

TPMC700 32 / 16 Digital Outputs (24V, 0.5A) High Side Switches

Application Information

The PMC compatible module TPMC700 has 32 (16) digital outputs with galvanic isolation via optocouplers. All outputs resist short-circuits and are protected against thermal overload. The output drivers are capable of driving 0.5A continuous per channel as high side switch. A hardware watchdog clears all outputs in case of trigger failure.

The TPMC700-1x provides front panel I/O, the TPMC700-2x provides P14 I/O.

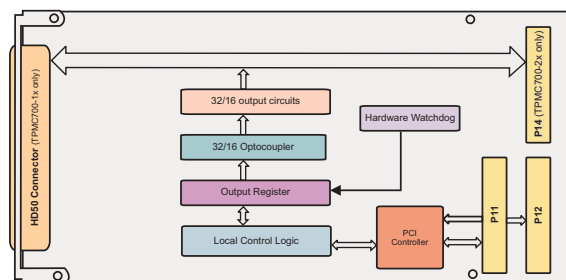


For First Time Users the engineering documentation TPMC700-ED is recommended. The engineering documentation includes TPMC700-DOC, schematics and data sheets.

Driver software (TPMC700-SW-xx) is available for different operating systems.

Technical Information

- Standard single-width 32-bit PMC module conforming to IEEE P1386.1
- PCI 2.1 compliant interface
- Board size: 149mm x 74mm
- 32 / 16 digital outputs, high side switches
- 24 V signal voltage, current per output 0.5A
- Optocoupler for galvanic isolation
- Outputs are short-circuit protected
- Outputs are isolated to each other in groups of four outputs
- Outputs protected against thermal overload
- Watchdog timer resets all channels in case of trigger failure



Order Information

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|----------------------|---|
| TPMC700-10 | 32 Digital Outputs, front panel I/O |
| TPMC700-11 | 16 Digital Outputs, front panel I/O |
| TPMC700-20 | 32 Digital Outputs, P14 I/O |
| TPMC700-21 | 16 Digital Outputs, P14 I/O |
| TPMC700-DOC | User Documentation |
| TPMC700-ED | Engineering Documentation, includes TPMC700-DOC |
| TA301-10 | Cable Kit for modules with HD50 Connector |
| TPMC700-SW-12 | OS-9 Software Support |
| TPMC700-SW-32 | pSOS Software Support |
| TPMC700-SW-42 | VxWorks Software Support |
| TPMC700-SW-62 | Windows NT 4.0 Software Support |
| TPMC700-SW-65 | Windows XP/2000/98 SE/ME Software Support |
| TPMC700-SW-72 | LynxOS Software Support |
| TPMC700-SW-82 | LiNIX Software Support |
| TPMC700-SW-92 | QNX 4 Software Support |
| TPMC700-SW-95 | QNX 6 Software Support |