EAG Expands Microelectronic Test and Engineering Services

Evans Analytical Group

Company targets growing need to find and fix electronics system failures that can cause costly downtime, product recalls and reputational damage

SANTA CLARA, Calif., Oct. 8, 2013 -- Evans Analytical Group announced that it has launched a comprehensive electronics system failure analysis service. Extending its proven microelectronic test and engineering services portfolio, EAG is now one of the only companies to focus on the entire system, from electronics to materials, all the way down to failure mechanisms occurring at the IC transistor level.

“As electronics systems become smaller, more complex, and more deeply embedded in our daily lives, the cost of failure has risen exponentially,” said Aram Sarkissian, General Manager of the Microelectronics Test and Engineering Division of EAG. \

“We offer the unique combination of extensive expertise, specialized tools, and a comprehensive methodology for identifying and resolving complex failure mechanisms in a digitally-dependent society where downtime and product recalls are increasingly costly.”

EAG’s failure analysis offering is one of the broadest multi-disciplinary services available, including both electrical testing and materials characterization. The company uses the latest high-resolution imaging and electrical localization tools, and employs a holistic approach that is customized for each customer situation. These capabilities are increasingly important given the growing complexity of electronics systems, rapid pace of miniaturization, special characteristics of advanced technology processes, intermittent nature of system malfunctions, and challenges associated with the exotic materials used to design and manufacture today’s components.

“The increasing complexity and pervasiveness of electronics is the number one challenge for design and test engineers, increasing the need for electronic systems failure analysis,” said Jessy Cavazos, Frost & Sullivan’s Industry Director for the Test & Measurement group. “In the automotive industry, alone, failures can occur anywhere in an increasingly complex mix of in-vehicle networking, telematics, infotainment and other systems, and this is generating growing demand for highly specialized tools, services and expertise such as those that EAG is offering.”

For more information, visit www.eag.com [1].

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