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Descrizione fisica	1 online resource (496 pages)
Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 781
Disciplina	621.381
Soggetti	Electronic circuits Electronics Microtechnology Microelectromechanical systems Mechanical engineering Electronic Circuits and Systems Electronics and Microelectronics, Instrumentation Microsystems and MEMS Mechanical Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Exploiting RF MEMS Switches for pattern reconfigurable parasitic antennas -- Comparative Analysis of Two-Stage Miller Compensated OPAMP in Bulk CMOS and FinFET Technology -- Performance-based Comparative Study on Single and Dual-Gate OTFT: Modeling and Simulation using TCAD -- Structural and Morphological Properties of Indium Doped Titanium Di-oxide Nanoparticles Synthesized Using Sol-gel Process -- Review of Emerging Tunnel FET Structures.
Sommario/riassunto	The book presents select proceedings of the International Conference on Micro and Nanoelectronics Devices, Circuits and Systems (MNDCS-2021). The volume includes cutting-edge research papers in the emerging fields of micro and nanoelectronics devices, circuits, and systems from experts working in these fields over the last decade. The

book is a unique collection of chapters from different areas with a common theme and will be immensely useful to academic researchers and practitioners in the industry who work in this field.

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