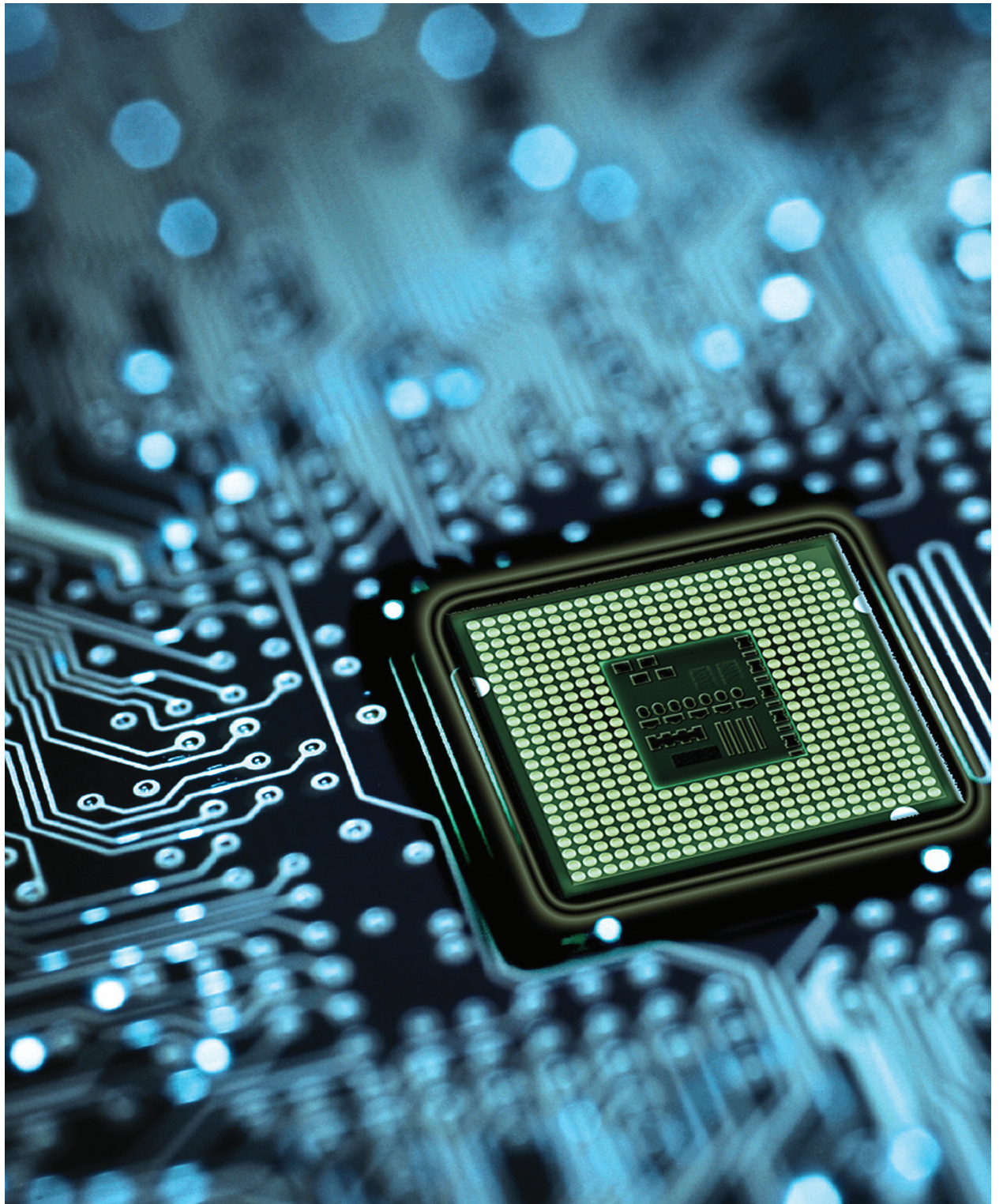


TEST SYSTEMS



**ATS Electronics Production
Test Equipment**



ATS Electronics Production Test Equipment

Description

Our engineers and software developers use advanced design tools and extensive resources in order to develop custom instrumentation and PC-based data acquisition systems.

Our Designers and Engineers are trained to be able to solve the most demanding test applications. We will work with our customers through all aspects of the design process in order to ensure that the resulting equipment meets or exceeds expectations. If your application involves some form of instrumentation and/or data acquisition then we can be of service to you.

Typical Applications

Automotive

- ABS, Traction Control, Airbag and other safety critical devices
- Remote Keyless Entry
- Vehicle module interrogation

Medical Applications

- Blood glucose meter function test
- EEPROM programming and interrogation
- Heart catheter inspection, measurement, and test

Consumer Products Applications

- Smartphone/PDA function and vision test
- Hydrogen fuel cell generator function test
- Solar PV Testing
- PCB interrogation

Specifications

- Single-source 100% custom test solutions from standard designs
- Full functional EOL or in-process verification/calibration/durability
- Integrated birth history/traceability/configuration/SPC archiving capabilities
- Optimize test cycle time with minimum fixtures to maximize ROI

Our Expertise Includes

- Voltage, Current, Resistance, Capacitance
- High-voltage isolation test (Hipot, Surge)
- Vision inspection
- Full electrical and electronic functional (Contact bounce, Resistance: Micro-ohm to Mega-ohm, characteristic monitoring: PWM, RMS, peak, rise time, duty cycle etc...)
- Quiescent current analysis
- Design of Test equipment for production line testing of electrical components (UL certified)
- Communicating to automotive bus diagnostics (CAN, Line, Flex Ray, etc...)
- Custom electrical contact solutions



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