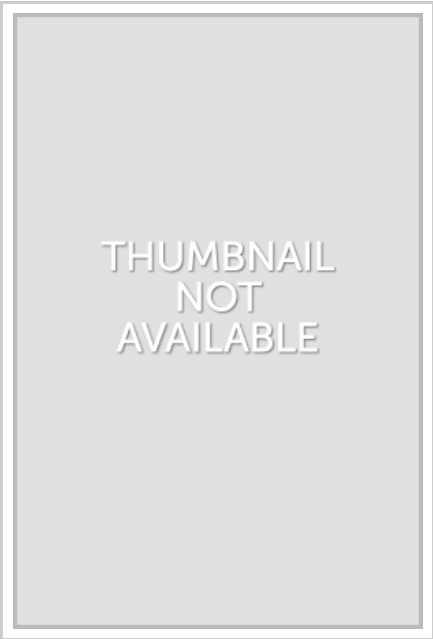


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paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 288 Publisher: Zhejiang University Pub. Date :2009-03-01 first edition this book to the wireless LAN IEEE 802.11a physical layer standard as an example. consider how the FPGA to implement a baseband OFDM communication system transceiver . Book gives a systematic classification of the transceiver module based on the algorithm for each module and FPGA implementations discussed in detail. covering a complete wireless communication system the vast majority of modules. including scrambling. encoding. interleaving. OFDM modulation / demodulation. frame synchronization. frequency offset correction. symbol synchronization and sampling clock synchronization. channel equalization. Viterbi decoding. All modules are in the book. Xilinx's University Program. Spartan-3E Starter Kit Development Board validated. with the book CD-ROM with all ISE project file and Verilog source code. Book for the electronics and communications industry with college students and corporate researchers. both senior undergraduate and graduate students as teaching materials. can be used as reference for the communications industry and technical personnel and training materials. Contents: Chapter 1. orthogonal frequency division multiplexing system. the basic principles of wireless communication systems 1.2OFDM 1.1 system development history...

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