

International Journal of **NETWORK SECURITY AND RESEARCH**

Volume 7

Number 2

July-December 2017



Contents

ASIC Design and Implementation of Low Power TTCAN Controller IP for Automotive Applications <i>Abhijeet Kumar & Cyril Prasanna Raj</i>	63-68
Prioritization of Test Case Using Inexpensive and Accurate Updated Coverage Data <i>A. Malini, R. Malathy & A. Askarunisa</i>	69-74
Power Analysis & Fault Diagnosis for Digital Circuits <i>B.K.V. Prasad, T. Madhu, P. Satish Kumar, B. S. Charles & S. Ravi</i>	75-79
Design of Error Tolerant Adder Using Optimized Full Adder for Image Processing and its Implementation in VLSI <i>S. Saranya & G. Durga</i>	81-86
VHDL Implementation of Anti-collision Algorithm for RFID Tag Identification <i>Sudip Dogra, Joyashree Bag & Subir Kumar Sarkar</i>	87-92
Anti-collision Algorithm with Priority Feature to Select Tags for Application in RFID System and its VLSI Implementation <i>Sudip Dogra, Joyashree Bag & Subir Kumar Sarkar</i>	93-97
Compression and Decompression of Test Vectors Using Encoding Method for Low Power VLSI Circuits <i>K. Paramasivam & K. Sathya</i>	99-103
Low Power Testing Of Vlsi Circuits Using Average Power Based Weighting Factors <i>K. Paramasivam & M. S. Sri Ranjini</i>	105-110
Scalable Modular Design of Finite Field Multipliers Using Systolic Architectures <i>Narendra babu CH & V. Rajmohan</i>	111-116
Fault Detection and Classification in Printed Circuit Board <i>Gnanou Florence Sudha & K. Anand Kumar</i>	117-122
VLSI Implementation of Cryptographic Algorithm Designed with Multimode Multiplier <i>M. Priyadharsini & E. D. Kammani Ruby</i>	123-127