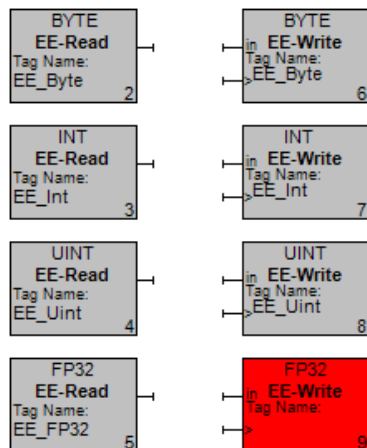


Function Block 45, 47, 49, 51. Function Blocks 46, 48, 50, 52.

Read data from Data EEPROM Write data to Data EEPROM

Function Description

Read and write data values from and to PIC Data EEPROM memory. For the read blocks the user must supply an initial value. For read function blocks the EEPROM value can be changed when VPS_P18 is on-line or in simulator mode. To synchronize EEPROM addresses a system of tag names is used. Assign the same tag name to a pair of EE-Read and EE-Write function blocks will assign the same EEPROM address to both.



frmPopup18

Function Block type: FB52

Write FP32 to Data EEPROM

Parameters

FB Tag name	Initial value
EE_FP32	

EEread Tags

EE_Byte
EE_FP32
EE_Int
EE_Uint

EEwrite Tags

EE_Byte
EE_Int
EE_Uint

Execution Sequence Nr.

	Current	New
	9	0

Cancel Accept

Popup Parameters

- FB Tag name: Unique name assigned to function block.
- Initial value: Initial value of Data EEPROM variable. (EE-Read blocks only)
- Execution sequence number.

Data Types

Function block 45 Read Byte data from data EEPROM
 Function block 47 Read INT data from data EEPROM
 Function block 49 Read UINT data from data EEPROM
 Function block 51 Read FP32 data from data EEPROM

Function block 46 Write Byte data to data EEPROM
 Function block 48 Write INT data to data EEPROM
 Function block 50 Write UINT to from data EEPROM
 Function block 52 Write FP32 data to data EEPROM

Input/output and Parameters

Type	Description	Data Type	Range
Output	Output signal	Depends on FB	Depends on FB

Application

Read from and write to nonvolatile Data EEPROM memory. For read-blocks an initial value is specified at configuration time. When in on-line these values can be modified with VPS_P18's Graphical user interface. In simulator mode the virtual data EEPROM memory is modified.

Notes:

Function block 45... 52 can be executed in Cycle and Time tasks.