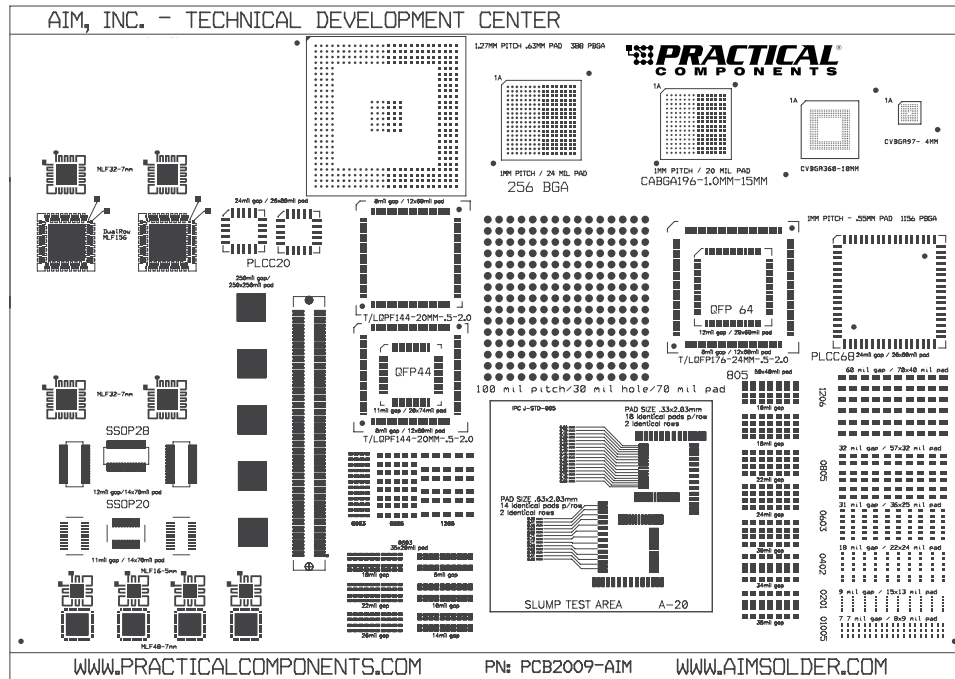


AIM Print Test Board and Kit



PCB2009 AIM Print Test Board



Board size: 8.5" x 6", .062" thick.

PC2009 AIM Test Kit

The AIM print test board was designed to include many printing challenges which are commonly encountered on manufacturers assemblies. BGA pads have circular and square pad design to test paste release. AIM has included the standard IPC slump test pattern in order to further challenge the properties of any product tested thereon. This print pattern is more real life and more accurate to predict slump since individual pads are used instead of one pad that is common in the "thermometer" method. There is a number on the board indicating the distances between pads so a hard number can be used for paste evaluations.

Common pad sizes were incorporated into the layout including 1206, 0805 and 0603 rectangular pads for discrete components. These pads have varying distance between them so the user can determine solder beading of paste. Four 250 x 250mil pads are available to be utilized with various aperture styles in order to allow for wetting tests. There are also several fine pitch QFP pads designed to check for the propensity of any given product to cause bridging and to confirm the existence of torn prints, peaking (dog ears), or bridging.

Notes

- Digitized gerber files provided by Aegis Software included at no charge.
- Kit available with Tin/Lead and Pb-free components.
- Board finishes available are:
Immersion Silver, ENIG, Bare Copper, OSP and HASL.



Part Description	Quantity Per 25 Kits
A-T/LQFP144-20mm-.5mm-2.0	50
A-PBGA388-1.27mm-35mm-DC	25
A-PLCC20T	50
A-PBGA256-1.0mm-17mm-DC	25
A-CABGA196-1.0mm-15mm-DC	25
A-QFP44-10mm-.8mm-3.2mm	25
A-QFP64-14mm-.8mm-3.2mm	25
A-LQFP176-24mm-.5mm-2.0mm	25
A-PLCC68T	25
A-SSOP28T-3.9mm	75
A-SSOP20T-3.9mm	75
0603SMR	5000
0805SMR	5000
1206SMR	1300
0402SMR	775
0201SMR	775
01005SMR	1425
PDIP14	350
A-MLF48-7mm-.5mm-DC	100
A-MLF32-7mm-.65mm-DC	100
A-MLF16-5mm-.8mm-DC	100
A-DualRowMLF156-12mm-.5mm-DC	50
A-CVBGA97-.4mm-5mm-DC	25
A-CVBGA360-.4mm-10mm-DC	25
PCB2009	25
Kit Order Number:	PC2009-0-25