The Embedded I/O Company

TEWS TECHNOLOGIES

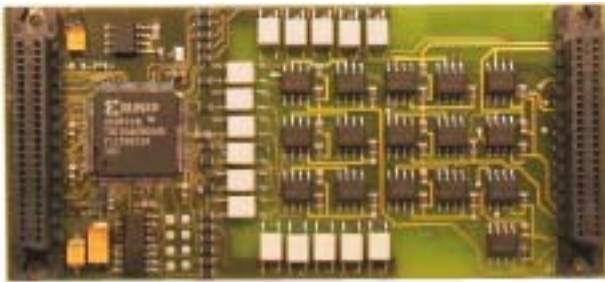## TIP700 16 (8) Digital Outputs, high and low side switches

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.
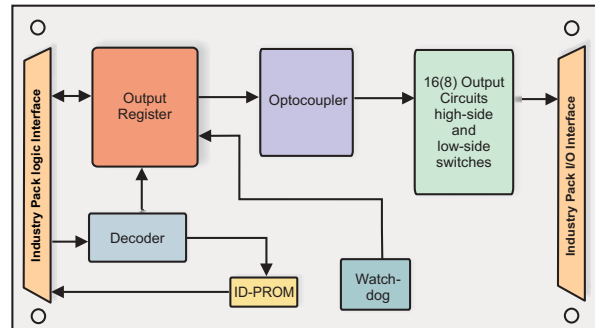

For First-Time-Buyers the engineering documentation TIP700-ED is recommended. The engineering documentation includes TIP700-DOC, schematics and data sheets.

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

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