

# CharLCD\_CustomFont Example Project

## 2.0

## Features

- This example project shows example of usage custom character set
- 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.
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

After programming the *CharLCD\_CustomFont* example LCD connected to CY8CKIT-001 displays “Cypress” written with custom font in the first LCD row and “Perform” written with regular font in the second row.

You can open the Character LCD component customizer and replace or modify the characters that are printed on the LCD. In this case the project has to be rebuilt and programmed to the kit.



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