



Bachelor Thesis

Design of a Magnetic Component Tester Equipment

Description

Magnetic components are critical in the operation of power converters. A good magnetic component tester equipment is required to measure the electrical characteristics and the thermal behavior of the component to ensure correct operation and verify the design.

Work

- Analysis of the topology
- Simulation of the overall system
- Design of the devices, components and control loop.
- Documentation and schematics

Requirement

- General interest in the topic
- Motivation
- Knowledge in power electronics
- English is required

General conditions

- Location: Office and laboratory at the institute
- Start: immediately possible
- Employment on a marginal basis

Kontakt

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