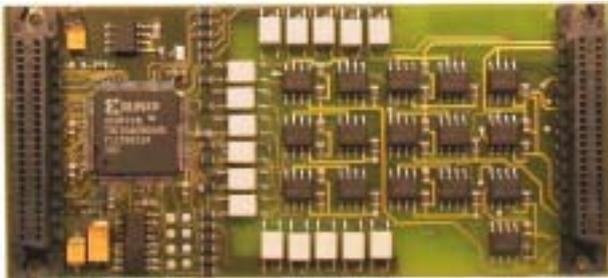


## TIP700 16 (8) Digital Outputs, high and low side switches

### 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.

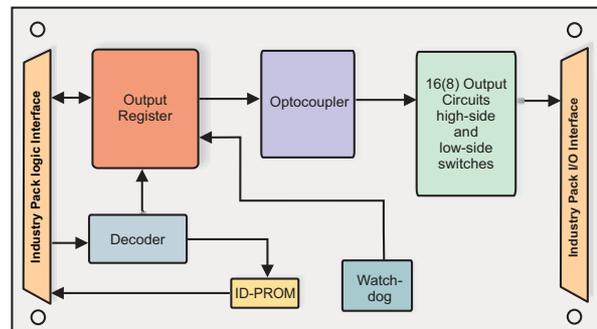


For First-Time-Buyers the engineering documentation TIP700-ED is recommended. The engineering documentation includes TIP700-DOC, schematics and data sheets.

Driver software (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

- |                     |  |
|---------------------|--|
| <b>TIP700-10</b>    | 16 Digital Outputs, 24V, 0.5A high and low side switches |
| <b>TIP700-20</b>    | Same as TIP700-10 but 8 outputs                          |
| <b>TIP700-DOC</b>   | User Documentation                                       |
| <b>TIP700-ED</b>    | Engineering Documentation, includes TIP700-DOC           |
| <b>TIP700-SW-12</b> | OS-9 Software Support                                    |
| <b>TIP700-SW-32</b> | pSOS Software Support                                    |
| <b>TIP700-SW-42</b> | VxWorks Software Support                                 |
| <b>TIP700-SW-62</b> | Windows NT 4.0 Software Support                          |
| <b>TIP700-SW-72</b> | LynxOS Software Support                                  |
| <b>TIP700-SW-82</b> | LiNux Software Support                                   |
| <b>TIP700-SW-92</b> | QNX 4 Software Support                                   |
| <b>TIP700-SW-95</b> | QNX 6 Software Support                                   |