| DPF-0207 | System Monitoring Library Windows Driver Software for Eco Classembly Devices(R) |

| 概要 |

The System monitoring library monitors Interface Eco Classembly Devices(R) by an application program running on Windows.
The application program links a provided dynamic link library (DLL) and monitors our Eco Classembly Devices(R) through the application programming interface (API).

| 特長 |

- Starting, stopping, and time-out time of the watchdog timer (WDT) are freely configurable by software.
- If the WDT is not cleared within a specified time-out-time, the CPU will be reset or an interrupt event will be generated.
- Temperatures of printed circuit board (PCB) and memory chip can be retrieved.
- An interrupt event is generated when the temperature of PCB exceeds the specified upper or lower limit.
- A voltage of power supply can be retrieved.
- An interrupt is generated when the voltage of power supply exceeds the specified upper or lower limit.
- An Interrupt event is generated when abnormal voltage is detected on power supply.
- A RAS signal is asserted when an abnormal status is detected by configuring the conditions beforehand. The application program can also control the output.
- Digital input and output are supported. An interrupt event is notified when an input signal is asserted on each input pin.
- A behavior in the event of power failure can be configured and the battery status can be retrieved when an optional battery module is connected.
- The battery status can be simulated.
- Multi-process processing is supported. One or more programs can simultaneously monitor the system.
- Sample programs for WDT, temperature monitoring, power supply voltage monitoring, interrupt event notification, RAS output, digital input/output, FBWF memory monitoring are included.
- The system stability can be secured by monitoring the free disk space of the FBWF memory.
- An interrupt event is generated when the free disk space of the FBWF memory is under the specified lower limit.

- This software displays the free disk space of the FBWF memory through the GUI utility and generates a warning message.

| 対応 OS |

Windows 10 IoT Enterprise x64
Windows 7 64bit
Windows 7
Windows Embedded Standard 7 64bit
Windows Embedded Standard 7
Windows Embedded Standard 2009
Windows XP

| 対応言語 |

Microsoft Visual C++ 6.0, .NET 2002, .NET 2003, 2005, 2008, 2010, 2012, 2013
Microsoft Visual C# .NET 2002, .NET 2003, 2005, 2008, 2010, 2012, 2013
Microsoft Visual Basic 6.0, .NET 2002, .NET 2003, 2005, 2008, 2010, 2012, 2013

| 注意事項 |

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