

CONTENTS

A Power Consumption Activity Based Heterogeneous SOA Framework for Context-Aware Home Services <i>H. S. Cho, T. Kato, T. Yamazaki and M. Hahn</i>	1211
On-Chip Inductors Optimization for Ultra Wide Band Low Noise Amplifiers <i>J. del Pino, S. L. Khemchandani, R. Díaz-Ortega, R. Pulido and H. García-Vázquez</i>	1231
Arctangent Architecture for High Speed and High Precision Data <i>S. Tagzout and A. Belouchrani</i>	1243
Multifunctional CMOS Structure with Improved Linearity <i>C. Popa</i>	1261
High-Slew Rate Low-Quiescent Current Rail-to-Rail CMOS Buffer Amplifier for Flat Panel Displays <i>M. Yıldız, S. Minaei and E. Arslan</i>	1277
Modeling of Eddy Current Loss and Temperature of the Magnets in Permanent Magnet Machines <i>X. Ding and C. Mi</i>	1287
Analytical Modeling of Overshooting Effect in Sub-100 nm CMOS Inverters <i>L. Bisdounis</i>	1303
Parametric Deviation Based Analog Test and Diagnosis System <i>K. Ghosh, A. Roy, S. Mondal and B. Ray</i>	1323
An Efficient Reverse Converter for the New Four-Moduli Set $\{2^{2n}, 2^{n+1} - 1, 2^{n/2} + 1, 2^{n/2} - 1\}$ <i>M. Noorimehr, M. Hosseinzadeh and R. Farshidi</i>	1341

(Continued)

Cited in SciSearch®, ISI Alerting Services, Current Contents®/Engineering, Computing and Technology, Mathematical Reviews, INSPEC, io-port.net, Compendex and Computer Abstracts.