

1. Record Nr.	UNINA9910879582403321
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Titolo	SiC Technology : Materials, Manufacturing, Devices and Design for Power Conversion / / edited by Maurizio Di Paolo Emilio
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-63418-7
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (317 pages)
Disciplina	621.3815
Soggetti	Electronic circuit design Power electronics Materials Electronics Design and Verification Power Electronics Materials for Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Overview of Silicon Carbide -- SiC Material Properties -- Manufacturing Processes -- SiC Technology -- Applications of SiC in Power Conversion -- Case Studies -- Innovations and Advancements -- SiC Market -- Conclusion.
Sommario/riassunto	This essential book offers comprehensive coverage of Silicon Carbide (SiC) technology, including materials, manufacturing processes, device development, and design approaches. Authored by leading experts, it provides authoritative insights for engineers, researchers, and enthusiasts. Understanding SiC's future impact on technology is crucial, making this publication indispensable for those seeking to leverage its transformative potential. Provides comprehensive reference on circuit design with SiC devices; Includes industrial and automotive applications; Explores manufacturing processes and reliability features.