

CharLCD_Hbar Example Project

2.10

Features

- This example project shows example of horizontal bar graphs usage
- Project supports 2x16 LCDs available with CY8CKIT-001

General Description

This example project demonstrates usage of the character LCD component feature with custom character support.

Development Kit Configuration

This example project is designed to run on the CY8CKIT-001 from Cypress Semiconductor. A full description of the kit, along with more example programs and ordering information, can be found at <http://www.cypress.com/go/cy8ckit-001>.

The project requires the following configuration settings changes in order to run on the CY8CKIT-001 from Cypress Semiconductor. A full description of the kit, along with more example programs and ordering information, can be found at <http://www.cypress.com/go/cy8ckit-001>.

Project Description

1. This project is written for a 2X16 display such as the one available on CY8CKIT-001. It will need slight modification to run on larger displays.
2. Build the project and program the hex file on to the target device.
3. Power cycle the device and observe the results on the LCD.

Expected Results

Series of horizontal bar graphs are drawn, left to right. First, row 0 is filled followed by a clear display. Bars move towards right, becoming shorter and shorter. The same happens on row 1. Finally a text on the display indicates completion of the demo.



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