

Function Block 160, 161, 162, 166

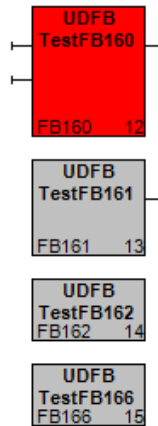
User Defined Functions

Function Description

These 4 Function Blocks are provided so users can add their own source (assembler) code to provide functionality not provided by the VPS_P18 library.

Note:

You are strongly advised to consult the VPS_P18 Application note on User Defined Functions before using these function blocks.



frmPopup14

User Defined FB160

Edit/Create Source file

Parameters

Source file name: (max 60 characters)
D:\LLG_PLL\TestFB160.UDF

Function description TestFB160

Number of Inputs 2

Number of Outputs 1

Execution Sequence Nr.

Current 12

New 0

Cancel Accept

FB160

The source code for this function block is executed in either a Cyclic task or a Time task. You simply place one or more FB160's on a code page. There is no limit to the number of FB160's used in a project.

FB161

The source code for this function block is placed in the Low Priority Interrupt chain, where its purpose is to service interrupts of peripherals NOT USED by VPS_P18.

FB162

The source code for this function block is placed in VPS_P18's initialization routine. The purpose of its source code is to initialize/configure peripherals not used by VPS_P18.

FB166

The source code for this function block is placed inside the Timer 0 Interrupt Service Routine, which is used as the System Clock set for 2mSec. Only one FB166 is allowed.

Popup Parameters

- Source file name: (max 60 characters)
This field indicates the source code file name associated with the particular function block. When any of FB160, 161, 162, or 166 is first placed on a code page this field will have a red background to indicate there is no source file associated with the function block. Source files are created and edited by using the Edit/Create Source file button to display the editor. Source files use the extension .UDF.
- Function description
In this field the user can enter up to 10 characters which will be visible on the function block graphic element.
- Number of Inputs
A user selectable (0 – 8) number of input terminals for the function block.
- Number of Outputs
A user selectable (0 – 8) number of output terminals for the function block.

- Execution sequence Nr.
Although all user defined function blocks will display an execution sequence number in the bottom left corner of the graphic element, it is only of significance for FB160.

