DPF-0202	Windows Driver Software for Industrial Controller (Core2Duo) System Monitoring Library

概要

System monitoring library is software to monitor Interface industrial controllers by applications running on Windows.
Application software links a provided dynamic link library (DLL) and monitors them through the application programming interface (API).

特長

- Start, stop, and cycle of watchdog timer (WDT) are freely configurable by software.

- If WDT is not cleared during the specified cycle, either CPU reset or interrupt event notification is selectable.

- Temperatures of CPU and board can be retrieved.

- An interrupt notification is generated when the CPU/board temperature exceeds the specified upper/lower limits.

- Power supply voltage (+5V, +3.3V, +12V) can be retrieved.

- The insertion status of the slot-in power supply module and the status of alarm/abnormal signals can be retrieved.

- An interrupt event notification is generated when abnormal status is detected on slot-in power supply module.

- Current status and information of battery can be retrieved.

- The operating system is automatically shut down after the battery detects power failure. The time from detection of power failure to shutdown of operating system is configurable.

- Multitasking is supported. This software monitors the system from multiple applications.

- Utilities to monitor slot-in power supply module and battery module are included.

- Sample programs for WDT, temperature monitoring, power supply voltage monitoring, slot-in power supply module monitoring, and interrupt event notification are included

対応 OS

Windows Embedded Standard 2009
Windows XP

対応言語

Microsoft Visual C++ 6.0,.NET 2002,.NET 2003,2005,2008
Microsoft Visual C# .NET 2002,.NET 2003,2005,2008
Microsoft Visual Basic 6.0,.NET 2002,.NET 2003,2005,2008

注意事項

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