SPARROW
MTS 30

- Up to 1,152 pins
- Small footprint – 19 inch portable rack
- Highly flexible test system
- Simple integration into in-line systems and/or 19 inch racks
- Fast access interface (FAI) for easy maintenance
- Analog and digital in-circuit test (low voltage technology), functional test, end-of-line test, Boundary Scan
- Available as Lambda Edition for real parallel testing

The Sparrow provides the highest level of flexibility and test capability in a small footprint.
CITE TEST SYSTEM SOFTWARE (INCLUDED)

**Program development**
- Automatic Program Generator (APG) generates test programs using the board description (manual or automatical generation).
- Library for analog and digital IC’s.
- Functional test enhancements using Menu Aided Programming (MAP).
- Test program code language based on Visual Basic (VB) 6, VB .NET and/or table based GenFast.
- Translation of test programs from common test systems and all MTS test systems.
- Recording test results (failing data and/or complete measurement results) to use for repair and traceability.

**Program debugging**
- Powerful debugging using table based GenFast (mainly for analog ICT) and/or all functionality provided by Visual Basic 6 and VB .NET.
- Single step mode execution available.
- Debug window for displaying measurement results.
- Possibility to make changes to all command parameters and directly seeing their impact.
- Layout viewer, schematics viewer (optional), highlighting failing component to support debug work.

**Selftest**
- Checks the hardware of test system and localizes faulty modules (diagnosis down to relay-level).

**QCAM (test stability report)**
- Reports the stability and quality of a test program. Makes debugging easy and efficient.

SOFTWARE OPTIONS

**C-LINK Design to Manufacturing Software**
- Automatic generation of fixture-data, net lists, parts lists, layout data etc.

**QMAN Quality Management Software**
- Paperless repair, statistics, quality data management, fault catalogue.

**Boundary Scan**
- Boundary Scan software integration: development, execution and diagnostics.

**LabView and TestStand**
- Link to National Instruments LabView or TestStand available.

Company
Digitaltest is a strong partner of the electronics industry and has more than 35 years of experience in development, implementation and support of automated test equipment (ATE) for printed circuit boards. The complete product portfolio of the global company includes hardware technology, software to automate the production and evaluate the production process with its quality management software.

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