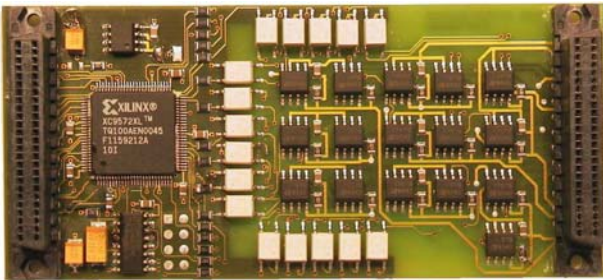


TIP700 16 (8) Digital Outputs, high and low side switches

Application Information

The TIP700 is an IndustryPack® compatible module providing 16 (8) digital outputs with galvanic isolation via optocouplers. The outputs are isolated against each other in groups of two.

All outputs resist short-circuits and are protected against thermal overload. The outputs are capable of driving 0.5A per channel. Each output can be configured individually as high or low side switch.

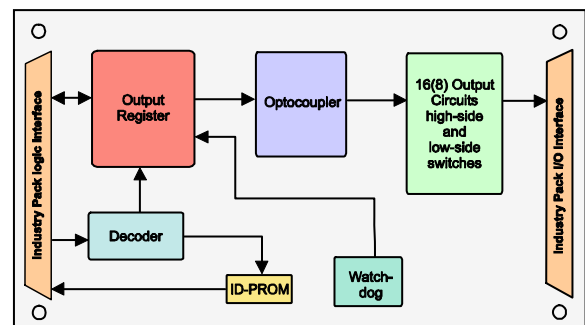


For First-Time-Buyers the Engineering Documentation TIP700-ED is recommended. The Engineering Documentation includes TIP700-DOC, schematics and data sheets.

Software Support (TIP700-SW-xx) is available for different operating systems.

Technical Information

- Interface according to IndustryPack specification
- Identification-PROM supports auto-configuration
- Single Size IndustryPack
- 16 (8) digital outputs, high and low side switches
- 24V signal voltage, current per output 0.5A
- Optocouplers for galvanic isolation of outputs to computer system
- Outputs are isolated against each other in groups of two
- Outputs are short-circuit protected
- Outputs protected against thermal overload
- Watchdog timer resets all channels in case of triggering failure



Order Information

RoHS Compliant

- TIP700-10R** 16 Digital Outputs, 24V, 0.5A
high and low side switches
- TIP700-20R** Same as TIP700-10R but 8 outputs

None RoHS Compliant

- TIP700-10 None RoHS compliant version of
TIP700-10R
- TIP700-20 None RoHS compliant version of
TIP700-20R

Documentation

- TIP700-DOC** User Manual
- TIP700-ED** Engineering Documentation, includes
TIP700-DOC

Software

- TIP700-SW-25** Integrity Software Support
- TIP700-SW-42** VxWorks Software Support
(Legacy and VxBus-Enabled Software
Support)
- TIP700-SW-65** Windows XP/XPE/2000 Software
Support
- TIP700-SW-72** LynxOS Software Support
- TIP700-SW-82** LINUX Software Support
- TIP700-SW-95** QNX 6 Software Support

For other operating systems please contact TEWS.