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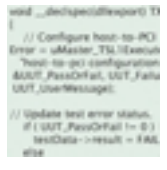
Instrumentation

We provide turnkey test and debug solutions, matched to your needs.



Test programming

If you lack in-house programming resources, we can write test programs on your behalf.



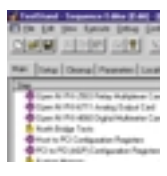
Fixturing

Whatever the complexity of fixturing you need, we can help build it for you.



User Interface

Interface features and modes can be customized to meet your requirements.



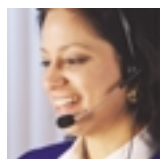
Documentation

On-line help and instruction manuals are designed to minimize the learning curve.



Training

Training can be provided via the Internet, or on site.



```

void __declspec(dllexport) TX_TEST
{
    // Configure host-to-PCI configuration register
    Error = uMaster_TSLU_Execute (PCM95
    "host-to-pci configuration register
    &UUT_PassOrFail, UUT_FailureDetails,
    UUT_UserMessage);

    // Update test error status.
    if ( UUT_PassOrFail != 0 )
        testData->result = FAIL;
    else
        testData->result = PASS;

    // Update function error status
    if ( Error >= 0 )
        testError->errorFlag = FAIL;
    else
        testError->errorFlag = TRUE;

    // Update the user error message
    if( UUT_UserMessage != 0 )
        testData->outBuffer = UUT_UserMessage;

    return;
}

```

test the shadow RAM
 BasicRWRAMTest 000C0000 000FFFFFF #ERR_ShadowRam
 RAMBusTest 000C0000 000FFFFFF #ERR_ShadowRam
 Turn off shadow RAM, and turn on boot ROM, ready for CRC test
 WriteIODWord 0CF8 80000058
 WriteIODWord 0CF8 00000003
 WriteIODWord 0CF8 8000005C
 WriteIODWord 0CF8 00000000

Test Development Services

complete turnkey solutions for board-level test, debug and repair



Our Services

90 Years Wise!

Our staff have a total experience of about 90 years in the development of high-quality functional test and debug solutions for all types of complex boards and products. So if you need help with your next project, just call us for your free proposal and quotation.

They're happy...

We've already helped a wide range of customers with a variety of applications in different market sectors:

- One of the world's largest notebook manufacturers, based in Taiwan and China, has installed 120 of our testers on their notebook assembly lines.
- A multi-national communications company uses our solutions to test their industrial VME/cPCI boards.
- Working in combination with a major notebook OEM and their subcontract manufacturers, we have significantly improved their repair yields and efficiency.
- We have developed a combined JTAG test solution for an OEM that supplies non-Windows® PC's.
- We developed a functional tester for the complex, dual-processor server boards of a major OEM.

Visit the following web page for sample customers:
www.intertesttech.com/ate/customers_examples.htm

Our Expertise

Project Management

We can provide a range of test and debug services, from consultancy to complete project management.

- Working with you as a team improves efficiency and reduces your costs
- You gain flexibility in dealing with fluctuating workloads

Instrumentation

Whatever test strategy you have adopted, we can combine our solutions with 3rd party equipment to provide a fully integrated system, e.g.

- Rack and stack instrumentation
- PXI instrumentation
- Integration with ICT / MDA equipment
- Integrated boundary scan solutions

Hardware Design

Our test and debug solutions are designed in-house so we are able to offer these services to our customers:

- Microprocessor and microcontroller board design
- Digital design ● FPGA/CPLD design
- PCB layout ● Design for test (DFT)
- Design for manufacturing (DFM)

Test Programming

Our team of dedicated support staff provides customized test programs in a wide range of languages:

- C/C++
- National Instruments™ LabWindows™/CVI™
- National Instruments™ LabView™
- Microsoft® Visual Basic®
- Assembly language

Fixturing

Working with a number of fixturing partners, we can supply a wide range of solutions to any location:

- Simple fixtures for debug port access (5-10 pins)
- Low-cost, manual test fixtures
- Semi-automated functional test fixtures
- Fully-automated, in-line functional test fixtures

User Interface

Responding quickly to your needs is our highest priority. Our in-house software design team devotes a high percentage of time to the implementation of user requested features, including:

- User requested functions or controls
- Customized test executives
- Integration with SPC systems and databases

Our Follow-up

When we deliver your test or debug solution, we ensure that you know how to use it effectively. Your success is very important to us: there's no better publicity than word-of-mouth referrals!

Documentation

A wide selection of documentation is provided with every test and debug solution:

- CD-based manuals
- Getting Started Guide
- Built-in, context-sensitive help
- Test programming samples
- Application notes

Training

Our experienced support staff provide training at the appropriate level for your needs. The following training can be given either via the Internet or on site:

- Operator-level training
- Basic test development
- Advanced test development

We don't bite!

If you're even slightly interested in any of the above services, please contact us for more details. We will be happy to provide a free quotation with no obligations on your behalf.

Our engineering offices are based in the USA, UK and Ireland.

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