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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Chapter 1. Designing Waveform-Processing Circuits; Voltage References; Current Sources; Filters; Hysteretic Switches (Schmitt Triggers); Discrete Logic Circuits; Clamps and Limiters; Multivibrators and Timing Circuits; Capacitance and Resistance Multipliers; Trigger Generators; Ramp and Sweep Generators; Logarithmic and Exponential Amplifiers; Function Generation; Triangle-Wave Generators; Absolute-Value (Precision Rectifier) Circuits; Peak Detectors; Chapter 2 Digitizing and Sampling Circuits; Electrical Quantities Both Encode and Represent Information; Digital-to-Analog Converters DAC CircuitsParallel-Feedback ADCs; Integrating ADCs; Simple C-Based - ADCs; Voltage-to-Frequency Converters; Parallel and Recursive Conversion Techniques; Time-Domain Sampling Theory; Frequency-Domain Sampling Theory; The Sampling Theorem (Nyquist Criterion); Sampling Circuits; Switched-Capacitor Circuits; Closure; References; Index
Sommario/riassunto	The fourth volume in the set Designing Waveform-Processing Circuits builds on the previous 3 volumes and presents a variety of analog non-amplifier circuits, including voltage references, current sources, filters, hysteresis switches and oscilloscope trigger and sweep circuitry, function generation, absolute-value circuits, and peak detectors.

