

PC009-40 Traceability & Control Validation Kit

Part Description	Quantity Per Board	Quantity Per Kit (10 Panels)
0603SMR-TR	20	800
0805SMR-TR	20	800
1206SMR-TR	20	800
6032SMTA-TR	10	400
*A-CABGA36-.8mm-6mm-DC	1	40
*A-PBGA256-1.27mm-27mm-DC	1	40
PLCC44	1	40
PLCC68	1	40
QFP208-28mm-.5-2.6mm-DC	1	40
QFP44-10mm-.8mm-3.2	1	40
SO16GT-3.8mm	4	160
SOD80-TR	10	400
SOT23-TR	10	400
1/2 Watt Axial Resistor	5	200
1/4 Watt Axial Resistor	5	200
5 x 11 Axial Electrolytic	2	80
CK05	5	200
DIP16T	4	160
DO35	5	200
TO5	5	200
PCB009-Aegis-ImAg	4-up array	40 boards
Kit Order Number:	PC009-40-MES-ImAg	

*Customer to choose between CABGA36 vs. PBGA256 upon order. Board material is IS-410 with ImAg finish.

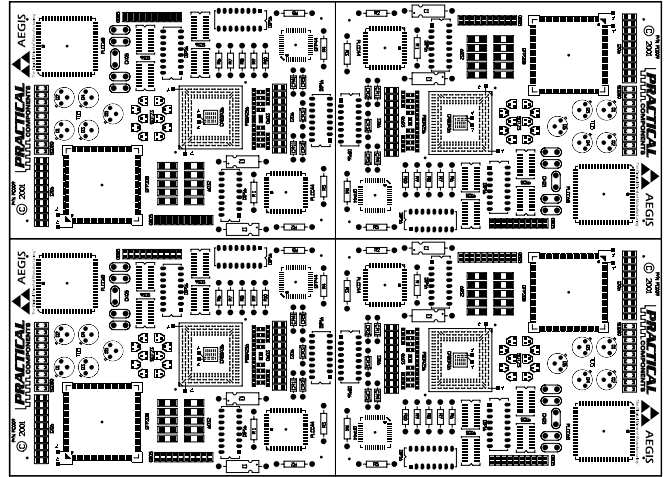
An identification label containing barcode details are found on each reel, tray, and tube, providing knowledge of incoming material Part Description relationships. The label includes an AGI (Aegis Global Identifier) that serves as a unique identifier for each material instance. Below is an example:



The kit also includes the following items to support the control and validation processes:

- Guide for performing validation steps
- Adhesive labels for each board and panel
- Label files for use with Dymo Label Writer printers
- Sample ECN/Deviation notices in PDF format for validating change notification processes
- Additional material labels with AGI numbers for affixing to tooling, consumables and other materials that require validation in order to build product

PC009-40 Traceability & Control Validation Kit



The PCB009 board is presented in a rotated 4-up panel to address the challenges of multi-up assemblies for surface mount and through-hole insertion processes. Both the panel and each image is directly laser marked* with a barcode for serial identification. Barcode labels are also included with the kit. Use of this panel provides for:

- Establishing Panel ID-to-Image ID relationships
- Proofing WIP tracking and Route Enforcement
- Proofing Graphic Defect Collection and Repair
- Verifying Circuit Image Ordering Across Machines
- Verifying Placement Accuracy on Rotated Images

Note: A sample iServer database that contains a fully defined PC009 assembly example is available to existing Aegis customers with FUSION systems.



Global Technology Award

Aegis received the *Global Technology Award*, sponsored by Global SMT & Technology.

*Laser marking services provided by Conveyor Technologies Incorporated (CTI). CTI Systems is a leading manufacturer of SMT connecting conveyors and peripherals, including label and laser marking solutions.



Tel: (919) 776-7227
www.conveyor-technologies.com