

# PoP (Package on Package) 15mm Board and Kit

Thermal Cycle Lead Free Kit



## PCB200 15mm Thermal Cycle Board

The 15mm Package on Package (PoP) Thermal Cycling Test Board is designed for use with Amkor's new 15mm PoP components. Both top and Bottom components can be mounted on the board and connected with a daisy chain pattern to the test board.

Thermal Cycling is a diagnostic test for electronic assemblies. The test is severe on solder joints that are under both compressive and tensile strain during cycling as a result of differential thermal expansion.

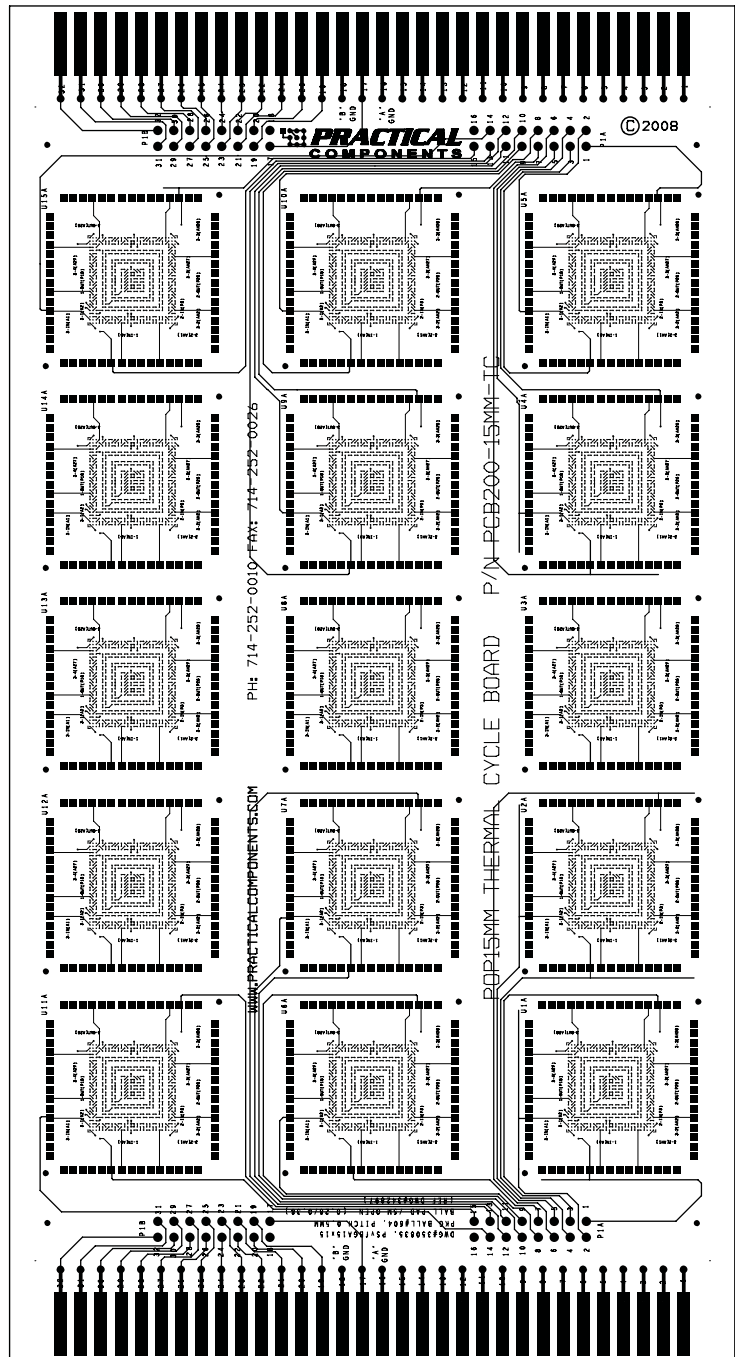
The new 15mm PoP Thermal Cycle Test will allow customers to conduct valuable process testing on new technology components. Customer are encouraged to visit the Practical Components website at [www.practicalcomponents.com](http://www.practicalcomponents.com) or Amkor website at [www.amkor.com](http://www.amkor.com) for additional technical information regarding the Amkor 15mm PoP components.

### Notes

- Board size is 132 x 77mm, 8-layers, .039" thick, no microvias.
- Board material is IS-410 High Temp. 180Tg.
- Standard board finish is OSP Entek CU-106A-HT.
- 15 daisy-chain pad placements for 15x15 604 PSvFBGA component.
- Immersion Silver board finish is available upon special request. MOQ may apply.
- Gerber and X,Y Theta data included at no charge.
- See page 11 for available solder ball alloy's for PoP components. SAC305, SAC405, SAC105 and SAC125Ni is available.



Practical Components is the  
exclusive distributor of  
Amkor Technology Mechanical Components.



Order Number: 19952 PCB200-15mm-TC (board only)

Order Number: 31426 A-PoP160-.65mm-15mm-DC-LF-105 (top component only)

Order Number: 31427 A-PSvFBGA604-.5mm-25mm-DC-LF-125Ni (bottom component only)