

Master-IT: Project work WS2010/2011

Topic:

LIN-based communication system for a contactless communication

Area: Industrial Communication

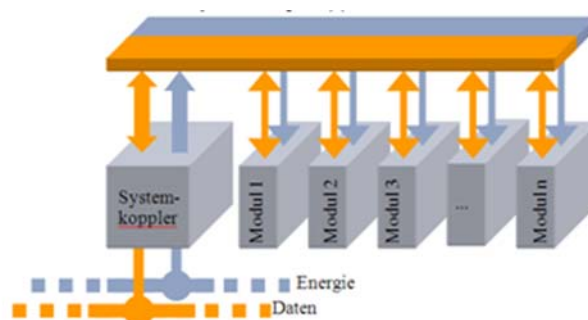
start: September 2010

partner: founded research project (inIT, Weidmüller, OWITA)

tools: microcontroller programming

Aim of the project is to implement a LIN based communication solution for a contactless communication. The project is done inside the research and development project inBAKA building a complete contactless backplane solution for the automation area.

- The communication system shall include the following features:
- Master-Slave Communication using the LIN Protocol, Implementation on a Microcontroller
- Integrating a position detection to allow an automatic ordering of the devices
- Performance measurements for a pure software-based solution



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