

ATE

4200 Series System80 to 4200 Series Conversion

AEROFLEX
A passion for performance.



- Increased throughput by as much as SEVEN times.
- New innovative test techniques greatly increase test coverage.
- Q-Test II vectorless test
- On-Board programming
- Reversed Capacitor Detection
- Higher test coverage reduces high repair costs at later test stages.
- PC Controlled running under industry standard Microsoft Windows.
- Advanced graphical debug tools reduce program debug time.
- Millennium compliant

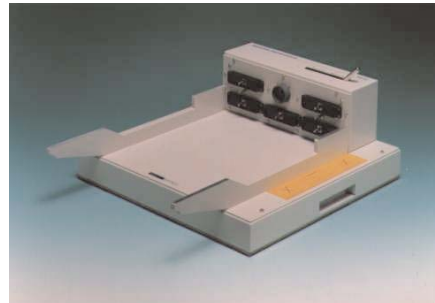
The main issues when upgrading to a new test system platform include the benefits that will come with changing platform and also compatibility for old fixtures and programs.

Upgrading from a System80 to the Aeroflex 4200 Series, solves this compatibility issue as well as offering a wealth of benefits from changing platform.

Aeroflex offers a System80 to 4200 Series translation package including software that will translate the old INCITE file into the 4200 Series programming language, MTL. A fixture adaptor is also available allowing System80 fixtures to still be used. This ensures all the existing invest-

ment in fixtures and programs is maintained.

The new 4200 Series testers, as well as maintaining compatibility, offers many advantages and features that are unavailable on the older platform.



Compatibility

The System80 to 4200 Series software translates the majority of tests to MTL automatically. All of the original debugged code, guards, delays etc, is maintained, ensuring the minimum time to have an equivalent program running in terms of test coverage.

The software also allows for new tests to be generated for devices that are not tested on the System80.

This takes advantage of the advanced test capabilities of the 4200 Series and further enhances the test coverage for any given program. With a higher test coverage costs can be saved as faults do not propagate onto later test stages where repair costs are much higher.

Existing fixtures may also be utilised with the fixture adaptor that is available ensuring that the initial investment in the System80 fixtures is maintained.

For the very latest specifications visit www.aeroflex.com

Increased Throughput

The 4200 Series has proved to be the fastest in-circuit tester on the market through competitive benchmarks.

Thanks to the technologically advanced architecture and powerful PC controller the 4200 series can improve throughput by a factor of up to Seven times over the System80. Effectively, a single 4200 Series tester can do the job of a number of System80's and help meet time to market demands.

PC Control

The 4200 Series uses a PC as the system controller giving the following benefits

- Industry standard operating system (Microsoft Windows) gives you improved user familiarity.
- Easy integration into existing factory networks reduces the time and costs of integrating a system.
- Test programs stored on central servers allows for more efficient test program management.

Graphical Debug Tools

An advanced set of graphical debug tools is available on the 4200 Series testers.

Tools such as graphical editors, statistical displays and an AutoDebug facility all reduce the time taken to debug a test program and also greatly reduce the learning time required to familiarize with a new platform.

Quickstep guides are available with the software which take the user through the correct procedure required for debugging using certain techniques, again keeping learning times down to a minimum.

All of these tools help to reduce the time required for the commissioning stage of a test program and ensure that time to market requirements are made.

CHINA Beijing

Tel: [+86] (10) 6539 1166
Fax: [+86] (10) 6539 1778

CHINA Shanghai

Tel: [+86] (21) 5109 5128
Fax: [+86] (21) 5150 6112

FINLAND

Tel: [+358] (9) 2709 5541
Fax: [+358] (9) 804 2441

FRANCE

Tel: [+33] 1 60 79 96 00
Fax: [+33] 1 60 77 69 22

GERMANY

Tel: [+49] 8131 2926-0
Fax: [+49] 8131 2926-130

HONG KONG

Tel: [+852] 2832 7988
Fax: [+852] 2834 5364

INDIA

Tel: [+91] 80 5115 4501
Fax: [+91] 80 5115 4502

KOREA

Tel: [+82] (2) 3424 2719
Fax: [+82] (2) 3424 8620

SCANDINAVIA

Tel: [+45] 9614 0045
Fax: [+45] 9614 0047

SPAIN

Tel: [+34] (91) 640 11 34
Fax: [+34] (91) 640 06 40

UK Burnham

Tel: [+44] (0) 1628 604455
Fax: [+44] (0) 1628 662017

UK Cambridge

Tel: [+44] (0) 1763 262277
Fax: [+44] (0) 1763 285353

UK Stevenage

Tel: [+44] (0) 1438 742200
Fax: [+44] (0) 1438 727601
Freephone: 0800 282388

USA

Tel: [+1] (316) 522 4981
Fax: [+1] (316) 522 1360
Toll Free: 800 835 2352

As we are always seeking to improve our products, the information in this document gives only a general indication of the product capacity, performance and suitability, none of which shall form part of any contract. We reserve the right to make design changes without notice. All trademarks are acknowledged. Parent company Aeroflex, Inc. ©Aeroflex 2006.

www.aeroflex.com

info-test@eroflex.com



Our passion for performance is defined by three attributes represented by these three icons: solution-minded, performance-driven and customer-focused.