

October 14, 2021

Engineering Change Notification

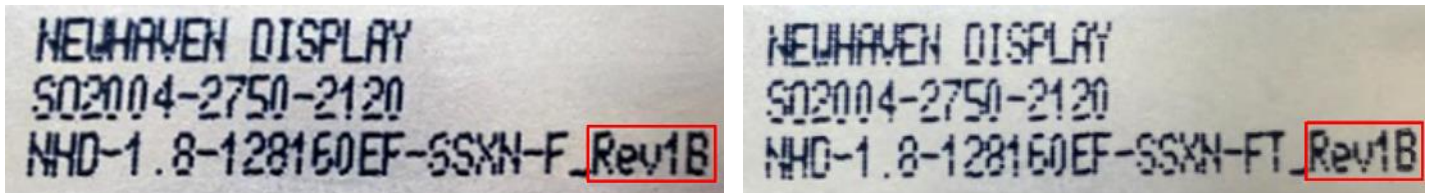
This notice is to inform you of a change to the following TFT products:

NHD-1.8-128160EF-SSXN-F
NHD-1.8-128160EF-SSXN-FT

Pin 12 on the display has changed from “No Connect” to “Tearing Effect Output” signal. The Tearing Effect (TE) output signal allows the user to synchronize the MCU to frame writing. This feature is useful for applications in which the frame write speed does not match the display’s refresh rate, causing a synchronization issue that results in tearing effect on the screen.

Please refer to page 62 of the [ILI9163V datasheet](#) for more details about the TE signal. If you do not plan to use this signal, you may continue to treat pin 12 as a “No Connect” pin.

The new displays will be labeled with **Rev1B** identifier after the part number.



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

Samples may be requested by contacting us at nhsales@newhavendisplay.com. When requesting samples, please specify that your inquiry pertains to the new version.

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