



KPA EtherCAT PC104 Board (EtherCAT slave stack with PC104 interface) integrates a PC 104 system into an EtherCAT network.

1 Hardware

- ET 1100 ASIC
- 8 kByte PDO, 8 FMMUs, 8 Sync Managers
- Polling- and IRQ-handling
- DMA - support
- Transfer rate of 2 MByte/s using DMA and IRQ
- Software-configurable I/O address
- Two address switches for position independent addressing

2 Slave Stack

- Operating Systems: INtime, Linux, QNX, RTX, xPC Target, VxWorks.
- Several mailbox protocols as CoE, EoE, FoE, SoE, VoE
- Distributed Clocks
- Different scan rates



3 Applications

- Intelligent slave controller
- Master and slave within one PC104 system (vertical integration)

4 Delivery package

- PC104 board with compiled KPA EtherCAT Slave stack.
- Documentation and sample applications.
- One year of technical support and assistance in conformance testing included.

5 Ordering information

Product code	Name	Comment
4001 0100	KPA EtherCAT PC104 board	
7010 0019	KPA EtherCAT Studio	Studio configuration and diagnostic tool with integrated master

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koenig-pa GmbH Quality Management System certified according to DIN EN ISO 9001:2015 (Initial certification in 2008).
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