

计算机测量与控制

6

COMPUTER MEASUREMENT & CONTROL

2015

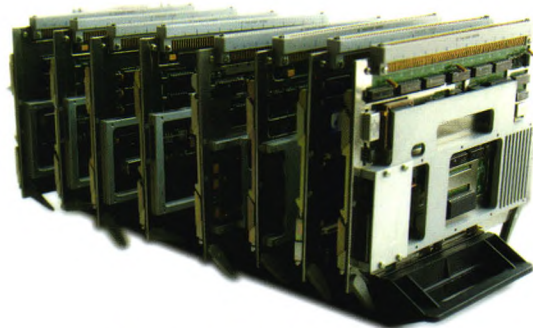
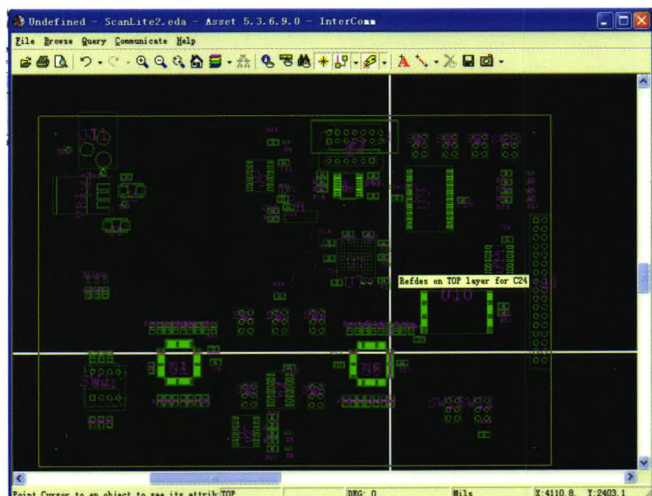
中国计算机自动测量与控制技术协会主办

第23卷

边界扫描 测试技术

Boundary Scan Test Technology

专业电路板故障检测工具



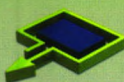
- 快速有效解决开路、短路故障。
- 定位精确，可具体到器件管脚。

ASSET™
Driving Embedded Instrumentation

JTAG测试领导者

From 1995

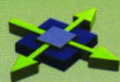
SCANWORKS®
Platform for Embedded Instruments



BST

Boundary-Scan Test

Verify interconnects and provide access to ICs on a board



PCT

Processor-Controlled Test

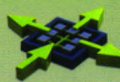
Control the μ Processor to enable functional all-speed test and debug a board



HSIO

High-Speed I/O Validation

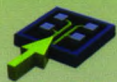
Validate high-speed serdes links between ICs and chipsets e.g. Intel®



FCT

FPGA-Controlled Test

Insert temporary test IP blocks into on-board FPGAs to test board functions



IJTAG

Internal JTAG Test

Control embedded instruments with the standard IJTAG interface on SoCs and ASICs



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万方数据



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主管单位: 中国航天科工集团公司

主办单位: 中国计算机自动测量与控制技术协会

编辑出版: 《计算机测量与控制》杂志社

通讯地址: 北京市海淀区阜成路甲8号

航天科工大厦四层

邮政编码: 100048

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电子邮箱: ck@chinamca.com

投稿网址: www.chinamca.com

印刷: 北京强华印刷厂

总发行处: 北京报刊发行局

订阅处: 全国各地邮局

邮发代号: 82-16

ISSN 1671-4598

刊号: CN 11-4762/TP

国外发行: 中国国际图书贸易总公司

(北京399信箱 100044)

国外代号: M1480

广告经营许可证: 京海工商广字第8179号(1-1)

帐户: 《计算机测量与控制》杂志社

帐号: 11001085400059612076

开户银行: 建行北京阜成路支行

出版日期: 2015年06月25日

国内定价: 每期定价30.00元/册

国外定价: 全年120美元

港澳台全年定价480元(含邮资)

本期责任编辑: 任旺芳

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Competent Authority:

China Aerospace Science & Industry Corp.

Sponsor:

China Association of Computer Automated
Measurement and Control Technology

Edited and Published by:

Magazine Agency of Computer Measurement &
Control

Address:

4th floor, China Aerospace Mansion No. a8
Fucheng road, Haidian district, Beijing
100048, China

Tel: 010-68372068

Fax: 010-68372068

E-mail: ck@chinamca.com

Http: www.chinamca.com

General Issue:

Beijing Bureau for Distribution of Newspapers
and Journals

Domestic Distributor:

All Local Post Office in China

Code Name: 82-16

Publication Number:

ISSN 1671-4598

CN 11-4762/TP

Overseas Distributor:

China International Book Trading Corporation, P.
O. Box 399, Beijing, 100044, China

Overseas Postal Code Name: M1480

Publishing Date: 25th Jun. 2015

Domestic Price: ¥30/Each

Overseas Price: \$10/Each

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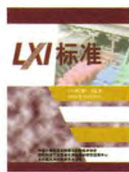
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刊号: ISSN 1671-4598
CN 11-4762/TP

邮发代号: 82-16

定价: 30.00元