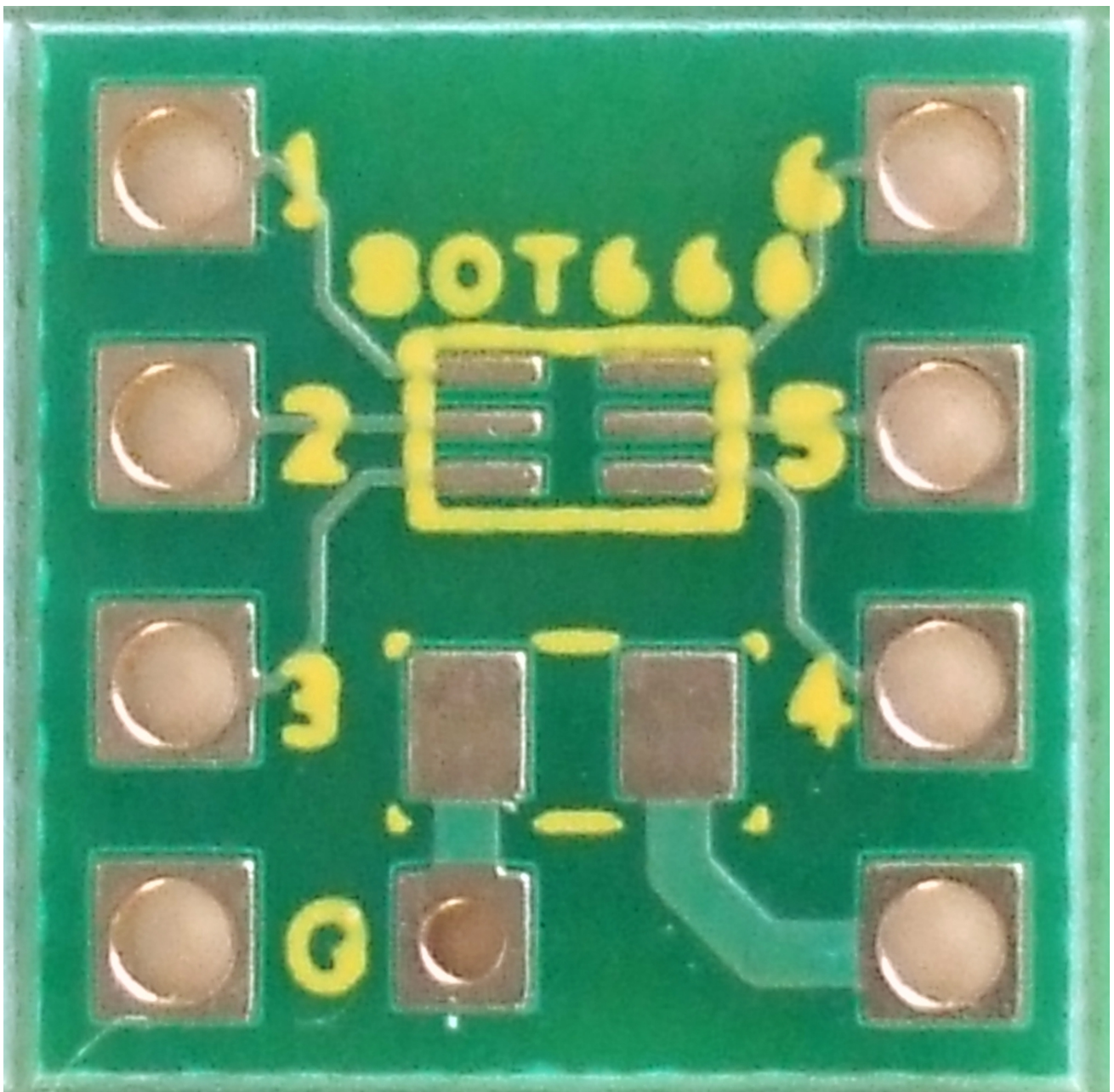
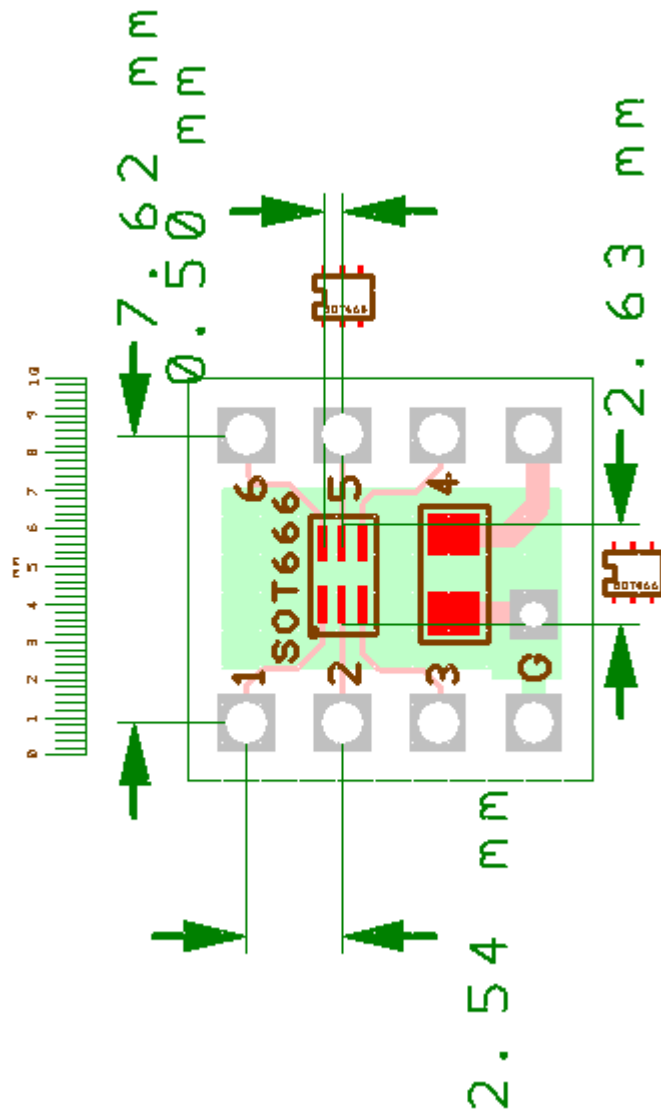


## SOT666 ADAPTER

**Breadboard adapter for SOT666 devices:**

**PCB dimensions:** 10,7 x 10,7 x 1,5 mm





**Our reference:** 06428A

**Product description:** Breadboard adapter for SOT666 devices.  
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.

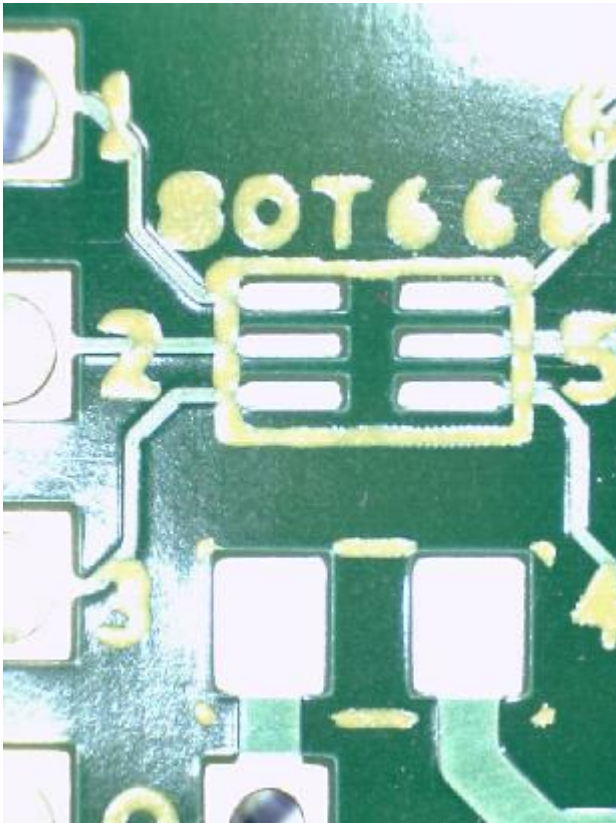
**Ground connection:** connected to bottom layer.

**Decoupling capacitor:** 0805 easy to mount on the pcb with 2 small wires.

**PCB contour:** pcb contour is scored; is easy to break easily a block of several adapters in individual pieces.

**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.



This close up show the solder mask, with protecting windows around each pad.

Solder mask exist only around pads and vias and is used to minimize the risk of building solder bridges, between pads, when the SOT666 is hand soldered.

#### **Links:**

Vishay, Nxp, Union-ic, Pericom, Zetex, Skyworks and St use this package

<http://www.vishay.com/docs/72067/72067.pdf>

[http://www.nxp.com/documents/outline\\_drawing/sot666\\_po.pdf](http://www.nxp.com/documents/outline_drawing/sot666_po.pdf)

<http://www.union-ic.com/upload/12566120565519.pdf>

<http://www.pericom.com/pdf/packaging/TA6.pdf>

<http://diodes.com/datasheets/ap02001.pdf>

<http://www.skyworksinc.com/uploads/documents/200037H.pdf>

[http://www.st.com/internet/com/TECHNICAL\\_RESOURCES/TECHNICAL\\_LITERATURE/DATA\\_SHEET/CD00065303.pdf](http://www.st.com/internet/com/TECHNICAL_RESOURCES/TECHNICAL_LITERATURE/DATA_SHEET/CD00065303.pdf)

Please visit our site for updates and new types:

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

To any questions or feedback please email:

[sales@breadboard-adapters.com](mailto:sales@breadboard-adapters.com)