

Flex-Rigid and RF/HF Demoboard

The Demoboard was designed to combine different PCB technologies in a single board. The idea is to show you what can be integrated in a single PCB.

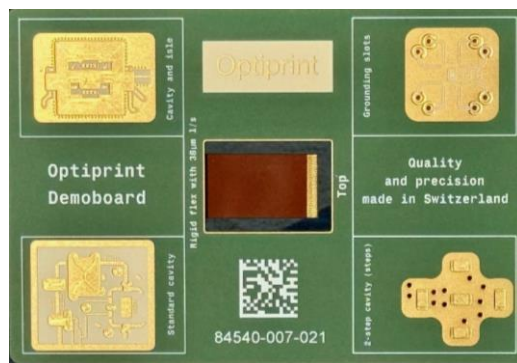
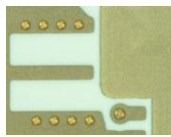
Grounding slots (2)

- Contact routing into layer 03



Blind vias (1)

- laser drilled



Coverlay (4)

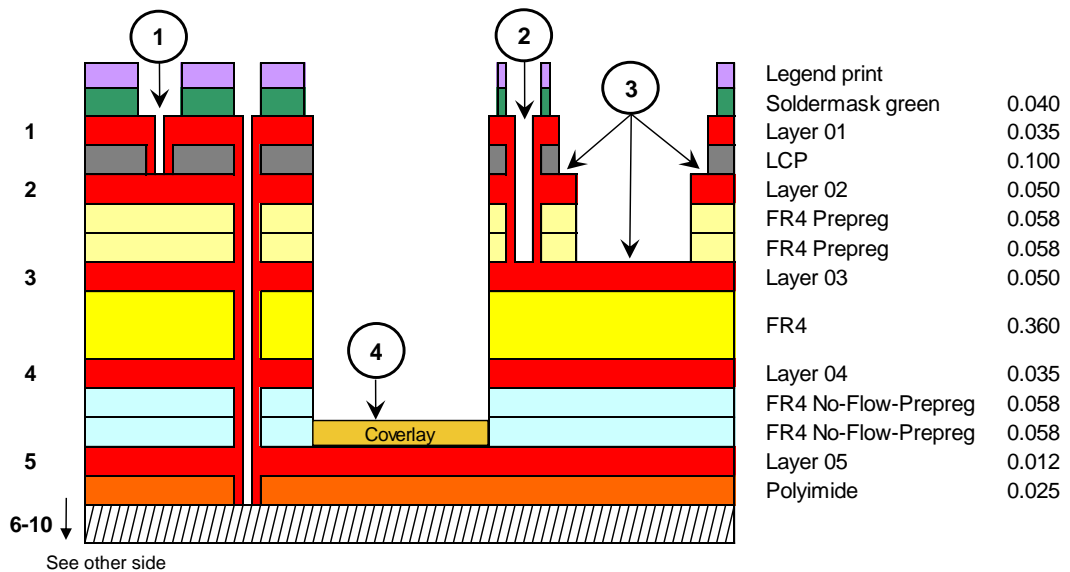


Cavity/pocket (3)

- Contact routing into layer 02 and/or layer 03



Build-up

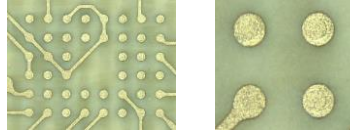


Black Coverlay skiving (4&5)

- Openings after bonding

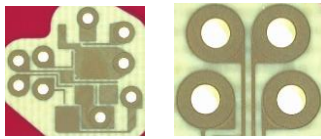
Copper filled microvia (6)

- Laser drilled
- Copper filled



Button plating (7)

- Allows smaller lines/spaces while keeping 25µm copper in the via

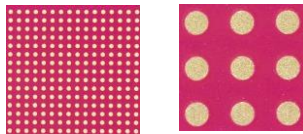


RF/HF pattern (9)

- Fine structures
- Narrow tolerances

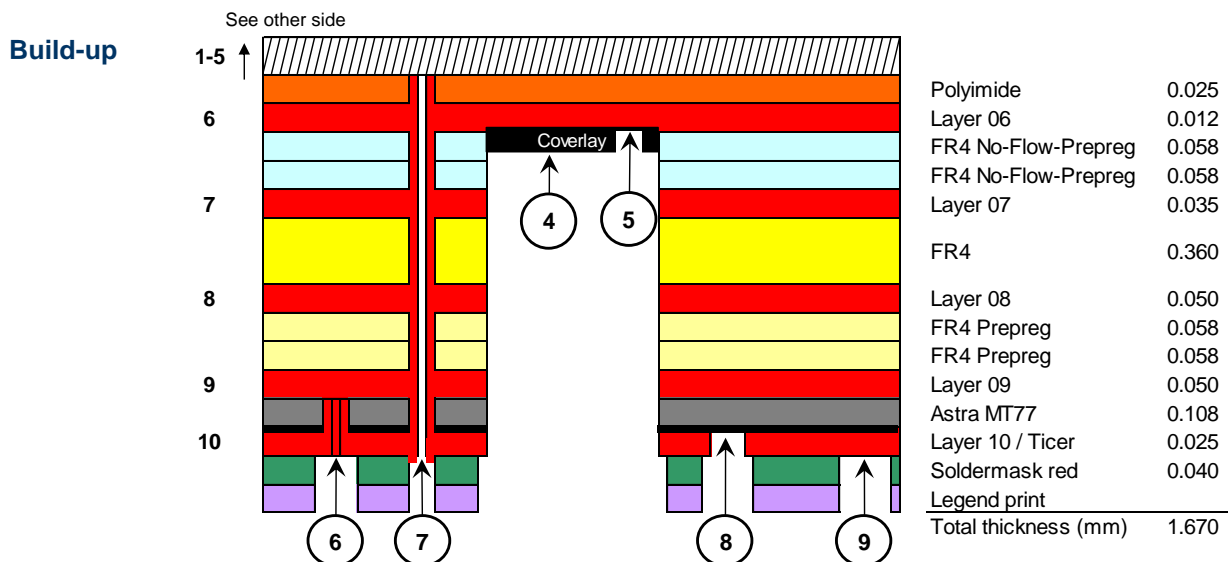
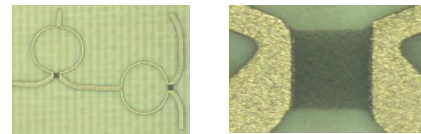


Solder mask defined pads (6)



Resistive Ticer® foil (8)

- 1000 Ohm/square



For more information regarding tolerances and capabilities, please visit:

<https://optiprint.ch/en/download/>

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