

Function Block 142 Display Byte on LCD

Function Description

Display a BYTE value on the LCD device. The value takes up 3 character positions, and the user must select the display position at design time. Setting the display position = 255 will cause the value to be displayed at the current selected cursor position. When the enable input (Ena) is at logic 0 the function block is not executed. The enable input can be inverted.



Popup Parameters

- User selectable LCD display position. The Hex representation of the position selected is also displayed.
- Execution sequence number.

Input/Output and Parameters

Type	Description	Data Type	Range
Input In	BYTE value to display	BYTE	0....255
Input Ena	Enable display driving	Boolean	0, 1

Application

Notes:

Function block 142 can be executed in Cycle and Time tasks.

The LCD unit can be connected to either PORTB or PORTD. The selection is done from the Configuration>Port B or Configuration>Port D tabs. The LCD interface uses the 4-wire interface, details of which is given in the directory DOCUMENTATION>HARDWARE file VPS_P18_LCD_Display.pdf