KPA EtherCAT PCI Board

.könig

KPA EtherCAT PCI Board (EtherCAT slaves with PCI interface) integrates a PC into an EtherCAT network.

1 Hardware

- ET 1100 ASIC
- Polling and IRQ-handling
- 8 kByte PDO/SDO, 8 FMMUs, 8 Sync Managers
- Transfer rate of 4,2 MByte/s
- Two address switches
- for position-independent addressing

2 Slave Stack

- Support of multiple boards within one system
- Operating Systems: INtime, Linux, QNX, RTX, xPC Target, VxWorks
- Several mailbox protocols
- CoE, EoE, FoE, SoE, VoE
- Distributed Clocks

3 Applications

- Automation, automotive test beds, simulation system, etc.
- Start-up development kit for EtherCAT slave application under Windows XP with possibility to port then to target using the same Slave stack API (cross-platform development)

4 Delivery package

- PCI board
- One year of technical support
- Downloaded from website
  - KPA EtherCAT Slave stack for PCI
  - Documentation and sample applications

5 Ordering information

Product code	Name	Comment
4001 0000	KPA EtherCAT PCI Board	Driver for Operating System necessary
7010 0019	KPA EtherCAT Studio	Configuration and diagnostic tool with integrated master

Numerical Code KPA PCI Driver for your operating system see on KPA website (after login)

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