

Z1890

- Cost-effective in-circuit test targets manufacturing defects
- Product function test and in-circuit process test combined in one platform
- Open architecture and built-in upgrade path
- Flexibility and high throughput
- Digital function testing and programming of flash memory, PLD and other memory devices
- Reduces manufacturing process steps, costs, and cycle times

The Z1890 is the industry's leader in cost efficiency, fast programming time, fast cycle time, and reliability. The Z1890 test system provides complete analog and digital power-on in-circuit testing for manufacturing defects. The Z1890 also provides a practical, cost effective means to add product function test (PFT) in a single manufacturing process step.

Standard MultiScan vectorless test finds manufacturing faults on even the largest VLSI and custom devices with almost no programming effort and no test vectors. Product function test allows you to combine IEEE, VXI and custom instrumentation. Programming is accomplished via graphical worksheet style interfaces. The integrated National Instruments' LabWindows* environment features virtual instrument user interfaces with hundreds of available instrument drivers.

Functional interface board (FIB) on Z1800-Series route high-bandwidth signals to the main switch matrix. The FIB also incorporates high current switching and custom "breadboard" circuit modules. Automatic test generation and validation tools increase test generation and production testing yields. Comprehensive analog, digital, and synchronous mixed-signal test capability allow for testing of the most complex boards being built today.

The available Digital Function Processor (DFP) delivers comprehensive digital



functional stimulus/measurement for Intel Flash memory, PLD and other memory testing and programming. The Z1800-Series is available in various system configurations, pre-wired for 1024 to 5120 analog/digital pins. Board-under-test power supplies include 5V, and two 0-55V (programmable). The system is equipped with system self test and diagnostics. Designed with minimum footprint, ergonomic console, and available board handlers, the Z1800-Series integrates easily with automated SMT assembly lines.

The Z1800-Series uses the 80486/66MHz PC (or faster) system controller (not included) and DOS & Windows*-compatible software. Real-time ProcessWatch* software monitors the assembly process and provides alarms and charts.

INTEL FLASH MEMORY SUPPORTED:

28F010, 28F001BX, 28F020, 28F002BC, 28F002BL, 28F002BV, 28F002BX, 28F200BL, 28F200BV, 28F200BX, 28F200CV, 28F004BE, 28F004BL, 28F004BV, 28F004BX, 28F004SC, 28F400BL, 28F400BV, 28F400BX, 28F400CE, 28F400CV, 28F008BE, 28F008BV, 28F008SA, 28F008SC, 28F800BV, 28F800CE, 28F800CV, 28F016SA, 28F016SC, 28F016SV, 28F016XD, 28F016XS, 28F032SA

AVAILABILITY:

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