Latest generation Boundary Scan production tester

On the occasion of this year’s SMT/Hybrid/Packaging show in Nuremberg, GOEPEL electronics presents the JULIET Series2, the latest generation Boundary Scan production test platform. The compact desktop system includes fully integrated Boundary Scan test hardware, power supply and an interchangeable adapter system for flexible UUT (Unit Under Test) contact. The new JULIET (JTAG UnLimIted Tester) is particularly suitable for production testing in the low and mid volume range as well as for repair. In addition, the JULIET system supports all Embedded System Access (ESA) technologies and is ideal for complex assemblies. JULIET also can be used for programming of non-volatile memories such as Flash or MCU.

The functionality, in terms of dynamic structure and cluster testing, is significantly expanded due to the new mixed-signal architecture of the tester channels. In conjunction with the new Boundary Scan features, JULIET Series2 offers a significant improvement in test coverage. Thanks to the compatibility between hardware and software, programming and testing procedures can be transferred from the prototype phase directly into production. The JULIET Series2 is backward compatible with the existing family of products.

All JULIET systems offer flexible programmable power supplies including current measurement for connecting up to four parallel target applications. An integrated interchangeable adaptor appliance with type recognition allows standard UUT adaptations through needle contacts or real connectors with simultaneous access to all interface signals, even in the active state. Due to this, the selective monitoring of critical signals is tremendously facilitated and debugging becomes more effective. Based on this, a broad use of the systems in various markets and applications is possible.

About GOEPEL electronic:
GOEPEL electronics is a worldwide leading vendor of innovative electronic and optical test and inspection systems, being the market leader for professional JTAG/Boundary Scan solutions for Embedded System Access (ESA). A network of branch offices, distributors and service partners ensures the global availability of the products as well as the support of the more than 8,000 system installations. Founded in 1991 and headquartered in Jena/Germany, GOEPEL electronics
employs currently more than 215 employees and generated a revenue of 30 Million Euro in 2014 (ca. $32 Mio). GOEPEL electronics has continuously been ISO9001 certified since 1996 and has been honoured with TOP-JOB and TOP-100 awards for being one of the best medium-sized companies in Germany. GOEPEL electronic’s products won several awards in recent years and are used by the leading companies in telecommunication, automotive, space and avionics, industrial controls, medical technology, and other industries. Further information about the company and its products can be found on the internet at www.goepel.com.