

1. Record Nr.	UNINA9910136434303321
Titolo	ANSI/IEEE Std 449-1984 : IEEE Standard for Ferroresonant Voltage Regulators // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	New York, N.Y. : , : IEEE, , 1982
ISBN	1-5044-0346-0
Descrizione fisica	1 online resource (26 pages) : illustrations
Disciplina	621.3815
Soggetti	Voltage regulators Transistors
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>This standard pertains to ferroresonant voltage regulators which operate at relatively constant frequencies and provide substantially constant output voltages in spite of relatively large changes of input voltage, and to controlled ferroresonant regulators which maintain substantially constant output voltages regardless of variations, within limits, of input voltage, temperature, frequency, and output load. Guides to application and test procedures are included. Provision is made for relating the characteristics of ferroresonant regulators to associated rectifiers and circuits. Definitions pertaining to ferroresonance and ferroresonant regulators which have not been found elsewhere are included with an appropriate discussion. This standard includes, but is not limited to, the following types of ferroresonant regulators: (1) Series ferroresonant regulators (2) Series-parallel ferroresonant regulators (electrically connected) (3) Ferroresonant transformer regulators (magnetically coupled) (4) Controlled ferroresonant regulators.</p>