

[Top 100 Documents](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Top 100 Documents Accessed: May 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 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. 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)
- 4. 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)
- 5. 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)
- 6. High-speed circuit designs for transmitters in broadband data links**
Jri Lee
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 5, Date: May 2006, Pages: 1004- 1015
Digital Object Identifier 10.1109/JSSC.2006.872871
[Abstract](#) | Full Text: [PDF](#) (1904 KB)

7. IEEE recommended practice for software requirements specifications

IEEE Std 830-1998

Volume , Issue , Date: 20 Oct 1998, Pages: -

[Abstract](#) | Full Text: [PDF](#) (444 KB)

8. 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)

9. 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)

10. Walking atop the cliffs: avoiding failure and reducing risk in large scale e-government projects

Pardo, T.A.; Scholl, H.J.J.

System Sciences, 2002. HICSS. Proceedings of the 35th Annual Hawaii International Conference on

Volume , Issue , Date: 7-10 Jan. 2002, Pages: 1656- 1665

[Abstract](#) | Full Text: [PDF](#) (448 KB)

11. 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)

12. 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)

13. 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)

14. Design of charge pump circuit with consideration of gate-oxide reliability in low-voltage CMOS processes

Ming-Dou Ker; Shih-Lun Chen; Chia-Shen Tsai

Solid-State Circuits, IEEE Journal of

Volume 41, Issue 5, Date: May 2006, Pages: 1100- 1107

Digital Object Identifier 10.1109/JSSC.2006.872704

[Abstract](#) | Full Text: [PDF](#) (1104 KB)

15. **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)
16. **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 s**
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)
17. **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)
18. **Achievable rates in cognitive radio channels**
Devroye, N.; Mitran, P.; Tarokh, V.
Information Theory, IEEE Transactions on
Volume 52, Issue 5, Date: May 2006, Pages: 1813- 1827
Digital Object Identifier 10.1109/TIT.2006.872971
[Abstract](#) | Full Text: [PDF](#) (720 KB)
19. **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: Mar. 2006, Pages: 38- 45

[Abstract](#) | Full Text: [PDF](#) (145 KB)
20. **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)
21. **The Evolution of RFID Security**
Rieback, M.R.; Crispo, B.; Tanenbaum, A.S.
Pervasive Computing, IEEE
Volume 5, Issue 1, Date: Jan.-March 2006, Pages: 62- 69
Digital Object Identifier 10.1109/MPRV.2006.17
[Abstract](#) | Full Text: [PDF](#) (1112 KB)
22. **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)

23. **A single-chip tri-band (2100, 1900, 850/800 MHz) WCDMA/HSDPA cellular transceiver**
Kaczman, D.L.; Shah, M.; Godambe, N.; Alam, M.; Guimaraes, H.; Han, L.M.; Rachedine, M.; Cashen, D.L.; Getka, W.E.; Dozier, C.; Shepherd, W.P.; Coughlar, K.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 5, Date: May 2006, Pages: 1122- 1132
Digital Object Identifier 10.1109/JSSC.2006.872743
[Abstract](#) | Full Text: [PDF](#) (1816 KB)
24. **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)
25. **A 0.7-2-GHz self-calibrated multiphase delay-locked loop**
Hsiang-Hui Chang; Jung-Yu Chang; Chun-Yi Kuo; Shen-luan Liu
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 5, Date: May 2006, Pages: 1051- 1061
Digital Object Identifier 10.1109/JSSC.2006.874036
[Abstract](#) | Full Text: [PDF](#) (2416 KB)
26. **Top 10 tech cars [fuel efficient cars]**
Voelcker, J.
Spectrum, IEEE
Volume 43, Issue 4, Date: April 2006, Pages: 34- 35
Digital Object Identifier 10.1109/MSPEC.2006.1611757
[Abstract](#) | Full Text: [PDF](#) (3215 KB)
27. **Fundamentals of silicon material properties for successful exploitation of strain engineering in modern CMOS manufacturing**
Chidambaram, P.R.; Bowen, C.; Chakravarthi, S.; Machala, C.; Wise, R.
Electron Devices, IEEE Transactions on
Volume 53, Issue 5, Date: May 2006, Pages: 944- 964
Digital Object Identifier 10.1109/TED.2006.872912
[Abstract](#) | Full Text: [PDF](#) (728 KB)
28. **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)
29. **A digitally controlled oscillator system for SAW-less transmitters in cellular handsets**
Chih-Ming Hung; Staszewski, R.B.; Barton, N.; Meng-Chang Lee; Leipold, D.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 5, Date: May 2006, Pages: 1160- 1170
Digital Object Identifier 10.1109/JSSC.2006.872739
[Abstract](#) | Full Text: [PDF](#) (824 KB)
30. **Highly linear 0.18- μm CMOS power amplifier with deep n-Well structure**
Jongchan Kang; Daekyu Yu; Youngoo Yang; Bumman Kim
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 5, Date: May 2006, Pages: 1073- 1080
Digital Object Identifier 10.1109/JSSC.2006.874059

[Abstract](#) | Full Text: [PDF](#) (1384 KB)

31. Editorial Preface Notice of Violation of IEEE Publication Principles

Lee, J.N.

Lightwave Technology, Journal of

Volume 24, Issue 2, Date: Feb. 2006, Pages: 656- 656

Digital Object Identifier 10.1109/JLT.2006.870421

Full Text: [PDF](#) (22 KB)

32. 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)

33. The history of noise [on the 100th anniversary of its birth]

Cohen, L.

Signal Processing Magazine, IEEE

Volume 22, Issue 6, Date: Nov. 2005, Pages: 20- 45

Digital Object Identifier 10.1109/MSP.2005.1550188

[Abstract](#) | Full Text: [PDF](#) (1322 KB)

34. 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

[Abstract](#) | Full Text: [PDF](#) (2464 KB)

35. A 1.5-V multi-mode quad-band RF receiver for GSM/EDGE/CDMA2K in 90-nm digital CMOS process

Bakkaloglu, B.; Fontaine, P.; Mohieldin, A.N.; Solti Peng; Sher Jiun Fang; Dulger, F.

Solid-State Circuits, IEEE Journal of

Volume 41, Issue 5, Date: May 2006, Pages: 1149- 1159

Digital Object Identifier 10.1109/JSSC.2006.872740

[Abstract](#) | Full Text: [PDF](#) (1520 KB)

36. 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)

37. 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](#)

38.

The history of linear prediction

Atal, B.S.

Signal Processing Magazine, IEEE

Volume 23, Issue 2, Date: Mar 2006, Pages: 154- 161

Digital Object Identifier 10.1109/MSP.2006.1598091

[Abstract](#) | Full Text: [PDF](#) (239 KB)

39. 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

[Abstract](#) | Full Text: [PDF](#) (2536 KB)

40. Self-calibrated quadrature generator for WLAN multistandard frequency synthesizer

Valero-Lopez, A.Y.; Sung Tae Moon; Sanchez-Sinencio, E.

Solid-State Circuits, IEEE Journal of

Volume 41, Issue 5, Date: May 2006, Pages: 1031- 1041

Digital Object Identifier 10.1109/JSSC.2006.872712

[Abstract](#) | Full Text: [PDF](#) (1248 KB)

41. 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)

42. The Past, Present, and Future for Software Architecture

Kruchten, P.; Obbink, H.; Stafford, J.

Software, IEEE

Volume 23, Issue 2, Date: March-April 2006, Pages: 22- 30

Digital Object Identifier 10.1109/MS.2006.59

[Abstract](#) | Full Text: [PDF](#) (680 KB)

43. Brain Power

Sarpeshkar, R.

Spectrum, IEEE

Volume 43, Issue 5, Date: May 2006, Pages: 24- 29

[Abstract](#) | Full Text: [PDF](#) (5035 KB)

44. 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

[Abstract](#) | Full Text: [PDF](#) (772 KB)

45. Quality of service support in IEEE 802.16 networks

Cicconetti, C.; Lenzi, L.; Mingozzi, E.; Eklund, C.

Network, IEEE

Volume 20, Issue 2, Date: Mar./April 2006, Pages: 50- 55

[Abstract](#) | Full Text: [PDF](#) (150 KB)

46. 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

[Abstract](#) | Full Text: [PDF](#) (684 KB)

47. Mesh networks: commodity multihop ad hoc networks

Bruno, R.; Conti, M.; Gregori, E.
Communications Magazine, IEEE
Volume 43, Issue 3, Date: March 2005, Pages: 123- 131
Digital Object Identifier 10.1109/MCOM.2005.1404606

[Abstract](#) | Full Text: [PDF](#) (585 KB)

48. 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)

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

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

[Abstract](#) | Full Text: [PDF](#) (2554 KB)

50. 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

[Abstract](#) | Full Text: [PDF](#) (552 KB)

51. The Problem with Threads

Lee, E.A.
Computer
Volume 39, Issue 5, Date: May 2006, Pages: 33- 42
Digital Object Identifier 10.1109/MC.2006.180

[Abstract](#) | Full Text: [PDF](#) (784 KB)

52. 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)

53. 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)

54. IEEE standard for software test documentation

IEEE Std 829-1998

Volume , Issue , Date: 16 Dec 1998, Pages: -

[Abstract](#) | Full Text: [PDF](#) (592 KB)

55. IEEE Std 802.11-1997 Information Technology- telecommunications And Information exchange Between Systems-Local And Metropolitan Area Network 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

[Abstract](#) | Full Text: [PDF](#) (25764 KB)

56. Cross-layer design: a survey and the road ahead

Srivastava, V.; Motani, M.

Communications Magazine, IEEE

Volume 43, Issue 12, Date: Dec. 2005, Pages: 112- 119

Digital Object Identifier 10.1109/MCOM.2005.1561928

[Abstract](#) | Full Text: [PDF](#) (119 KB)

57. A primer on cryptography in communications

Kartalopoulos, S.V.

Communications Magazine, IEEE

Volume 44, Issue 4, Date: April 2006, Pages: 146- 151

[Abstract](#) | Full Text: [PDF](#) (502 KB)

58. Smart Sensors

Betts, B.

Spectrum, IEEE

Volume 43, Issue 4, Date: April 2006, Pages: 50- 53

Digital Object Identifier 10.1109/MSPEC.2006.1611760

[Abstract](#) | Full Text: [PDF](#) (1605 KB)

59. RFID security and privacy: a research survey

Juels, A.

Selected Areas in Communications, IEEE Journal on

Volume 24, Issue 2, Date: Feb. 2006, Pages: 381- 394

Digital Object Identifier 10.1109/JSAC.2005.861395

[Abstract](#) | Full Text: [PDF](#) (272 KB)

60. 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)

61. Face Recognition Using IPCA-ICA Algorithm

Dagher, I.; Nachar, R.

Pattern Analysis and Machine Intelligence, IEEE Transactions on

Volume 28, Issue 6, Date: June 2006, Pages: 996- 1000

Digital Object Identifier 10.1109/TPAMI.2006.118

[Abstract](#) | Full Text: [PDF](#) (656 KB)

62. 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)

63. 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

[Abstract](#) | Full Text: [PDF](#) (146 KB)

64. TDCS, OFDM, and MC-CDMA: a brief tutorial

Chakravarthy, V.; Nunez, A.S.; Stephens, J.P.; Shaw, A.K.; Temple, M.A.

Communications Magazine, IEEE

Volume 43, Issue 9, Date: Sept. 2005, Pages: S11- S16

Digital Object Identifier 10.1109/MCOM.2005.1509966

[Abstract](#) | Full Text: [PDF](#) (128 KB)

65. 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)

66. 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

[Abstract](#) | Full Text: [PDF](#) (118 KB)

67. 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

[Abstract](#) | Full Text: [PDF](#) (1232 KB)

68. A theory for multiresolution signal decomposition: the wavelet representation

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)

69.

Evolving 3G mobile systems: broadband and broadcast services in WCDMA

Parkvall, S.; Englund, E.; Lundevall, M.; Torsner, J.

Communications Magazine, IEEE

Volume 44, Issue 2, Date: Feb. 2006, Pages: 30- 36

Digital Object Identifier 10.1109/MCOM.2006.1593548

[Abstract](#) | Full Text: [PDF](#) (133 KB)

70. IEEE standard for information technology- telecommunications and information exchange between systems- local and metropolitan area networks- spe 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 1-2 2001)

Volume , Issue , Date: 2003, Pages: i- 67

[Abstract](#) | Full Text: [PDF](#) (1754 KB)

71. Image coding using wavelet transform

Antonini, M.; Barlaud, M.; Mathieu, P.; Daubechies, I.

Image Processing, IEEE Transactions on

Volume 1, Issue 2, Date: Apr 1992, Pages: 205-220

Digital Object Identifier 10.1109/83.136597

[Abstract](#) | Full Text: [PDF](#) (1788 KB)

72. 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

[Abstract](#) | Full Text: [PDF](#) (607 KB)

73. Further evolution of 3G radio access

Dahlman, E.B.; Yu-Chuen Jou

Communications Magazine, IEEE

Volume 44, Issue 3, Date: Mar. 2006, Pages: 34- 35

[Abstract](#) | Full Text: [PDF](#) (89 KB)

74. All-digital PLL and transmitter for mobile phones

Staszewski, R.B.; Wallberg, J.L.; Rezek, S.; Chih-Ming Hung; Eliezer, O.E.; Vemulapalli, S.K.; Fernando, C.; Maggio, K.; Staszewski, R.; Barton, N.; Meng-Chang 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

[Abstract](#) | Full Text: [PDF](#) (1432 KB)

75. Shielded passive devices for silicon-based monolithic microwave and millimeter-wave integrated circuits

Cheung, T.S.D.; Long, J.R.

Solid-State Circuits, IEEE Journal of

Volume 41, Issue 5, Date: May 2006, Pages: 1183- 1200

Digital Object Identifier 10.1109/JSSC.2006.872737

[Abstract](#) | Full Text: [PDF](#) (2320 KB)

76. Ultra-wideband communications: an idea whose time has come

Liuqing Yang; Giannakis, G.B.

Signal Processing Magazine, IEEE

Volume 21, Issue 6, Date: Nov. 2004, Pages: 26- 54

Digital Object Identifier 10.1109/MSP.2004.1359140

[Abstract](#) | Full Text: [PDF](#) (3282 KB)

77. A New Compact Microstrip Two-Layer Bandpass Filter Using Aperture-Coupled SIR-Hairpin Resonators With Transmission Zeros

Djaiz, A.; Denidni, T.A.

Microwave Theory and Techniques, IEEE Transactions on
Volume 54, Issue 5, Date: May 2006, Pages: 1929- 1936
Digital Object Identifier 10.1109/TMTT.2006.872797

[Abstract](#) | Full Text: [PDF](#) (600 KB)**78. Dream jobs [engineering career]**

Cherry, S.

Spectrum, IEEE

Volume 43, Issue 2, Date: Feb. 2006, Pages: 36- 48
Digital Object Identifier 10.1109/MSPEC.2006.1584361

[Abstract](#) | Full Text: [PDF](#) (5260 KB)**79. RFID Technology and Applications**

Nath, B.; Reynolds, F.; Want, R.

Pervasive Computing, IEEE

Volume 5, Issue 1, Date: Jan.-March 2006, Pages: 22- 24
Digital Object Identifier 10.1109/MPRV.2006.13

[Abstract](#) | Full Text: [PDF](#) (864 KB)**80. Analysis of reliability and power efficiency in cascode class-E PAs**

Mazzanti, A.; Larcher, L.; Brama, R.; Svelto, F.

Solid-State Circuits, IEEE Journal of

Volume 41, Issue 5, Date: May 2006, Pages: 1222- 1229
Digital Object Identifier 10.1109/JSSC.2006.872734

[Abstract](#) | Full Text: [PDF](#) (640 KB)**81. A simple and effective method for microstrip dual-band filters design**

Chu-Yu Chen; Cheng-Ying Hsu

Microwave and Wireless Components Letters, IEEE [see also IEEE Microwave and Guided Wave Letters]

Volume 16, Issue 5, Date: May 2006, Pages: 246- 248
Digital Object Identifier 10.1109/LMWC.2006.873584

[Abstract](#) | Full Text: [PDF](#) (208 KB)**82. A miniature UWB planar monopole antenna with 5-GHz band-rejection filter and the time-domain characteristics**

Young Jun Cho; Ki Hak Kim; Dong Hyuk Choi; Seung Sik Lee; Seong-Ook Park

Antennas and Propagation, IEEE Transactions on

Volume 54, Issue 5, Date: May 2006, Pages: 1453- 1460
Digital Object Identifier 10.1109/TAP.2006.874354

[Abstract](#) | Full Text: [PDF](#) (1176 KB)**83. A quad-band 8PSK/GMSK polar transceiver**

Hietala, A.W.

Solid-State Circuits, IEEE Journal of

Volume 41, Issue 5, Date: May 2006, Pages: 1133- 1141
Digital Object Identifier 10.1109/JSSC.2006.872742

[Abstract](#) | Full Text: [PDF](#) (840 KB)**84. 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)

85. A UWB CMOS transceiver

Razavi, B.; Aytur, T.; Lam, C.; Fei-Ran Yang; Kuang-Yu Li; Ran-Hong Yan; Han-Chang Kang; Cheng-Chung Hsu; Chao-Cheng Lee
Solid-State Circuits, IEEE Journal of
Volume 40, Issue 12, Date: Dec. 2005, Pages: 2555- 2562
Digital Object Identifier 10.1109/JSSC.2005.857430

[Abstract](#) | Full Text: [PDF](#) (992 KB)

86. Nearest Neighbors by Neighborhood Counting

Hui Wang
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 28, Issue 6, Date: June 2006, Pages: 942- 953
Digital Object Identifier 10.1109/TPAMI.2006.126

[Abstract](#) | Full Text: [PDF](#) (3528 KB)

87. Bayesian Feature and Model Selection for Gaussian Mixture Models

Constantinopoulos, C.; Titsias, M.K.; Likas, A.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 28, Issue 6, Date: June 2006, Pages: 1013- 1018
Digital Object Identifier 10.1109/TPAMI.2006.111

[Abstract](#) | Full Text: [PDF](#) (1080 KB)

88. A new transponder architecture with on-chip ADC for long-range telemetry applications

Kocer, F.; Flynn, M.P.
Solid-State Circuits, IEEE Journal of
Volume 41, Issue 5, Date: May 2006, Pages: 1142- 1148
Digital Object Identifier 10.1109/JSSC.2006.872741

[Abstract](#) | Full Text: [PDF](#) (960 KB)

89. IEEE 802.11n: enhancements for higher throughput in wireless LANs

Yang Xiao
Wireless Communications, IEEE [see also IEEE Personal Communications]
Volume 12, Issue 6, Date: Dec. 2005, Pages: 82- 91
Digital Object Identifier 10.1109/MWC.2005.1561948

[Abstract](#) | Full Text: [PDF](#) (394 KB)

90. Topics in ad hoc and sensor networks

Giordano, S.; Rosenberg, C.
Communications Magazine, IEEE
Volume 44, Issue 4, Date: April 2006, Pages: 97- 97

[Abstract](#) | Full Text: [PDF](#) (253 KB)

91. Can We Make Operating Systems Reliable and Secure?

Tanenbaum, A.S.; Herder, J.N.; Bos, H.
Computer
Volume 39, Issue 5, Date: May 2006, Pages: 44- 51
Digital Object Identifier 10.1109/MC.2006.156

[Abstract](#) | Full Text: [PDF](#) (576 KB)

92. Supplement to IEEE standard for information technology telecommunications and information exchange between systems - local and metropolitan area requirements. Part 11: wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: high-speed physical layer in the 5 GHz band

IEEE Std 802.11a-1999
Volume , Issue , Date: 1999, Pages: -

[Abstract](#) | Full Text: [PDF](#) (728 KB)

93. Design of low-profile microstrip antenna with enhanced bandwidth and reduced size

Shaoqiu Xiao; Zhenhai Shao; Bing-Zhong Wang; Ming-Tuo Zhou; Fujise, M.

Antennas and Propagation, IEEE Transactions on

Volume 54, Issue 5, Date: May 2006, Pages: 1594- 1599

Digital Object Identifier 10.1109/TAP.2006.874362

[Abstract](#) | Full Text: [PDF](#) (896 KB)

94. Line-based, reduced memory, wavelet image compression

Chrysafis, C.; Ortega, A.

Image Processing, IEEE Transactions on

Volume 9, Issue 3, Date: Mar 2000, Pages: 378-389

Digital Object Identifier 10.1109/83.826776

[Abstract](#) | Full Text: [PDF](#) (228 KB)

95. Miniaturized microstrip lowpass filter with wide stopband using double equilateral U-shaped defected ground structure

Sio-Weng Ting; Kam-Weng Tam; Martins, R.P.

Microwave and Wireless Components Letters, IEEE [see also IEEE Microwave and Guided Wave Letters]

Volume 16, Issue 5, Date: May 2006, Pages: 240- 242

Digital Object Identifier 10.1109/LMWC.2006.873592

[Abstract](#) | Full Text: [PDF](#) (312 KB)

96. New Associate Editor

Solid-State Circuits, IEEE Journal of

Volume 41, Issue 5, Date: May 2006, Pages: 1003- 1003

Digital Object Identifier 10.1109/JSSC.2006.874037

[Abstract](#) | Full Text: [PDF](#) (240 KB)

97. Lossless watermarking for image authentication: a new framework and an implementation

Celik, M.U.; Sharma, G.; Tekalp, A.M.

Image Processing, IEEE Transactions on

Volume 15, Issue 4, Date: April 2006, Pages: 1042- 1049

Digital Object Identifier 10.1109/TIP.2005.863053

[Abstract](#) | Full Text: [PDF](#) (11728 KB)

98. Evolution map from TD-SCDMA to fuTURE B3G TDD

Guangyi Liu; Jianhua Zhang; Ping Zhang; Ying Wang; Xiantao Liu; Shuang Li

Communications Magazine, IEEE

Volume 44, Issue 3, Date: Mar. 2006, Pages: 54- 61

[Abstract](#) | Full Text: [PDF](#) (160 KB)

99. CMOS RF Receiver System Design: A Systematic Approach

Sheng, W.; Emira, A.; Sanchez-Sinencio, E.

Circuits and Systems I: Regular Papers, IEEE Transactions on [see also Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on]

Volume 53, Issue 5, Date: May 2006, Pages: 1023- 1034

Digital Object Identifier 10.1109/TCSI.2005.862286

[Abstract](#) | Full Text: [PDF](#) (472 KB)

100.

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)



[Help](#) [Contact Us](#) [Privac](#)

© Copyright 2006 IE