

PROFIBUS Product Development Workshop

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Introduction into PROFIBUS technology

- Masters and slaves
- Topology
- Token passing
- Master slave communication
- FDL-layer
- Busparameter

PROFIBUS DPV0

- State machine
- Diagnostic
- Parameter
- Configuration

PROFIBUS DPV1

- Services
- Diagnostics

PROFIBUS DPV2

- Isochronous Mode
- DataExchange Broadcast (DxB)

GSD

PROFICHIP asics

- VPCLS2
- VPC3+C
- MPI12x

RS 485

- Schematic
- D-Sub connector
- M12 connector

VPC3 application

- Schematic 8032
- Schematic 80C165

VPC3+C

- Buffer structure
- Service Set Slave Address
- Service Diagnostics
- Service Configuration
- Service Global Control
- Service DataExchange

Development tools

- Profichip evaluation board
- PROFITRACE/PROFICORE

Certification

Questions & discussion