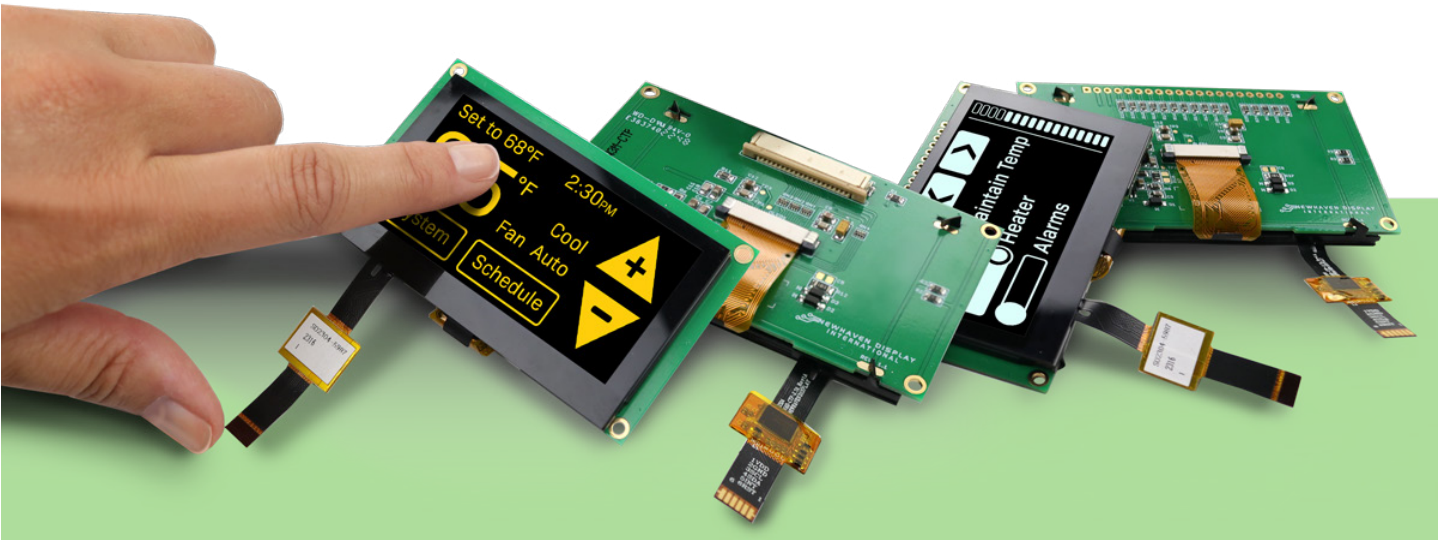


## 2.7" Graphic OLEDs with Capacitive Touch



### Now at your Fingertips: OLEDs + Capacitive Touchscreen

OLED technology is self-illuminating and ensures power efficiency without compromising on visual brilliance, making these passive-matrix displays a perfect fit for applications where style and performance matter. Our new 2.7" OLED line includes two different connection options: a 20-pin thru-hole connection or a 20-pin FFC connection (Molex 52271-2079) in yellow or white monochrome colors. Paired with a capacitive touchscreen, users can intuitively interact with precise inputs and navigate through menus, zooming in on details and more. The PCAP touchscreen has a built-in I<sup>2</sup>C interface and includes EMI shielding for added protection. These compact OLEDs also offer the choice of parallel or SPI interface and are fully compatible with Arduino, allowing seamless integration with a wide range of applications.

#### OLED Features

- 2.7" Diagonal with 128x64 pixel resolution
- Capacitive touchscreen with I<sup>2</sup>C interface
- Serial or parallel interface
- Two connection options
- White or yellow color options
- 10,000:1 contrast ratio
- User configurable power options
- Built-in EMI shielding
- Built-in SSD1322 display controller

#### Product Part Numbers

- > NHD-2.7-12864WDW3-CTP
- > NHD-2.7-12864WDW3M-CTP
- > NHD-2.7-12864WDY3-CTP
- > NHD-2.7-12864WDY3M-CTP