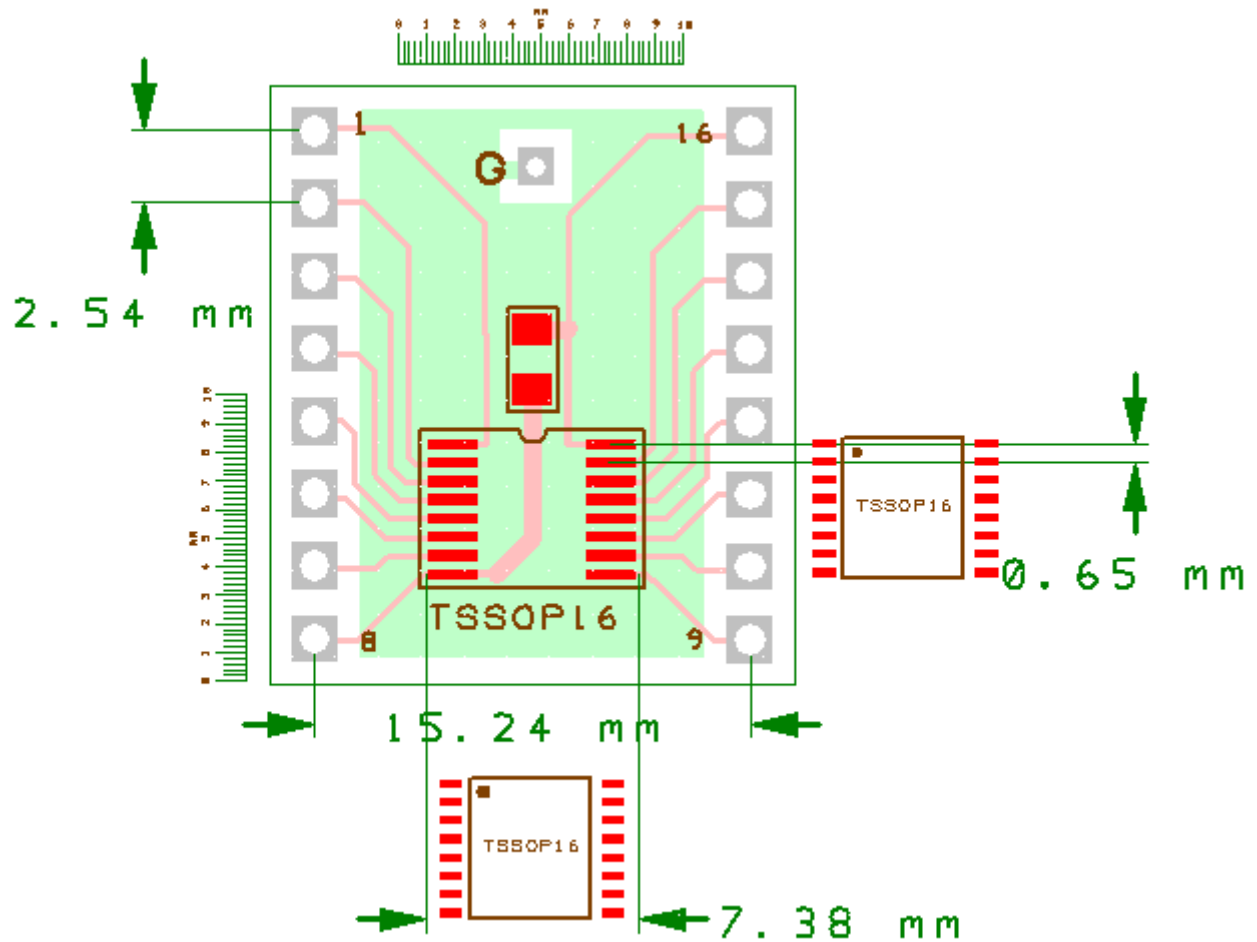
Hand soldering: should be used a liquid flux, for easy soldering to the gold surface.

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

The following close-up show the green solder mask around the pads and protecting the tracks.



Solder mask exist only around pads and is used to minimize the risk of building solder bridges between pads, that easy to happen when the device is hand soldered.



Links about this package:

TSSOP16

<http://www.national.com/packaging/parts/TSSOP.html#16>

http://www.onsemi.com/pub_link/Collateral/948AN.PDF

<http://www.fairchildsemi.com/dwg/MT/MTC16.pdf>

[http://www.analog.com/static/imported-files/footprints/TSSOP_EP\(RE\)/RE-16-2.pdf](http://www.analog.com/static/imported-files/footprints/TSSOP_EP(RE)/RE-16-2.pdf)

http://pdfserv.maxim-ic.com/land_patterns/90-0117.PDF

Please visit our site for updates and new adapter types:

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

To any questions or feedback please email:

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