

1. Record Nr.	UNISA996575464403316
Titolo	2416-2019 - IEEE Standard for Power Modeling to Enable System-Level Analysis // IEEE
Pubbl/distr/stampa	Piscataway, NJ : , : IEEE, , 2019
ISBN	1-5044-5888-5
Descrizione fisica	1 online resource (63 pages)
Disciplina	621.317
Soggetti	Power electronics - Mathematical models System analysis Intellectual property
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In this standard, a parameterized and abstracted power model enabling system, software, and hardware intellectual property (IP)-centric power analysis and optimization are described. Concepts and constructs are defined for the development of parameterized, accurate, efficient, and complete power models for systems and hardware IP blocks usable for system power analysis and optimization. Process, voltage, and temperature (PVT) independence; power and thermal management interface; and workload and architecture parameterization are some of the concepts included.