



Rapid Prototyping of Application Specific Signal Processors (Paperback)

By -

Springer-Verlag New York Inc., United States, 2010. Paperback. Condition: New. Language: English . This book usually ship within 10-15 business days and we will endeavor to dispatch orders quicker than this where possible. Brand New Book. Rapid Prototyping of Application Specific Signal Processors presents leading-edge research that focuses on design methodology, infrastructure support and scalable architectures developed by the 150 million dollar DARPA United States Department of Defense RASSP Program. The contributions to this edited work include an introductory overview chapter that explains the origin, concepts and status of this effort. The RASSP Program is a multi-year DARPA/Tri-Service initiative intended to dramatically improve the process by which complex digital systems, particularly embedded signal processors, are designed, manufactured, upgraded and supported. This program was originally driven by military applications for signal processing. The requirements of military applications for real-time signal processing are typically more demanding than those of commercial applications, but the time gap between technology employed in advanced military prototypes and commercial products is narrowing rapidly. The research on methodologies, infrastructure and architectures presented in this book is applicable to commercial signal processing systems that are in design now, or will be developed before the end of the decade. Rapid...



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