

Contents

Part I System Design Representation

1 Electronic System Level Design	3
Luiz Santos, Sandro Rigo, Rodolfo Azevedo, and Guido Araujo	
2 Open-Source Languages	11
Sandro Rigo, Luiz Santos, Rodolfo Azevedo, and Guido Araujo	
3 Transaction Level Modeling	25
Sandro Rigo, Bruno Albertini, and Rodolfo Azevedo	

Part II Open-Source Models and Tools

4 ArchC Model Design Handbook	39
Rodolfo Azevedo and Sandro Rigo	
5 Building Platform Models with SystemC	71
Rodolfo Azevedo, Sandro Rigo, and Bruno Albertini	
6 Retargetable Binary Tools	99
Alexandro Baldassin, Paulo Centoducatte, and Luiz Santos	

Part III Advanced Topics

7 Debugging SystemC Platform Models	117
Bruno Albertini, Sandro Rigo, and Guido Araujo	
8 SystemC-Based Power Evaluation with PowerSC	129
Felipe Klein, Rodolfo Azevedo, Luiz Santos, and Guido Araujo	
Index	145



<http://www.springer.com/978-1-4020-9939-7>

Electronic System Level Design

An Open-Source Approach

Rigo, S.; Azevedo, R.; Santos, L. (Eds.)

2011, IX, 146 p., Hardcover

ISBN: 978-1-4020-9939-7