



Electronics manufacturers are testing their printed circuit boards with the Seica S240 Bare Board Tester now available at Bay Area Circuits, Inc.

Saving time and money in the electronics manufacturing process is critical. Problems with faulty printed circuits boards can be avoided with flying probe electrical testing equipment provided by Seica.

Bay Area Circuits, Inc. – Redwood City, California, April 12th, 2011

You have spent many hours in designing the electrical components for your primary new product line. Matching your mechanical fabrication and the key components with the software to make it do exactly what you need it to do. You collect all the items needed including your circuit boards and complete your assembly only to watch it go up in smoke because of a faulty board.

How can you know that your printed circuit board is really manufactured to your electrical design specifications?

One of the ways to know is by providing a Net List with your Gerber files to your PCB Manufacturer. That net list can then be used to create a precise electrical test using the **Seica S240 Bare Board Tester**.

This new tester adds to the already strong testing department at Bay Area Circuits. The testing department has more than twenty years of combined experience and a solid testing system in place.

Bay Area Circuits is only the second PCB Manufacturer in the country to have this high end automated bare board testing system.

The S240 Bare Board Tester is a horizontal Flying Probe test system designed specifically for testing any type of printed circuit board from single side circuits, to complex multi layers, inner layers and ceramics. The system is equipped with four completely independent mobile probes, two probes on each side. The tester is able to achieve high speed with maximum accuracy and measurement repeatability. The complete automation of the S240 enables the user to perform “lights out” testing of as many as 150 panels or PCBs without any operator intervention. Stephen Garcia, VP of Operations at Bay Area Circuits, Inc., commented on the decision to purchase the S240 BBT, “After weighing our options, we felt that this machine strengthens our ongoing improvement to our technology infrastructure. Furthermore, being in a time critical industry this machine ensures and solidifies our ability to get our customers correct product on time”

The system is equipped with Seica's VIVA software, which is organized in three simple steps "Prepare", "Verify", and "Test". The user is guided through a series of automated operations in an intuitive, self-explanatory environment, drastically reducing programming time and practically eliminating the possibility for error and omissions, consequently ensuring the quality of the final test program. Dave Sigillo, General Manager of Seica, Inc., comments on the importance of the VIVA software and working with Bay Area Circuits, "When first contacted by Bay Area about their need for flying prober test I was drawn by the integrity and vision of the company. Their requirements are all customer focused and aligns with Seica's vision as well. We look forward to a very long business partnership with Bay Area Circuits."

About Seica, Inc.:

Seica S.p.A, founded in 1986, is a global supplier of automatic test equipment and selective soldering systems, with an installed base of more than 800 systems on four different continents. Seica offers completely automated, laser-based selective soldering solutions, as well as a complete line of test solutions, which include bed of nails and flying probe testers; these have the ability to perform manufacturing defect analysis, in-circuit tests, functional tests and optical tests of loaded boards, second and third level electronic modules and printed circuit boards. Seica S.p.A corporate headquarters is located in Strambino, Italy, with offices in France (Paris), Germany (Munich), USA (New Hampshire and Texas), and China (Suzhou), along with a worldwide distribution network.

About Bay Area Circuits, Inc.:

Bay Area Circuits, Inc. has been serving the advanced PCB Manufacturing requirements of high-tech CEM's, OEM's and design engineering firms in the Silicon Valley since 1975. The principles laid by the founder, the late Lawrence Nobriga still drive the company's values today. Values like quality, on time delivery and customer service, are what set them apart from the competition. For further information about Bay Area Circuits, Inc., please visit <http://www.bayareacircuits.com>.