

CPU 020	Make ASCII Date Text String: _CPU020_MakeAsciiDate
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Basic function	Converts the present date to ASCII.										
Symbol											
File name	Lib\FBL\omronlib\PLC\Card_CPU020_MakeAsciiDate10.cxf										
Applicable models	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">CPU Unit</td> <td>CS1*-CPU**H Unit version 3.0 or higher</td> </tr> <tr> <td></td> <td>CJ1*-CPU**H Unit version 3.0 or higher</td> </tr> <tr> <td></td> <td>CJ1M-CPU** Unit version 3.0 or higher</td> </tr> <tr> <td></td> <td>CP1H</td> </tr> <tr> <td></td> <td>CP1L</td> </tr> </table>	CPU Unit	CS1*-CPU**H Unit version 3.0 or higher		CJ1*-CPU**H Unit version 3.0 or higher		CJ1M-CPU** Unit version 3.0 or higher		CP1H		CP1L
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Conditions for usage	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">CX-Programmer</td> <td>Version 5.0 or higher</td> </tr> </table>	CX-Programmer	Version 5.0 or higher								
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Conditions for usage	<p>CPU Unit Time Functions</p> <p>Unreliable values will be output if the CPU Unit's internal clock is not stable, such as when the CPU Unit is operated without a backup battery.</p>										
Function description	<p>When the execution condition goes ON, this function outputs the present date (with 2-digit year) in ASCII. For example, the output would have been #3035303130310000 on January 1, 2005.</p>										
Application example	<p>1) When bit A goes ON, the present date is output in ASCII to 4 words starting at D0.</p> <p>2) A directory is created in the Memory Card with the present date as the directory name.</p>										

Variable Tables
Input Variables

Name	Variable name	Data type	Default	Range	Description
EN	EN	BOOL			1 (ON): FB started 0 (OFF): FB not started.

Output Variables

Name	Variable name	Data type	Range	Description												
ENO	ENO	BOOL		1 (ON): FB processed normally. 0 (OFF): FB not processed or ended in an error.												
Date in ASCII	AsciiDate	LWORD		<p>Outputs the date in ASCII (always 8 characters).</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 5%;">n+3</td> <td style="width: 10%;">#3034</td> <td style="width: 45%;">Year (last 2 digits)</td> </tr> <tr> <td>n+2</td> <td>#3033</td> <td>Month</td> </tr> <tr> <td>n+1</td> <td>#3230</td> <td>Day of month</td> </tr> <tr> <td>n</td> <td>#0000</td> <td>Always #0000</td> </tr> </table> <p style="text-align: right; font-size: small;">ASCII code for the date of 3/20/2004</p>	n+3	#3034	Year (last 2 digits)	n+2	#3033	Month	n+1	#3230	Day of month	n	#0000	Always #0000
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n+2	#3033	Month														
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n	#0000	Always #0000														

Version History

Version	Date	Contents
1.00	2005.2.	Original production

Note

This manual is a reference that explains the function block functions. It does not explain the operational limitations of Units, components, or combinations of Units and components. Always read and understand the Operation Manuals for the system's Units and other components before using them.