

August 19, 2024

Engineering Change Notification

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

NHD-5.0-800480FT-CTXL-CTP	NHD-5.0-800480TF-ATXL#-T	NHD-5.0-HDMI-N-RTXL
NHD-5.0-800480FT-CTXL-CTPG8	NHD-5.0-800480TF-ATXL#-TR17	NHD-5.0-HDMI-N-RTXL-CTU
NHD-5.0-800480FT-CTXL-T	NHD-5.0-800480TF-ATXL-CTPKIB	NHD-5.0-HDMI-N-RTXL-CTU-CO
NHD-5.0-800480TF-ATXL#	NHD-5.0-800480TF-ATXL-CTPME	NHD-5.0-HDMI-N-RTXL-RTU
NHD-5.0-800480TF-ATXL#-CTP		

Manufacturing of the TFT glass panel used in these displays has moved to a new production line. All optical characteristics of the new glass panel are equivalent to the old glass panel.

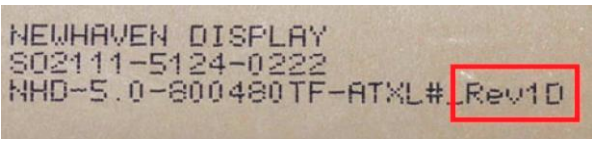

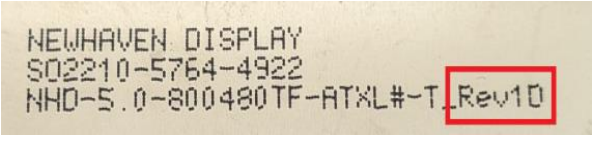

Additionally, the ILI6122 driver IC used in the manufacturing of these displays has been discontinued by the IC manufacturer and replaced by ILI6137 driver IC. The new ILI6137 IC has the same timing characteristics as the old ILI6122 IC.

ILI6122 Datasheet: [Click here](#)

ILI6137 Datasheet: [Click here](#)

The changes described above should not have any impact on the part's electrical or mechanical compatibility within your system. All our testing has found the new display to be compatible with existing platforms driving the old display. We fully expect the new display to fit and function without any issue for our customers.

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.

