

April 29, 2026

Engineering Change Notification

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


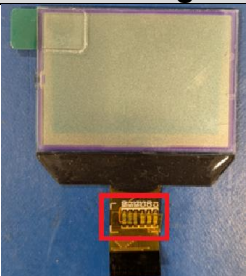
NHD-C160100AZ-RN-GBW

The ST7528i 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 LCD version adds support for 8-bit 6800 Parallel, 3-wire SPI, 4-wire SPI, and I²C interface modes which are selectable by using the interface select signals on pins 1-3. Pull-up and pull-down resistors have been added on the FPC to set 8-bit 8080 Parallel as the default interface mode to match the previous version of the display. When using this interface mode, pins 1-3 can be treated as no-connect pins.

The new version of the display does not require external capacitors to be added by the user. Capacitors have been added to the FPC as a design improvement. 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
	
S01804-1667-2618 NHD-C160100AZ-RN-GBW NEWHAVEN DISPLAY	NEWHAVEN DISPLAY NHD-C160100AZ-RN-GBW S02407-6706-2437 Rev1A

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.

