

The Automatic DebugRobot software is worth gold for EMS providers like Surface Art Engineering.

### The Challenge

The challenge was to speed up the long debugging times for boards with more than 500 nets by developing an automated test program to enable Surface Art Engineering and its customers to get to market faster.

### Our Solution

With the DebugRobot, Digitaltest has developed a procedure that can automatically debug test programs. This means that up to 80 % of the device under test can now be covered automatically, so that only a few critical measurements have to be checked manually afterwards. Surface Art Engineering was able to reduce its debugging time enormously with the help of the DebugRobot. For a board with 1,000 nets, an engineer previously needed two weeks, but with the DebugRobot six boards can now be debugged in a two-week period! This not only saves valuable time, but also helps to automatically stabilise measurements i.e. to achieve the lowest possible standard deviation of the values when repeating measurements.

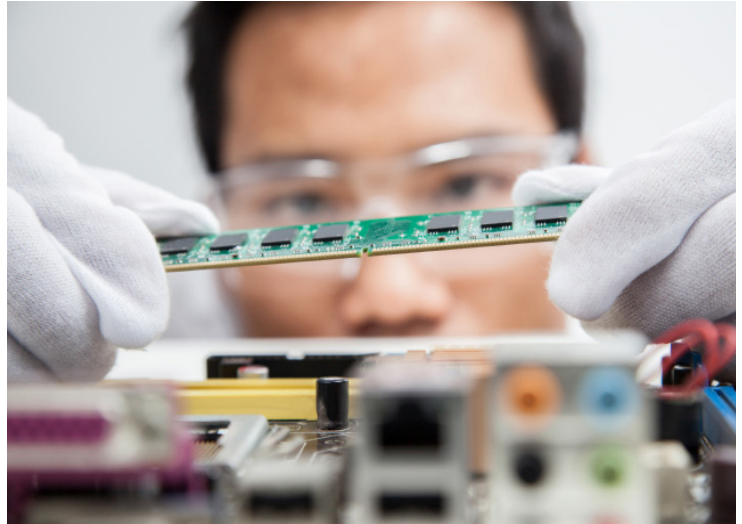


#### We chose Digitaltest because ...

the technical knowledge and support has always been at the highest level and Digitaltest always matches the challenges of the fast developing electronics industry.

#### We took the right decision because ...

jobs can be processed faster with the help of the DebugRobot and the test quality has generally been increased.



Surface Art Engineering, EMS service provider from San Jose, California, has been relying on products from Digitaltest since 2013 - and thereby saves time and costs

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### Surface Art Engineering in numbers

Company	Surface Art Engineering Inc.
Industry	Electronic Manufacturing Services
Location	San Jose (California, USA)
Employees	45
Manufacturing	approx. 135,000 pieces/year
Our customer	since 2013
Test methods	Flying Probe testing, Automated optical inspection (AOI)
Our products	Condor Flying Probe, CITE (APG), DebugRobot, C-LINK



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