

A generic synthesizable NoC switch with a scalable testbench

Govind, Vineeth; **Raik, Jaan; Ubar, Raimund-Johannes** BEC 2006 : 2006 International Baltic Electronics Conference : Tallinn University of Technology, October 2-4, 2006, Tallinn, Estonia : proceedings of the 10th Biennial Baltic Electronics Conference 2006 / p. 91-94 : ill

A new high power factor single-phase diode rectifier with optimum ripple-power conversion

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A tool for advanced learning of LFSR-based testing principles

Jutman, Artur; Tšertov, Anton; Ubar, Raimund-Johannes BEC 2006 : 2006 International Baltic Electronics Conference : Tallinn University of Technology, October 2-4, 2006, Tallinn, Estonia : proceedings of the 10th Biennial Baltic Electronics Conference 2006 / p. 175-178 : ill

Automated XML-based test modelling for mixed-signal circuits

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A bio-impedance signal synthesiser (BISS) for testing of an adaptive filtering system

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Broadcast in near-field region of transmitter antenna

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Bus bar test bench development for common 3x3 matrix converter

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Clamp mode package diffusion welded power SiC Schottky diodes

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Development of automated measurement setup for standard resistors

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Establishment of national standard of voltage unit in Estonia

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Functional test generation for finite state machines

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Graph embedding in boolean hypercube

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Improved VHDL input for high-level synthesis tool xTractor

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Isolated DC/DC converter topology with a three-phase intermediate AC-link

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LFSR polynomial and seed selection using genetic algorithm

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Modeling in the bioimpedance measurement techniques using general-purpose software

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Multifrequency vector impedance measurement: undersampled DFT with noise pre-filtering

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Numerical investigation of digitised parabolic quantum wells for terahertz AlGaAs/GaAs structures

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Open source on-chip logic analyzer for FPGA-s

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Optimization of the store-and-generate based built-in self-test

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Outlook of usage of supercapacitors in uninterruptible power supplies

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Self-organization in ad hoc wireless networks

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SiC Schottky diode for use in power convertors

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Simulation of intra-cardiac complex impedance signals for developing simple bio-impedance models for cardio-dynamics

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Static and dynamic behavior of the SiC complementary JBS structures

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Testability analysis of digital design verification

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The basic Schottky parameters for combined diffusion welded and sputter metal contacts

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TTBist: a DFT tool for enhancing functional test for SoC

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