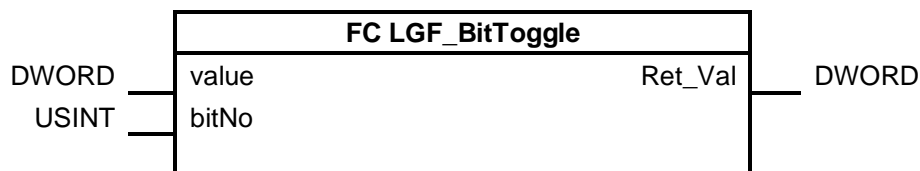


LGF_BitToggle

Short description

This block toggles a bit at a predefined position in a variable of the data type DWORD. Alternatively, Word and Byte can be used instead of DWord by converting the passed parameter with, for example, BYTE_TO_DWORD and the result with DWORD_TO_BYTE.

Block



Input parameters

Parameters	Data type	Description
value	DWORD	Variable at which the bit is toggled.
bitNo	USINT	Bit number to be toggled in the “value” parameter.

Output parameters

Parameters	Data type	Description
Ret_Val	DWORD	Variable with toggled bit.

Further information on libraries in TIA Portal:

- Topic page libraries
<https://support.industry.siemens.com/cs/ww/en/view/109738702>
- Guideline on Library Handling
<https://support.industry.siemens.com/cs/ww/en/view/109747503>
- Programming Guideline for S7-1200/1500 in chapter “Libraries”
<https://support.industry.siemens.com/cs/ww/en/view/81318674>
- Programming Styleguide
<https://support.industry.siemens.com/cs/ww/en/view/81318674>