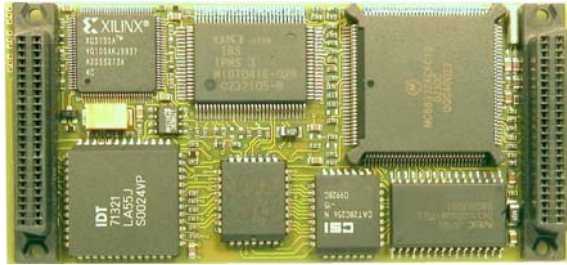


TIP811 Interbus Master Interface

Application Information

The TIP811 is an IndustryPack® compatible module providing a complete INTERBUS master interface using the MC68332 local controller.



The original INTERBUS master firmware of PHOENIX, which is running on the MC68332 local controller, handles the complete INTERBUS communication protocol. The host CPU can directly access the bit pattern of the I/O modules in the Dual Port RAM of the TIP811. The driver support (TIP811-SW-xx) for different operating systems is available.

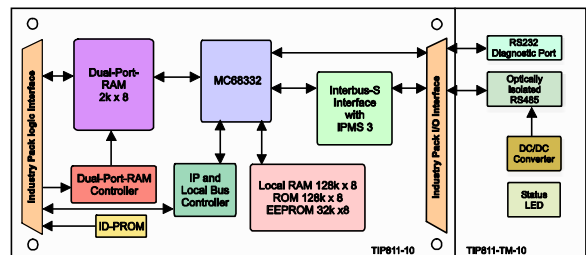


The TIP811-TM-10 transition module is required for the TIP811. It provides the optically isolated INTERBUS connector, a RS232 diagnostic port and status LED's.

For First-Time-Buyers the Engineering Documentation TIP811-ED is recommended. The Engineering Documentation includes TIP811-DOC, schematics and data sheets.

Technical Information

- Interface according to IndustryPack specification
- Identification-PROM supports auto-configuration
- Controller MC68332
- Local ROM 128k x 8, RAM 128k x 8 and EEPROM 32k x 8
- Dual Port RAM 2k x 8
- Interbus interface with IPMS3
- Supports a maximum of 128 I/O modules
- Supports a maximum of 2048 I/O points
- Transition Module 6HE with:
 - Optically isolated RS485 Interbus-S interface
 - RS232 diagnostic port
 - Status LED'S



Order Information

None RoHS Compliant

- TIP811-10** Interbus Master IP
- TIP811-TM-10** Interbus Master Transition Module

Documentation

- TIP811-DOC** User Manual
- TIP811-ED** Engineering Documentation (includes TIP811-DOC)

Software

- TIP811-SW-25** Integrity Software Support
- TIP811-SW-42** VxWorks Software Support (Legacy and VxBus-Enabled Software Support)
- TIP811-SW-65** Windows XP/XPE/2000 Software Support
- TIP811-SW-72** LynxOS Software Support
- TIP811-SW-82** LiNux Software Support
- TIP811-SW-95** QNX 6 Software Support

For other operating systems please contact TEWS.