

June 17, 2024

Engineering Change Notification

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



NHD-10.1-1024600BF-ASXP-CTP
NHD-10.1-1024600BF-ASXP-CTPFM
NHD-10.1-1024600BF-LSXP-CTP
NHD-10.1-1024600MB-ASXP-CTP

NHD-10.1-1024600MB-LSXP-CTP
NHD-10.1-HDMI-A-RSXP-CTU
NHD-10.1-HDMI-A-RSXP-CTU-CE

The Capacitive Touch Panel controller IC used in these displays has moved to a new production line. The part number of the CTP controller IC is changing from FT5526EEZ-003 to FT5536U. The firmware ID number stored in CTP register 0xA6 is changing from 0x18 to 0x19.

Our testing has found the new version to be backwards compatible when interfacing directly with the touch panel over I2C. However, the new touch panel may not function the same as the previous version if the customer's board uses a controller to change from native I2C to a different interface.

The new touch panels will be labeled with a different revision control number on the FPC. 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.

