

1. Record Nr.	UNINA9910872693703321
Titolo	42nd Midwest Symposium on Circuits and Systems, 1999
Pubbl/distr/stampa	[Place of publication not identified], : I E E E, 1999
Descrizione fisica	1 online resource (1246 pages)
Disciplina	621.315
Soggetti	Electric circuits Electrical engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	The newly developed phase-shift controlled bi-directional DC-DC converter has the conventional features of phase-shifted converters, including zero-voltage switching (ZVS) and constant switching frequency. However, it has been improved by developing a bi-directional power flow capability and applying synchronous rectification, hence the on-state voltage drop of the active devices are small.