## Top 100 Documents Accessed: Jul 2006

**Display Format:**   ⦿ Citation   ◯ Citation & Abstract

---

**Article Information**

---

1.   **A unified approach to reduce SOC test data volume, scan power and testing time**
Chandra, A.; Chakrabarty, K.
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on
Volume 22, Issue 3, Date: Mar 2003, Pages: 352- 363
Digital Object Identifier 10.1109/TCAD.2002.807895

Abstract |Full Text: PDF (656 KB)

---

2.   **IEEE Standard for Local and metropolitan area networks Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems Amendment 2: Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands and Corrigendum 1**

IEEE Std 802.16e-2005 and IEEE Std 802.16-2004/Cor 1-2005 (Amendment and Corrigendum to IEEE Std 802.16-2004)
Volume , Issue , Date: 2006, Pages: 0_1- 822

Abstract |Full Text: PDF (5468 KB)

---

3.   **Numerical evaluation of myoglobin facilitated oxygen diffusion inthe heart**
Gardner, J.D.; Schubert, R.W.
Biomedical Engineering Conference, 1997., Proceedings of the 1997 Sixteenth Southern
Volume , Issue , Date: 4-6 Apr 1997, Pages: 366-369
Digital Object Identifier 10.1109/SBEC.1997.583312

Abstract |Full Text: PDF (396 KB)

---

4.   **A CMOS transconductance-C filter technique for very highfrequencies**
Nauta, B.
Solid-State Circuits, IEEE Journal of
Volume 27, Issue 2, Date: Feb 1992, Pages: 142-153
Digital Object Identifier 10.1109/4.127337

Abstract |Full Text: PDF (1048 KB)

---

5.   **TCP congestion avoidance: a network calculus interpretation and performance improvements**
Chen, M.; Zhang, J.; Murthi, M.N.; Kamal Premaratne
INFOCOM 2005. 24th Annual Joint Conference of the IEEE Computer and Communications Societies. Proceedings IEEE
Volume 2, Issue , Date: 13-17 March 2005, Pages: 914- 925 vol. 2
Digital Object Identifier 10.1109/INFCOM.2005.1498321

Abstract |Full Text: PDF (632 KB)

---

6.   **Development of OLED with high stability and luminance efficiency by co-doping methods for full color displays**
Kanno, H.; Hamada, Y.; Takahashi, H.
Selected Topics in Quantum Electronics, IEEE Journal of
Volume 10, Issue 1, Date: Jan.-Feb. 2004, Pages: 30- 36
Digital Object Identifier 10.1109/JSTQE.2004.824076

Abstract |Full Text: PDF (280 KB)

---

7. **Achieving wireless broadband with WiMax**
Vaughan-Nichols, S.J.
Computer
Volume 37, Issue 6, Date: June 2004, Pages: 10- 13
Digital Object Identifier 10.1109/MC.2004.1266286

Full Text: PDF (336 KB)

8. **Broadband wireless access with WiMax/802.16: current performance benchmarks and future potential**
Ghosh, A.; Wolter, D.R.; Andrews, J.G.; Chen, R.
Communications Magazine, IEEE
Volume 43, Issue 2, Date: Feb. 2005, Pages: 129- 136
Digital Object Identifier 10.1109/MCOM.2005.1391513

Abstract |Full Text: PDF (526 KB)

9. **What is Bluetooth?**
McDermott-Wells, P.
Potentials, IEEE
Volume 23, Issue 5, Date: Dec. 2004-Jan. 2005, Pages: 33- 35
Digital Object Identifier 10.1109/MP.2005.1368913

Abstract |Full Text: PDF (545 KB)

10. **Head/eye calibration of a binocular head by use of singlecalibration point**
Sheng-Wen Shih; Yi-Ping Hung; Wei-Song Lin
Image Analysis and Interpretation, 1994., Proceedings of the IEEE Southwest Symposium on
Volume , Issue , Date: 21-24 Apr 1994, Pages: 154-159
Digital Object Identifier 10.1109/IAI.1994.336666

Abstract |Full Text: PDF (448 KB)

11. **Phase Noise and Jitter in CMOS Ring Oscillators**
Abidi, A.A.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 8, Date: Aug. 2006, Pages: 1803- 1816
Digital Object Identifier 10.1109/JSSC.2006.876206

Abstract |Full Text: PDF (1272 KB)

12. **IEEE recommended practice for software requirements specifications**

IEEE Std 830-1998
Volume , Issue , Date: 20 Oct 1998, Pages: -

Abstract |Full Text: PDF (444 KB)

13. **A survey on sensor networks**
Akyildiz, I.F.; Weilian Su; Sankarasubramaniam, Y.; Cayirci, E.
Communications Magazine, IEEE
Volume 40, Issue 8, Date: Aug 2002, Pages: 102- 114
Digital Object Identifier 10.1109/MCOM.2002.1024422

Abstract |Full Text: PDF (990 KB)

14. **RFID: a technical overview and its application to the enterprise**
Weinstein, R.
IT Professional
Volume 7, Issue 3, Date: May-June 2005, Pages: 27- 33
Digital Object Identifier 10.1109/MITP.2005.69

Abstract |Full Text: PDF (696 KB)

15. **A survey on wireless mesh networks**
Akyildiz, I.F.; Xudong Wang
Communications Magazine, IEEE
Volume 43, Issue 9, Date: Sept. 2005, Pages: S23- S30
Digital Object Identifier 10.1109/MCOM.2005.1509968

Abstract |Full Text: PDF (138 KB)

---

16. **A simple transmit diversity technique for wireless communications**
Alamouti, S.M.
Selected Areas in Communications, IEEE Journal on
Volume 16, Issue 8, Date: Oct 1998, Pages: 1451-1458
Digital Object Identifier 10.1109/49.730453

Abstract |Full Text: PDF (224 KB)

---

17. **A Low-Power High-Performance SiGe BiCMOS 802.11a/b/g Transceiver IC for Cellular and Bluetooth Co-Existence Applications**
Charlon, O.; Locher, M.; Visser, H.A.; Duperray, D.; Chen, J.; Judson, M.; Landesman, A.L.; Hritz, C.; Kohlschuetter, U.; Zhang, Y.; Ramesh, C.;
Daanen, A.; Gao, M.; Haas, S.; Maheshwari, V.; Bury, A.; Nitsche, G.; Wrzyszcz, A.; Redman-White, W.; Bonakdar, H.; Waffaoui, R.E.; Bracey, M.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 7, Date: July 2006, Pages: 1503- 1512
Digital Object Identifier 10.1109/JSSC.2006.873933

Abstract |Full Text: PDF (2432 KB)

---

18. **Emerging standards for wireless mesh technology**
Lee, M.J.; Jianliang Zheng; Young-Bae Ko; Shrestha, D.M.
Wireless Communications, IEEE [see also IEEE Personal Communications]
Volume 13, Issue 2, Date: April 2006, Pages: 56- 63
Digital Object Identifier 10.1109/MWC.2006.1632481

Abstract |Full Text: PDF (169 KB)

---

19. **MAC protocols for wireless sensor networks: a survey**
Demirkol, I.; Ersoy, C.; Alagoz, F.
Communications Magazine, IEEE
Volume 44, Issue 4, Date: April 2006, Pages: 115- 121
Digital Object Identifier 10.1109/MCOM.2006.1632658

Abstract |Full Text: PDF (118 KB)

---

20. **Paradigm shift - an introduction to fuzzy logic**
Bih, J.
Potentials, IEEE
Volume 25, Issue 1, Date: Jan.-Feb. 2006, Pages: 6- 21

Abstract |Full Text: PDF (518 KB)

---

21. **Qality of service support in IEEE 802.16 networks**
Cicconetti, C.; Lenzini, L.; Mingozzi, E.; Eklund, C.
Network, IEEE
Volume 20, Issue 2, Date: March-April 2006, Pages: 50- 55
Digital Object Identifier 10.1109/MNET.2006.1607896

Abstract |Full Text: PDF (150 KB)

---

22. **Design and implementation of a simulator based on a cross-layer protocol between MAC and PHY layers in a WiBro Compatible.IEEE 802.16e OFDMA system**
Taesoo Kwon; Howon Lee; Sik Choi; Juyeop Kim; Dong-Ho Cho; Sunghyun Cho; Sangboh Yun; Won-Hyoung Park; Kiho Kim
Communications Magazine, IEEE
Volume 43, Issue 12, Date: Dec. 2005, Pages: 136- 146
Digital Object Identifier 10.1109/MCOM.2005.1561931

Abstract |Full Text: PDF (178 KB)

23. **A tutorial on hidden Markov models and selected applications inspeech recognition**
Rabiner, L.R.
Proceedings of the IEEE
Volume 77, Issue 2, Date: Feb 1989, Pages: 257-286
Digital Object Identifier 10.1109/5.18626

Abstract |Full Text: PDF (2272 KB)

24. **The capacity of wireless networks**
Gupta, P.; Kumar, P.R.
Information Theory, IEEE Transactions on
Volume 46, Issue 2, Date: Mar 2000, Pages: 388-404
Digital Object Identifier 10.1109/18.825799

Abstract |Full Text: PDF (376 KB)

25. **Overview of the H.264/AVC video coding standard**
Wiegand, T.; Sullivan, G.J.; Bjntegaard, G.; Luthra, A.
Circuits and Systems for Video Technology, IEEE Transactions on
Volume 13, Issue 7, Date: July 2003, Pages: 560- 576
Digital Object Identifier 10.1109/TCSVT.2003.815165

Abstract |Full Text: PDF (904 KB)

26. **Mesh WLAN networks: concept and system design**
Faccin, S.M.; Wijting, C.; Kenckt, J.; Damle, A.
Wireless Communications, IEEE [see also IEEE Personal Communications]
Volume 13, Issue 2, Date: April 2006, Pages: 10- 17
Digital Object Identifier 10.1109/MWC.2006.1632476

Abstract |Full Text: PDF (236 KB)

27. **A personal history of the Viterbi algorithm**
Viterbi, A.J.
Signal Processing Magazine, IEEE
Volume 23, Issue 4, Date: July 2006, Pages: 120- 142
Digital Object Identifier 10.1109/MSP.2006.1657823

Abstract |Full Text: PDF (146 KB)

28. **A Low-Power 22-bit Incremental ADC**
Quiquempoix, V.; Deval, P.; Barreto, A.; Bellini, G.; Markus, J.; Silva, J.; Temes, G.C.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 7, Date: July 2006, Pages: 1562- 1571
Digital Object Identifier 10.1109/JSSC.2006.873891

Abstract |Full Text: PDF (1832 KB)

29. **Oxygen precipitation in silicon**
Craven, R.A.
Electron Devices Meeting, 1981 International
Volume 27, Issue , Date: 1981, Pages: 228- 231


Abstract |Full Text: PDF (368 KB)

30. **An introduction to RFID technology**
Want, R.
Pervasive Computing, IEEE
Volume 5, Issue 1, Date: Jan.-March 2006, Pages: 25- 33
Digital Object Identifier 10.1109/MPRV.2006.2

Abstract |Full Text: PDF (2936 KB)

31. **Metamaterial-based efficient electrically small antennas**
Ziolkowski, R.W.; Erentok, A.
Antennas and Propagation, IEEE Transactions on
Volume 54, Issue 7, Date: July 2006, Pages: 2113- 2130
Digital Object Identifier 10.1109/TAP.2006.877179

Abstract |Full Text: PDF (2104 KB)

32. **55-mW 200-MSPS 10-bit Pipeline ADCs for Wireless Receivers**
Kurose, D.; Ito, T.; Ueno, T.; Yamaji, T.; Itakura, T.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 7, Date: July 2006, Pages: 1589- 1595
Digital Object Identifier 10.1109/JSSC.2006.873888

Abstract |Full Text: PDF (984 KB)

33. **Capacity limits of MIMO channels**
Goldsmith, A.; Jafar, S.A.; Jindal, N.; Vishwanath, S.
Selected Areas in Communications, IEEE Journal on
Volume 21, Issue 5, Date: June 2003, Pages: 684- 702
Digital Object Identifier 10.1109/JSAC.2003.810294

Abstract |Full Text: PDF (728 KB)

34. **Migration to 4 G: Mobile IP based Solutions**
Santhi, K.R.; Kumaran, G.S.
Telecommunications, 2006. AICT-ICIW apos;06. International Conference on Internet and Web Applications and Services/Advanced International Conference on
Volume , Issue , Date: 19-25 Feb. 2006, Pages: 76- 76
Digital Object Identifier 10.1109/AICT-ICIW.2006.128

Abstract |Full Text: PDF (240 KB)

35. **Metcalfeapos;s law is wrong - communications networks increase in value as they add members-but by how much?**
Briscoe, B.; Odlyzko, A.; Tilly, B.
Spectrum, IEEE
Volume 43, Issue 7, Date: July 2006, Pages: 34- 39
Digital Object Identifier 10.1109/MSPEC.2006.1653003

Abstract |Full Text: PDF (4805 KB)

36. **Broadband MIMO-OFDM wireless communications**
Stuber, G.L.; Barry, J.R.; McLaughlin, S.W.; Ye Li; Ingram, M.A.; Pratt, T.G.
Proceedings of the IEEE
Volume 92, Issue 2, Date: Feb 2004, Pages: 271- 294
Digital Object Identifier 10.1109/JPROC.2003.821912

Abstract |Full Text: PDF (1200 KB)| Full Text: HTML

37. **A 10-bit 400-MS/s 160-mW 0.13-$mu$m CMOS Dual-Channel Pipeline ADC Without Channel Mismatch Calibration**
Lee, S.-C.; Kim, K.-D.; Kwon, J.-K.; Kim, J.; Lee, S.-H.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 7, Date: July 2006, Pages: 1596- 1605
Digital Object Identifier 10.1109/JSSC.2006.873862

Abstract |Full Text: PDF (2504 KB)

38. **A Fast-Hopping Single-PLL 3-Band MB-OFDM UWB Synthesizer**
Van De Beek, R.C.H.; Leenaerts, D.M.W.; Van Der Weide, G.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 7, Date: July 2006, Pages: 1522- 1529
Digital Object Identifier 10.1109/JSSC.2006.873922

Abstract |Full Text: PDF (1688 KB)

---

39.  **From theory to practice: an overview of MIMO space-time coded wireless systems**
Gesbert, D.; Shafi, M.; Da-shan Shiu; Smith, P.J.; Naguib, A.
Selected Areas in Communications, IEEE Journal on
Volume 21, Issue 3, Date: Apr 2003, Pages: 281- 302
Digital Object Identifier 10.1109/JSAC.2003.809458

Abstract |Full Text: PDF (930 KB)

---

40.  **Waiting for gravity [gravitational wave detection]**
Bell, T.E.
Spectrum, IEEE
Volume 43, Issue 7, Date: July 2006, Pages: 40- 46
Digital Object Identifier 10.1109/MSPEC.2006.1653004

Abstract |Full Text: PDF (17147 KB)

---

41.  **Technical solutions for the 3G long-term evolution**
Ekstrom, H.; Furuskar, A.; Karlsson, J.; Meyer, M.; Parkvall, S.; Torsner, J.; Wahlqvist, M.
Communications Magazine, IEEE
Volume 44, Issue 3, Date: March 2006, Pages: 38- 45
Digital Object Identifier 10.1109/MCOM.2006.1607864

Abstract |Full Text: PDF (145 KB)

---

42.  **A primer on cryptography in communications**
Kartalopoulos, S.V.
Communications Magazine, IEEE
Volume 44, Issue 4, Date: April 2006, Pages: 146- 151
Digital Object Identifier 10.1109/MCOM.2006.1632662

Abstract |Full Text: PDF (502 KB)

---

43.  **A GSM-GPRS/UMTS FDD-TDD/WLAN 802.11a-b-g Multi-Standard Carrier Generation System**
Koukab, A.; Lei, Y.; Declercq, M.J.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 7, Date: July 2006, Pages: 1513- 1521
Digital Object Identifier 10.1109/JSSC.2006.873928

Abstract |Full Text: PDF (2392 KB)

---

44.  **MOS operational amplifier design-a tutorial overview**
Gray, P.R.; Meyer, R.G.
Solid-State Circuits, IEEE Journal of
Volume 17, Issue 6, Date: Dec 1982, Pages: 969- 982

Abstract |Full Text: PDF (1536 KB)

---

45.  **IEEE Standard for Local and Metropolitan Area Networks Part 16: Air Interface for Fixed Broadband Wireless Access Systems**

IEEE Std 802.16-2004 (Revision of IEEE Std 802.16-2001)
Volume , Issue , Date: 2004, Pages: 0_1- 857

Abstract |Full Text: PDF (6002 KB)

---

46.  **Survey of clustering algorithms**
Rui Xu; Wunsch, D., II
Neural Networks, IEEE Transactions on
Volume 16, Issue 3, Date: May 2005, Pages: 645- 678
Digital Object Identifier 10.1109/TNN.2005.845141

Abstract |Full Text: PDF (1544 KB)

---

47. **Communication over a wireless network with random connections**
Gowaikar, R.; Hochwald, B.; Hassibi, B.
Information Theory, IEEE Transactions on
Volume 52, Issue 7, Date: July 2006, Pages: 2857- 2871
Digital Object Identifier 10.1109/TIT.2006.876254

Abstract |Full Text: PDF (544 KB)

---

48. **IEEE standard for information technology- telecommunications and information exchange between systems- local and metropolitan area networks- specific requirements Part II: wireless LAN medium access control (MAC) and physical layer (PHY) specifications**

IEEE Std 802.11g-2003 (Amendment to IEEE Std 802.11, 1999 Edn. (Reaff 2003) as amended by IEEE Stds 802.11a-1999, 802.11b-1999, 802.11b-1999/Cor 1-2001, and 802.11d-2001)
Volume , Issue , Date: 2003, Pages: i- 67

Abstract |Full Text: PDF (1754 KB)

---

49. **Security standards for the RFID market**
Phillips, T.; Karygiannis, T.; Kuhn, R.
Security & Privacy Magazine, IEEE
Volume 3, Issue 6, Date: Nov.-Dec. 2005, Pages: 85- 89
Digital Object Identifier 10.1109/MSP.2005.157

Abstract |Full Text: PDF (304 KB)

---

50. **A Cellular-Band CDMA 0.25-$\mu$m CMOS LNA Linearized Using Active Post-Distortion**
Kim, N.; Aparin, V.; Barnett, K.; Persico, C.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 7, Date: July 2006, Pages: 1530- 1534
Digital Object Identifier 10.1109/JSSC.2006.873909

Abstract |Full Text: PDF (432 KB)

---

51. **A Direct Conversion Receiver With an IP2 Calibrator for CDMA/PCS/GPS/AMPS Applications**
Kim, W.; Yang, S.-G.; Yu, J.; Shin, H.; Choo, W.; Park, B.-H.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 7, Date: July 2006, Pages: 1535- 1541
Digital Object Identifier 10.1109/JSSC.2006.873926

Abstract |Full Text: PDF (1376 KB)

---

52. **Enabling RFID in retail**
Roussos, G.
Computer
Volume 39, Issue 3, Date: March 2006, Pages: 25- 30
Digital Object Identifier 10.1109/MC.2006.88

Abstract |Full Text: PDF (1304 KB)

---

53. **A road to future broadband wireless access: MIMO-OFDM-Based air interface**
Hongwei Yang
Communications Magazine, IEEE
Volume 43, Issue 1, Date: Jan. 2005, Pages: 53- 60
Digital Object Identifier 10.1109/MCOM.2005.1381875(410) 4

Abstract |Full Text: PDF (524 KB)

---

54. **Single-Chip CMOS Pulse Generator for UWB Systems**
Smaini, L.; Tinella, C.; Helal, D.; Stoecklin, C.; Chabert, L.; Devaucelle, C.; Cattenoz, R.; Rinaldi, N.; Belot, D.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 7, Date: July 2006, Pages: 1551- 1561

Digital Object Identifier 10.1109/JSSC.2006.873896

---

55.    **The history of RFID**
       Landt, J.
       Potentials, IEEE
       Volume 24, Issue 4, Date: Oct.-Nov. 2005, Pages: 8- 11
       Digital Object Identifier 10.1109/MP.2005.1549751

---

56.    **Interference-aware IEEE 802.16 WiMax mesh networks**
       Hung-Yu Wei; Ganguly, S.; Izmailov, R.; Haas, Z.J.
       Vehicular Technology Conference, 2005. VTC 2005-Spring. 2005 IEEE 61st
       Volume 5, Issue , Date: 30 May-1 June 2005, Pages: 3102- 3106 Vol. 5
       Digital Object Identifier 10.1109/VETECS.2005.1543918

---

57.    **A touch of money [biometric authentication systems]**
       Jain, A.K.; Pankanti, S.
       Spectrum, IEEE
       Volume 43, Issue 7, Date: July 2006, Pages: 22- 27
       Digital Object Identifier 10.1109/MSPEC.2006.1653001

---

58.    **All-digital PLL and transmitter for mobile phones**
       Staszewski, R.B.; Wallberg, J.L.; Rezeq, S.; Chih-Ming Hung; Eliezer, O.E.; Vemulapalli, S.K.; Fernando, C.; Maggio, K.; Staszewski, R.; Barton, N.; Meng-Chang Lee; Cruise, P.; Entezari, M.; Muhammad, K.; Leipold, D.
       Solid-State Circuits, IEEE Journal of
       Volume 40, Issue 12, Date: Dec. 2005, Pages: 2469- 2482
       Digital Object Identifier 10.1109/JSSC.2005.857417

---

59.    **Wireless mesh networking: theories, protocols, and systems**
       Xudong Wang; Sunghyun Choi; Hubaux, J.-P.
       Wireless Communications, IEEE [see also IEEE Personal Communications]
       Volume 13, Issue 2, Date: April 2006, Pages: 8- 9
       Digital Object Identifier 10.1109/MWC.2006.1632475

---

60.    **A 60-GHz CMOS receiver front-end**
       Razavi, B.
       Solid-State Circuits, IEEE Journal of
       Volume 41, Issue 1, Date: Jan. 2006, Pages: 17- 22
       Digital Object Identifier 10.1109/JSSC.2005.858626

---

61.    **System-on-chip: reuse and integration**
       Saleh, R.; Wilton, S.; Mirabbasi, S.; Hu, A.; Greenstreet, M.; Lemieux, G.; Pande, P.P.; Grecu, C.; Ivanov, A.
       Proceedings of the IEEE
       Volume 94, Issue 6, Date: June 2006, Pages: 1050- 1069
       Digital Object Identifier 10.1109/JPROC.2006.873611

62. **PID control system analysis and design**
Yun Li; Kiam Heong Ang; Chong, G.C.Y.
Control Systems Magazine, IEEE
Volume 26, Issue 1, Date: Feb. 2006, Pages: 32- 41
Digital Object Identifier 10.1109/MCS.2006.1580152

Abstract |Full Text: PDF (1252 KB)

---

63. **Antenna design for UHF RFID tags: a review and a practical application**
Rao, K.V.S.; Nikitin, P.V.; Lam, S.F.
Antennas and Propagation, IEEE Transactions on
Volume 53, Issue 12, Date: Dec. 2005, Pages: 3870- 3876
Digital Object Identifier 10.1109/TAP.2005.859919

Abstract |Full Text: PDF (808 KB)

---

64. **A low phase-noise CMOS VCO with harmonic tuned LC tank**
Huijung Kim; Seonghan Ryu; Yujin Chung; Jinsung Choi; Bumman Kim
Microwave Theory and Techniques, IEEE Transactions on
Volume 54, Issue 7, Date: July 2006, Pages: 2917- 2924
Digital Object Identifier 10.1109/TMTT.2006.877439

Abstract |Full Text: PDF (1176 KB)

---

65. **A theory for multiresolution signal decomposition: the waveletrepresentation**
Mallat, S.G.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 11, Issue 7, Date: Jul 1989, Pages: 674-693
Digital Object Identifier 10.1109/34.192463

Abstract |Full Text: PDF (1524 KB)

---

66. **An industry perspective on current and future state of the art in system-on-chip (SoC) technology**
Claasen, T.A.C.M.
Proceedings of the IEEE
Volume 94, Issue 6, Date: June 2006, Pages: 1121- 1137
Digital Object Identifier 10.1109/JPROC.2006.873616

Abstract |Full Text: PDF (968 KB)

---

67. **The First Fully Integrated Quad-Band GSM/GPRS Receiver in a 90-nm Digital CMOS Process**
Muhammad, K.; Ho, Y.-C.; Mayhugh, T.L., Jr.; Hung, C.-M.; Jung, T.; Elahi, I.; Lin, C.; Deng, I.; Fernando, C.; Wallberg, J.L.; Vemulapalli, S.K.; Larson, S.; Murphy, T.; Leipold, D.; Cruise, P.; Jaehnig, J.; Lee, M.-C.; Staszewski, R.B.; Staszewski, R.; Maggio, K.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 8, Date: Aug. 2006, Pages: 1772- 1783
Digital Object Identifier 10.1109/JSSC.2006.877271

Abstract |Full Text: PDF (1744 KB)

---

68. **Tail Current-Shaping to Improve Phase Noise in LC Voltage-Controlled Oscillators**
Soltanian, B.; Kinget, P.R.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 8, Date: Aug. 2006, Pages: 1792- 1802
Digital Object Identifier 10.1109/JSSC.2006.877273

Abstract |Full Text: PDF (1392 KB)

---

69. **IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications Amendment 8: Medium Access Control (MAC) Quality of Service Enhancements**

IEEE Std 802.11e-2005 (Amendment to IEEE Std 802.11, 1999 Edition (Reaff 2003)
Volume , Issue , Date: 2005, Pages: 0_1- 189

---

70. **A Time-Interleaved Continuous-Time $\Delta\Sigma$ Modulator With 20-MHz Signal Bandwidth**
Caldwell, T.C.; Johns, D.A.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 7, Date: July 2006, Pages: 1578- 1588
Digital Object Identifier 10.1109/JSSC.2006.873889

---

71. **A Cross-Layer Scheduling Algorithm With QoS Support in Wireless Networks**
Liu, Q.; Wang, X.; Giannakis, G.B.
Vehicular Technology, IEEE Transactions on
Volume 55, Issue 3, Date: May 2006, Pages: 839- 847
Digital Object Identifier 10.1109/TVT.2006.873832

---

72. **Broadband short-circuited triangular patch antenna**
Row, J.-S.; Yen-Yu Liou
Antennas and Propagation, IEEE Transactions on
Volume 54, Issue 7, Date: July 2006, Pages: 2137- 2141
Digital Object Identifier 10.1109/TAP.2006.875916

---

73. **RFID Code Structure and Tag Data Structure for Mobile RFID Services in Korea**
Jun Seob Lee; Hyoung Jun Kim
Advanced Communication Technology, 2006. ICACT 2006. The 8th International Conference
Volume 2, Issue , Date: 20-22 Feb. 2006, Pages: 1053- 1055

---

74. **A survey of transport protocols for wireless sensor networks**
Chonggang Wang; Sohraby, K.; Bo Li; Daneshmand, M.; Yueming Hu
Network, IEEE
Volume 20, Issue 3, Date: May-June 2006, Pages: 34- 40
Digital Object Identifier 10.1109/MNET.2006.1637930

---

75. **Analysis of arbitrarily shaped dielectric radomes using adaptive integral method based on volume integral equation**
Jing-Li Guo; Jian-Ying Li; Qi-Zhong Liu
Antennas and Propagation, IEEE Transactions on
Volume 54, Issue 7, Date: July 2006, Pages: 1910- 1916
Digital Object Identifier 10.1109/TAP.2006.877157

---

76. **IEEE standard for software test documentation**

IEEE Std 829-1998
Volume , Issue , Date: 16 Dec 1998, Pages: -

---

77. **2005 Best Paper Award Recipients: A Message from the Editor-in-Chief**
vanderVeen, A.-J.
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on]
Volume 54, Issue 7, Date: July 2006, Pages: 2469- 2470
Digital Object Identifier 10.1109/TSP.2006.877079

---

78. **Old world, new grid [grid computing]**
Gagliardi, F.; Grey, F.
Spectrum, IEEE
Volume 43, Issue 7, Date: July 2006, Pages: 28- 33
Digital Object Identifier 10.1109/MSPEC.2006.1653002

---

79. **IEEE Std 802.11-1997 Information Technology- telecommunications And Information exchange Between Systems-Local And Metropolitan Area Networks-specific Requirements-part 11: Wireless Lan Medium Access Control (MAC) And Physical Layer (PHY) Specifications**

IEEE Std 802.11-1997
Volume , Issue , Date: 18 Nov 1997, Pages: i-445

---

80. **The adaptive equalizer**
Lucky, R.W.
Signal Processing Magazine, IEEE
Volume 23, Issue 3, Date: May 2006, Pages: 104- 107
Digital Object Identifier 10.1109/MSP.2006.1628883

---

81. **A 4th-Order Active-$G_m$-RC Reconfigurable (UMTS/WLAN) Filter**
Dapos;Amico, S.; Giannini, V.; Baschirotto, A.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 7, Date: July 2006, Pages: 1630- 1637
Digital Object Identifier 10.1109/JSSC.2006.873676

---

82. **A 15-bit 30-MS/s 145-mW Three-Step ADC for Imaging Applications**
Van Der Ploeg, H.; Vertregt, M.; Lammers, M.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 7, Date: July 2006, Pages: 1572- 1577
Digital Object Identifier 10.1109/JSSC.2006.873890

---

83. **SoC emerging technologies**
Eshraghian, K.
Proceedings of the IEEE
Volume 94, Issue 6, Date: June 2006, Pages: 1197- 1213
Digital Object Identifier 10.1109/JPROC.2006.873615

---

84. **Space-time codes for high data rate wireless communication:performance criterion and code construction**
Tarokh, V.; Seshadri, N.; Calderbank, A.R.
Information Theory, IEEE Transactions on
Volume 44, Issue 2, Date: Mar 1998, Pages: 744-765
Digital Object Identifier 10.1109/18.661517

---

85. **A 0.18-$\mubox m$CMOS Selective Receiver Front-End for UWB Applications**
Cusmai, G.; Brandolini, M.; Rossi, P.; Svelto, F.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 8, Date: Aug. 2006, Pages: 1764- 1771
Digital Object Identifier 10.1109/JSSC.2006.877256

---

86.  **Heart of a new machine [robot that can express different moods]**
     Krieger, K.
     Spectrum, IEEE
     Volume 43, Issue 7, Date: July 2006, Pages: 48- 51
     Digital Object Identifier 10.1109/MSPEC.2006.1653005

---

87.  **On Weighting Clustering**
     Nock, R.; Nielsen, F.
     Pattern Analysis and Machine Intelligence, IEEE Transactions on
     Volume 28, Issue 8, Date: Aug. 2006, Pages: 1223- 1235
     Digital Object Identifier 10.1109/TPAMI.2006.168

---

88.  **A BiCMOS Ultra-Wideband 3.1–10.6-GHz Front-End**
     Lee, F.S.; Chandrakasan, A.P.
     Solid-State Circuits, IEEE Journal of
     Volume 41, Issue 8, Date: Aug. 2006, Pages: 1784- 1791
     Digital Object Identifier 10.1109/JSSC.2006.877270

---

89.  **On-road vehicle detection: a review**
     Zehang Sun; Bebis, G.; Miller, R.
     Pattern Analysis and Machine Intelligence, IEEE Transactions on
     Volume 28, Issue 5, Date: May 2006, Pages: 694- 711
     Digital Object Identifier 10.1109/TPAMI.2006.104

---

90.  **A Compact Switched-Capacitor Regulated Charge Pump Power Supply**
     Gregoire, B.R.
     Solid-State Circuits, IEEE Journal of
     Volume 41, Issue 8, Date: Aug. 2006, Pages: 1944- 1953
     Digital Object Identifier 10.1109/JSSC.2006.875303

---

91.  **A 14-bit 125 MS/s IF/RF Sampling Pipelined ADC With 100 dB SFDR and 50 fs Jitter**
     Ali, A.M.A.; Dillon, C.; Sneed, R.; Morgan, A.S.; Bardsley, S.; Kornblum, J.; Wu, L.
     Solid-State Circuits, IEEE Journal of
     Volume 41, Issue 8, Date: Aug. 2006, Pages: 1846- 1855
     Digital Object Identifier 10.1109/JSSC.2006.875291

---

92.  **DVB-H: digital broadcast services to handheld devices**
     Faria, G.; Henriksson, J.A.; Stare, E.; Talmola, P.
     Proceedings of the IEEE
     Volume 94, Issue 1, Date: Jan. 2006, Pages: 194- 209
     Digital Object Identifier 10.1109/JPROC.2005.861011

---

93.  **Embedding mixed-signal design in systems-on-chip**
     Rabaey, J.M.; De Bernardinis, F.; Niknejad, A.M.; Nikolic, B.; Sangiovanni-Vincentelli, A.
     Proceedings of the IEEE
     Volume 94, Issue 6, Date: June 2006, Pages: 1070- 1088
     Digital Object Identifier 10.1109/JPROC.2006.873609

Abstract |Full Text: PDF (1160 KB)

---

94. **Mooreapos;s law meets its match (system-on-package)**
Tummala, R.R.
Spectrum, IEEE
Volume 43, Issue 6, Date: June 2006, Pages: 44- 49
Digital Object Identifier 10.1109/MSPEC.2006.1638044

Abstract |Full Text: PDF (8169 KB)

---

95. **Design of feedback controls supporting TCP based on the state-space approach**
Ki Baek Kim
Automatic Control, IEEE Transactions on
Volume 51, Issue 7, Date: July 2006, Pages: 1086- 1099
Digital Object Identifier 10.1109/TAC.2006.878749

Abstract |Full Text: PDF (496 KB)

---

96. **Analog-to-digital converters**
Bin Le; Rondeau, T.W.; Reed, J.H.; Bostian, C.W.
Signal Processing Magazine, IEEE
Volume 22, Issue 6, Date: Nov. 2005, Pages: 69- 77
Digital Object Identifier 10.1109/MSP.2005.1550190

Abstract |Full Text: PDF (1848 KB)

---

97. **A Highly Integrated CMOS Analog Baseband Transceiver With 180 MSPS 13-bit Pipelined CMOS ADC and Dual 12-bit DACs**
Gulati, K.; Peng, M.S.; Pulincherry, A.; Munoz, C.E.; Lugin, M.; Bugeja, A.R.; Li, J.; Chandrakasan, A.P.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 8, Date: Aug. 2006, Pages: 1856- 1866
Digital Object Identifier 10.1109/JSSC.2006.875287

Abstract |Full Text: PDF (2064 KB)

---

98. **Effect of localized optimal clustering for reader anti-collision in RFID networks: fairness aspects to the readers**
Joongheon Kim; Wonjun Lee; Jieun Yu; Jihoon Myung; Eunkyo Kim; Choonhwa Lee
Computer Communications and Networks, 2005. ICCCN 2005. Proceedings. 14th International Conference on
Volume , Issue , Date: 17-19 Oct. 2005, Pages: 497- 502
Digital Object Identifier 10.1109/ICCCN.2005.1523923

Abstract |Full Text: PDF (532 KB)

---

99. **Fast acquisition clock and data recovery circuit with low jitter**
Ruiyuan Zhang; La Rue, G.S.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 5, Date: May 2006, Pages: 1016- 1024
Digital Object Identifier 10.1109/JSSC.2006.872705

Abstract |Full Text: PDF (752 KB)

---

100. **Software architecture for a multi-protocol RFID reader on mobile devices**
Joon Goo Lee; Seok Joong Hwang; Seon Wook Kim; Sunshin Ahn; KyungHo Park; Ji Hoon Koo; Woo Shik Kang
Embedded Software and Systems, 2005. Second International Conference on
Volume , Issue , Date: 16-18 Dec. 2005, Pages: 8 pp.-
Digital Object Identifier 10.1109/ICESS.2005.86

Abstract |Full Text: PDF (576 KB)

---

Back to top