

Asynchronous fault detection in IEEE P1687 instrument network

Shibin, Konstantin; Devadze, Sergei; Jutman, Artur IEEE 23rd North Atlantic Test Workshop : 14-16 May 2014, Binghampton, New York : proceedings 2014 / p. 73-78 : ill

BASTION : board and SoC test instrumentation for ageing and no failure found

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Health management for self-aware SoCs based on IEEE 1687 infrastructure

Shibin, Konstantin; Devadze, Sergei; Jutman, Artur; Grabmann, Martin; Pricken, Robin IEEE Design & Test 2017 / p. 27-35 : ill
<https://doi.org/10.1109/MDAT.2017.2750902> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

IEEE 1687 compliant ecosystem for embedded instrumentation access and in-field health monitoring

Tšertov, Anton; Jutman, Artur; Shibin, Konstantin; Devadze, Sergei IEEE AUTOTESTCON 2018 : National Harbor, September 17-20, 2018 : proceedings 2018 / 9 p.: ill <https://doi.org/10.1109/AUTEST.2018.8532559>

IEEE P1687 JTAG demonstrator on FPGA

Shibin, Konstantin; Aleksejev, Igor; Jutman, Artur; Devadze, Sergei DATE 2012 University Booth : Design Automation and Test in Europe : Dresden, Germany, March 12-16, 2012 2012 / 1 p. : ill
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Invited paper: System-Wide Fault Management based on IEEE P1687 JTAG

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On NBTI-induced aging analysis in IEEE 1687 reconfigurable scan networks

Damljanovic, Aleksa; Squillero, Giovanni; Gürsoy, Cemil Cem; Jenihhin, Maksim VLSI-SoC 2019 : 27th IFIP/IEEE International Conference on Very Large Scale Integration : [proceedings] 2019 / p. 335-340 : ill <https://doi.org/10.1109/VLSI-SoC.2019.8920313>

On-line fault classification and handling in IEEE1687 based fault management system for complex SoCs

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System-wide fault management based on IEEE P1687 JTAG

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