

1. Record Nr.	UNINA9910299759203321
Autore	Meyer-Baese Uwe
Titolo	Digital Signal Processing with Field Programmable Gate Arrays // by Uwe Meyer-Baese
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-642-45309-0
Edizione	[4th ed. 2014.]
Descrizione fisica	1 online resource (XXIII, 930 p. 459 illus., 11 illus. in color.)
Collana	Signals and Communication Technology, , 1860-4862
Disciplina	621.382
Soggetti	Signal processing Image processing Speech processing systems Microprogramming Electronic circuits Signal, Image and Speech Processing Control Structures and Microprogramming Circuits and Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Computer Arithmetic -- Finite Impulse Response (FIR) Digital Filtres -- Infinite Impulse Response (IIR) Digital Filtres -- Multirate Signal Processing -- Fourier Transforms -- Advanced Topics -- Adaptive Filtres -- Microprocessor Design.
Sommario/riassunto	Field-Programmable Gate Arrays (FPGAs) are revolutionizing digital signal processing. The efficient implementation of front-end digital signal processing algorithms is the main goal of this book. It starts with an overview of today's FPGA technology, devices, and tools for designing state-of-the-art DSP systems. A case study in the first chapter is the basis for more than 40 design examples throughout. The following chapters deal with computer arithmetic concepts, theory and the implementation of FIR and IIR filters, multirate digital signal processing systems, DFT and FFT algorithms, advanced algorithms with high future potential, and adaptive filters. Each chapter contains exercises. The VERILOG source code and a glossary are given in the

appendices. This new edition incorporates Over 10 new system level case studies designed in VHDL and Verilog A new chapter on image and video processing An Altera Quartus update and new ModelSim simulations Xilinx Atlys board and ISIM simulation support Signed fixed point and floating point IEEE library examples An overview on parallel all-pass IIR filter design ICA and PCA system level designs • Speech and audio coding for MP3 and ADPCM.

2. Record Nr.	UNINA9910961690503321
Titolo	Guinea : : Fifth Review Under the Three-Year Arrangement Under the Extended Credit Facility, Financing Assurances Review, and Requests for an Augmentation of Access and Extension of the Current Arrangement
Pubbl/distr/stampa	Washington, D.C. : , : International Monetary Fund, , 2015
ISBN	9781484377758 1484377753 9781498385763 1498385761
Edizione	[1st ed.]
Descrizione fisica	1 online resource (109 p.)
Collana	IMF Staff Country Reports
Disciplina	332.1/532
Soggetti	Accounting - Guinea Banks and Banking Exports and Imports Public Finance Natural Resource Extraction Diseases: Respiratory Macroeconomics International Lending and Debt Problems Health Behavior Debt Debt Management Sovereign Debt National Government Expenditures and Related Policies: General Industry Studies: Primary Products and Construction: General General Aggregative Models: General International economics Public finance & taxation Infectious & contagious diseases Banking

Extractive industries
 Budgeting & financial management
 External debt
 Ebola
 Public debt
 Public financial management (PFM)
 Mining sector
 Health
 National accounts
 Debts, External
 Ebola virus disease
 Debts, Public
 Finance, Public
 Mineral industries
 Budget
 Guinea Economic conditions
 Guinea

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"February 2015."
Nota di contenuto	<p>Cover; CONTENTS; RECENT DEVELOPMENTS AND PROGRAM IMPLEMENTATION; BOXES; 1. Recent Data on the Ebola Epidemic; FIGURES; 1. 2014 GDP Growth Projections; 2. Economic Overview, 2013-15; 3. Fiscal Sector Developments, 2013-14; ECONOMIC OUTLOOK AND POLICY DISCUSSIONS FOR 2015; A. Economic Outlook and Risks; B. Fiscal Policy; C. Monetary and Exchange Rate Policies; D. Structural Reform; E. Poverty Reduction Strategy; 2. First Annual Progress Report on PRSP Implementation; PROGRAM MONITORING, FINANCING, AND RISKS; STAFF APPRAISAL; TABLES; 1. Key Economic and Financial Indicators, 2013-17</p> <p>2a. Fiscal Operations of the Central Government, 2013-17 (Billions of Guinean Francs)2b. Fiscal Operations of the Central Government, 2013-17 (Percent of GDP); 2c. Fiscal Operations of the Central Government, 2013-15; 3a Central Bank and Deposit Money Banks Accounts, 2013-15; 3b. Monetary Survey, 2013-15; 4. Balance of Payments, 2013-17; 5. Performance Criteria and Indicative Targets, 2014-15; 6. Banking Sector Key Economic and Financial Soundness Indicators, 2010-14; 7. External Financing Requirements and Sources, 2013-15; 8. Indicators of Capacity to Repay the IMF, 2014-25</p> <p>9a. Original Schedule of Disbursements and Timing of Reviews Under the ECF Arrangement, 2012-159b. Proposed Schedule of Disbursements and Timing of Reviews Under the ECF Arrangement, 2012-15; 10. Risk Assessment Matrix; APPENDIX; I. Letter of Intent; Attachment I. Fifth Supplement to the Memorandum on Economic and Financial Policies; Attachment II. Technical Memorandum of Understanding; CONTENTS; RELATIONS WITH THE FUND; JOINT WORLD BANK-FUND MATRIX; RELATIONS WITH THE AFRICAN DEVELOPMENT BANK, 2011-13; MILLENNIUM DEVELOPMENT GOALS; STATISTICAL</p>

ISSUES

Sommario/riassunto

This paper discusses Guinea's Fifth Review Under the Three-Year Arrangement Under the Extended Credit Facility (ECF), Financing Assurances Review, and Requests for an Augmentation of Access and Extension of Current Arrangement. Performance under the ECF program has been satisfactory. All quantitative performance criteria have been met. Macroeconomic policies in 2015 will remain supportive to help deal with the Ebola outbreak. The IMF staff supports the completion of the fifth review under the ECF arrangement and financing assurances review and requests for an extension of the current arrangement to end-2015, an augmentation in access, and disbursement of 25 percent of quota as budget support under the 5th review.