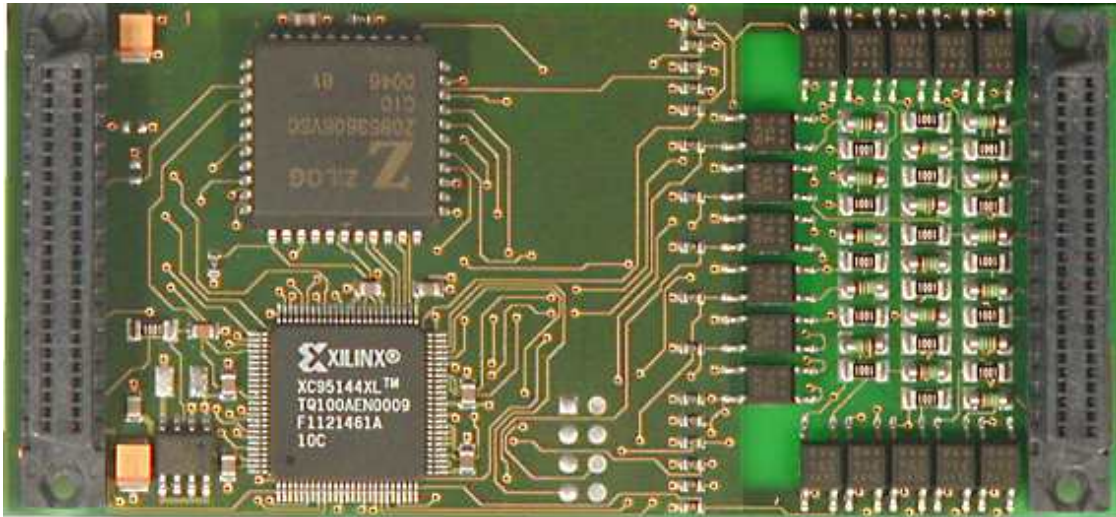# TIP600   16 Interrupt generating Digital Inputs

Application Information

The TIP600 is an IndustryPack® compatible module and has 16 digital inputs galvanically isolated by optocoupler. The individual inputs are potential free in relation to each other. A high performance input circuit ensures a defined switching point and polarization protection against confusing the pole.

All inputs have an electronic debounce circuit with a freely programmable debounce time. All inputs can generate an interrupt. The signal edge handling is programmable.

For systems with particularly fast reaction, each input can be assigned its own interrupt vector.

The Software Support TIP600-SW-xx provides functions to configure the TIP600, read the input status and connect software events to input state changes.

Technical Information

- Interface according to IndustryPack specification
- Identification-PROM supports auto-configuration
- Single Size IndustryPack
- 16 interrupt generating digital inputs
- 24V signal voltage for inputs, other voltages on request
- Optocouplers for galvanic isolation of input to computer system
- All inputs isolated against each other
- All inputs protected against confusing the pole
- All inputs have an electronic debounce circuit, debounce time is freely programmable
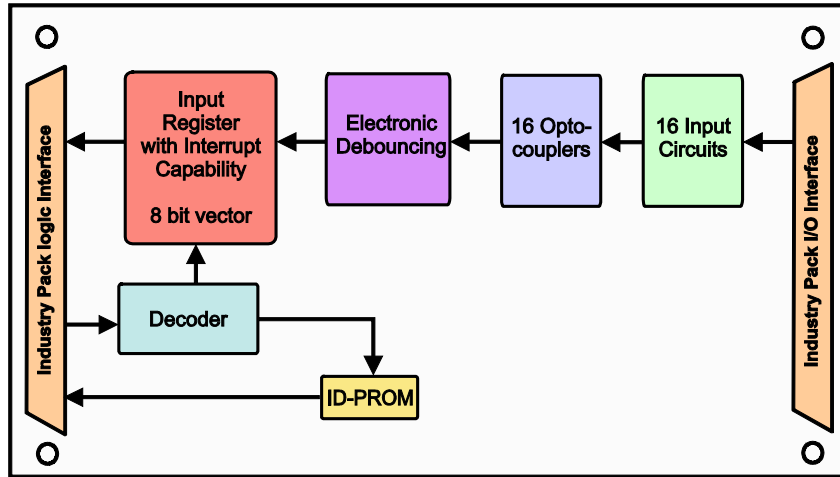
Order Information

RoHS Compliant

TIP600-10R   16 Digital Input, 24V, isolated, pgm. interrupts, pgm. Debounce

For the availability of non-RoHS compliant (leaded solder) products please contact TEWS.

Documentation
TIP600-DOC   User Manual

Software
TIP600-SW-42   VxWorks Software Support (Legacy and VxBus-Enabled Software Support)
TIP600-SW-65   Windows Software Support
TIP600-SW-82   Linux Software Support
TIP600-SW-95   QNX Software Support

For operating systems please contact TEWS.