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CheckSum Doubles Parallel Test Output with The Release of the ILS-X2

ARLINGTON, WA — October 2024 — CheckSum, a leading provider of innovative solutions for PCBA testing, is proud to announce the launch of its latest advancement: the **ILS-X2 Dual Panel Automated Test System**.



“The PCBA manufacturing industry continues to see the trend of more boards being built in panels, accelerating the output of modern high-speed SMT lines,” stated James Holava, Sales Director at CheckSum. “SMT lines can produce a panel of 8 boards in nearly the same time it takes to produce a panel of 2, yet traditional test cells struggle to keep pace with this increased output. This often results in a growing backlog of untested inventory on many factory floors. CheckSum’s test solutions are designed to solve the panel problem while improving both quality and efficiency.”

The new ILS-X2 automated test system enables more tests to be performed in parallel, integrating ICT, ISP, and Parallel Functional Tests like LIN, CAN, BIST, Current, Voltage and others into a single test system to meet the demands of modern production environments.

The **ILS-X2 effectively doubles the parallel test output** advantage by supporting the handling and testing of two panels simultaneously.

Key Benefits of CheckSum’s Parallel Dual Panel Test for Manufacturers of PCBAs:

- Parallel Speed Enables Real Time Data, Reducing Risk of Scrap and Rework
- Combining ICT, ISP and PFT Reduces Costs for Test Systems, Operators & Floor Space
- Testing Functional Tests Like LIN Earlier, Improves Quality & Reduces Burden at EOL Test

See a live demo at Electronica 2024 at booth A3.242, CheckSum will be showcasing the ILS-X2’s full potential with a **live demonstration of two 8-up panels running ICT, ISP, and LIN functional tests across 16 devices under test (DUTs) in parallel**. This live display will highlight how the ILS-X2 transforms traditional testing methodologies, helping manufacturers meet their production goals faster and more efficiently.

About CheckSum

CheckSum is an industry leader in providing high-performance, automated testing solutions for printed circuit board assemblies (PCBA). With a commitment to innovation and customer-focused solutions, CheckSum's systems deliver unparalleled speed, accuracy, and reliability for manufacturers worldwide. For more information or to schedule a demo at Electronica, visit www.checksum.com