

January 29, 2025

Engineering Change Notification

This notice is to inform you of a change to the following LCD product:


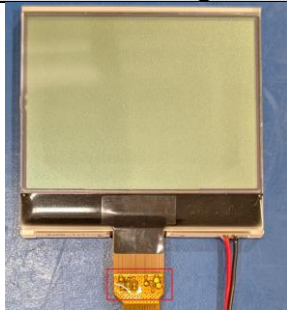
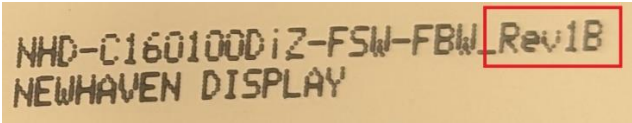
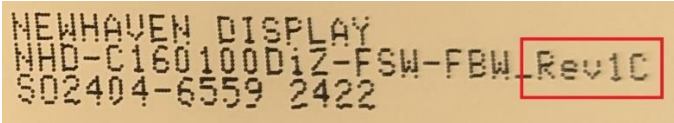
NHD-C160100DiZ-FSW-FBW

The ST7528 controller IC used in this display has been discontinued by the IC manufacturer. The controller IC on the new version of the LCD has been upgraded to ST75160i. The new IC's instruction set and initialization sequence are different than the previous IC. Details of the changes are described in the [Product Transition Guide](#).

The new version of the display uses the same glass panel and backlight as the previous version. There is a small change to the mechanical dimensions of the FPC, which is detailed in the [Product Transition Guide](#).

The new version of the display does not require external capacitors on pins 8-12. Required capacitors have been added to the FPC as a design improvement for the user. The pins that previously required a capacitor have been changed to no-connect for the user. Details of the pinout change are described in the [Product Transition Guide](#).

The new displays will be labeled with a different revision control number after the part number. See example below.

Old Design	New Design
	
	

We understand that every customer's application is unique, and therefore recommend you test and validate samples of the updated design.

Samples may be purchased by contacting us at nhsales@newhavendisplay.com. When ordering samples, please specify that you would like to receive the new version.

Please visit www.newhavendisplay.com or email nhtech@newhavendisplay.com for further information or assistance with this change.