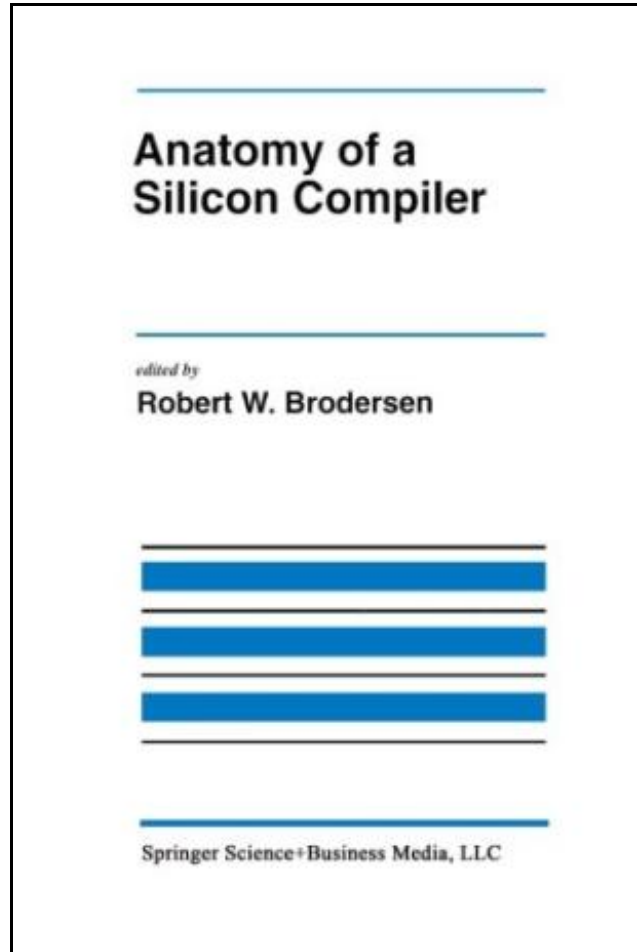


Anatomy of a Silicon Compiler



Filesize: 5.26 MB

Reviews

*This book is great. I have go through and so i am confident that i will going to read through once again again in the future. I am just easily can get a satisfaction of looking at a written book.
(Miss Vernie Schimmel)*

ANATOMY OF A SILICON COMPILER



Book Condition: New. Publisher/Verlag: Springer, Berlin | A silicon compiler is a software system which can automatically generate an integrated circuit from a user's specification. Anatomy of a Silicon Compiler examines one such compiler in detail, covering the basic framework and design entry, the actual algorithms and libraries which are used, the approach to verification and testing, behavioral synthesis tools and several applications which demonstrate the system's capabilities. | 1. Introduction and History; R.W. Brodersen. Part I: Framework and Design Entry. 2. The OCT Data Manager; R. Spickelmier, B.C. Richards. 3. Lager OCT Policy and the SDL Language; B.C. Richards. 4. Schematic Entry; B. Reese. 5. Design Management; B.C. Richards. 6. Design Post-Processing; M. Thaler, B.C. Richards. Part II: Silicon Assembly. 7. Hierarchical Tiling; J. Sun, B.C. Richards. 8. Standard Cell Design; B. Reese, B. Boes. 9. Interactive Floorplanning; Seungjun Lee, J. Rabaey. 10. Datapath Generation; M. Srivastava. 11. Pad Routing; E. Lettang. Part III: Verification and Testing. 12. Design Verification; Wun-Tsin Jao, R. Jain. 13. Behavior and Switch Level Simulation; L. Svensson, L.E. Thon, Seungjun Lee. 14. Chip and Board Testing; K.T. Kornegay. Part IV: Behavioral Synthesis. 15. DSP Specification Using the Silage Language; P. Hilfinger, J. Rabaey. 16. Synthesis of Datapath Architectures; J. Rabaey, Chin-min Chu, Phu Hoang, M. Potkonjak. 17. From C to Silicon; L.E. Thon, K. Rimey, L. Svensson. 18. An FIR Filter Generator; P. Yang, R. Jain. Part V: Applications. 19. The PUMA Processor; L.E. Thon. 20. Radon Transform Using the PPPE; W.B. Baringer. 21. Speech Recognition; A. Stölzle. 22. Conclusions and Future Work; R.W. Brodersen. Appendix A: Design Example; B.C. Richards. Appendix B: Training and Distribution; B. Reese. Index. | Format: Paperback | Language/Sprache: english | 587 gr | 362 pp.



[Read Anatomy of a Silicon Compiler Online](#)



[Download PDF Anatomy of a Silicon Compiler](#)

You May Also Like



The Red Leather Diary: Reclaiming a Life Through the Pages of a Lost Journal (P.S.)

Harper Perennial. PAPERBACK. Book Condition: New. 0061256781 Never Read-12+ year old Paperback book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-...

[Read ePub »](#)



The Diary of a Goose Girl (Illustrated Edition) (Dodo Press)

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. Claude A Shepperson (illustrator). Illustrated. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin, nee Smith (1856-1923) was...

[Read ePub »](#)



The Diary of a Goose Girl (Illustrated 1902 Edition)

Echo Library, United States, 2008. Paperback. Book Condition: New. Illustrated. 203 x 127 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin, nee Smith (1856-1923) was an American children s...

[Read ePub »](#)



The Romance of a Christmas Card (Illustrated Edition) (Dodo Press)

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. Alice Erle Hunt (illustrator). Illustrated. 229 x 147 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin, nee Smith (1856-1923) was...

[Read ePub »](#)



Little Girl Lost: The True Story of a Broken Child

HarperCollins Publishers. Paperback. Book Condition: new. BRAND NEW, Little Girl Lost: The True Story of a Broken Child, Mia Marconi, The fourth in a series of true short stories from foster carer Mia Marconi. Kira...

[Read ePub »](#)

**Frances Hodgson Burnett's a Little Princess**

Penguin Young Readers Group. Paperback / softback. Book Condition: new. BRAND NEW, Frances Hodgson Burnett's a Little Princess, Deborah Hautzig, N/A, Natalie Carabetta, The All Aboard Reading series features stories that capture beginning readers' imagination

[Read eBook »](#)

**The Ballad of a Small Player**

Vintage Publishing. Paperback. Book Condition: new. BRAND NEW, The Ballad of a Small Player, Lawrence Osborne, 'I waited patiently for the next hand to be played out, and I had a feeling it was going

[Read eBook »](#)

**Polly Oliver s Problem: A Story for Girls**

The Wildhern Press, United Kingdom, 2008. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin was an American children s author and educator.

[Read eBook »](#)

**Diary of a Blaze Boy: The War Between Mobs and Miners: An Unofficial Minecraft Family War Story (Adventure, Friendship, Monsters, Nether, Herobrine Books)**

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. An epic war has broken out and NO ONE IS SAFE! Byhaven was once a peaceful city,

[Read eBook »](#)

**The Queen's Sorrow: A Novel**

William Morrow Paperbacks. PAPERBACK. Book Condition: New. 006170427X 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship

[Read eBook »](#)