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Titolo	Design of Switched-Capacitor Filter Circuits using Low Gain Amplifiers [[electronic resource] /] / by Hugo Alexandre de Andrade Serra, Nuno Paulino
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Switched-Capacitor Circuits -- Low Pass Filter Topologies -- Band Pass Filter Topologies -- Non-Ideal Effects -- Switched Capacitor Filter Implementation -- Conclusion.
Sommario/riassunto	This book describes the design of switched-capacitor filter circuits using low gain amplifiers and demonstrates some techniques that can minimize the effects of parasitic capacitances during the design phase. Focus is given in the design of low-pass and band-pass SC filters, and how higher order filters can be achieved using cascaded biquadratic filter sections. The authors also describe a low voltage implementation

of a low-pass SC filter.
