

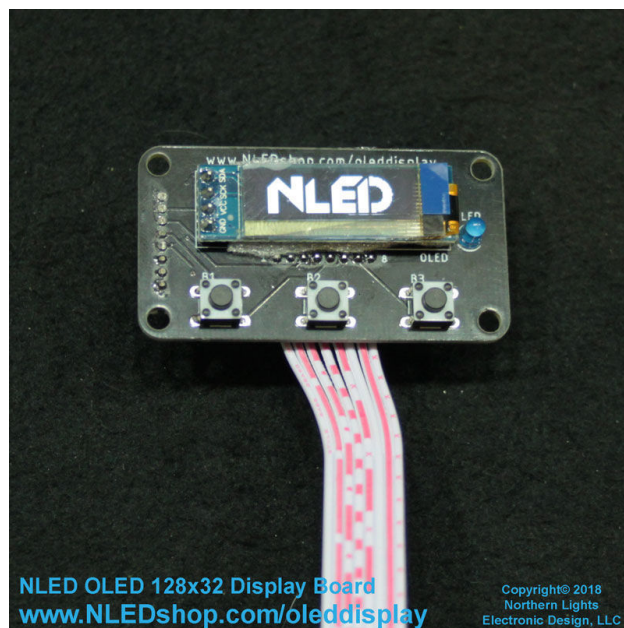
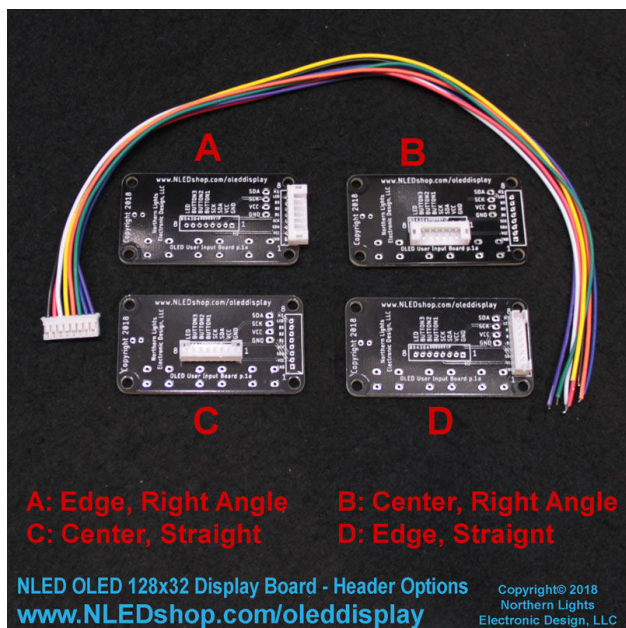
## NLED OLED Display Board

This is a simple carrier board is for the 128x32 I2C OLED display based on the SSD1306 chipset. It has three on board buttons, and two positions for connecting an 8-pin JST-PH(2.0mm pitch) wire harness. Supports both right angle and straight 8-pin JST-PH headers. NLED controllers which utilize a 128x32 OLED display is compatible with this device.

Offering multiple offerings of this device, with either right angle or straight headers, in either of the two positions. For Arduino and other DIY projects, this device is offered as a parts kit. Assemble it how ever you like and use one of the many code examples and libraries to interface with it. All options are offered with a compatible blue or white colored 128x32 OLED display.

### Features:

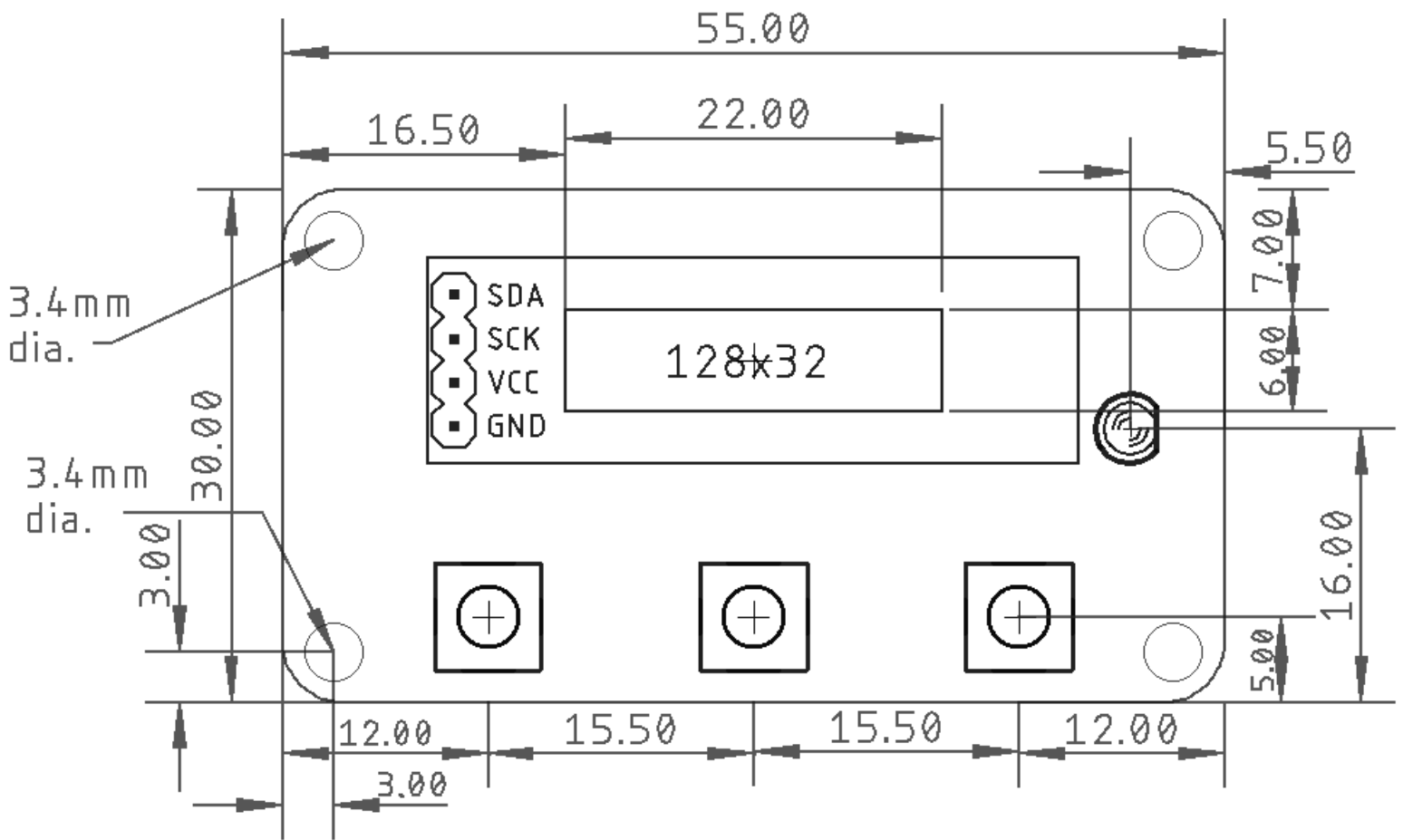
- Supports the SSD1306 series of OLED displays with I2C Carrier Board, 128x32 resolution.
- I2C Communication - Many Librarires Available. For all processors, Arduino, PIC, Atmel, etc.
- Multiple connecting options. Right angle, straight, edge, and center.
- Free and Open Hardware.
- Utilizes off the shelf 8-pin JST-PH connectors. 2.0mm pitch.
- Up to 3 optional buttons, part package offers multiple stem heights.
- OLED height off the PCB is adjustable.
- Supports all OLED colors. White, Blue, Yellow, Red.(Not all colors are stocked)
- Available ready to use or as a parts kit for DIY projects.



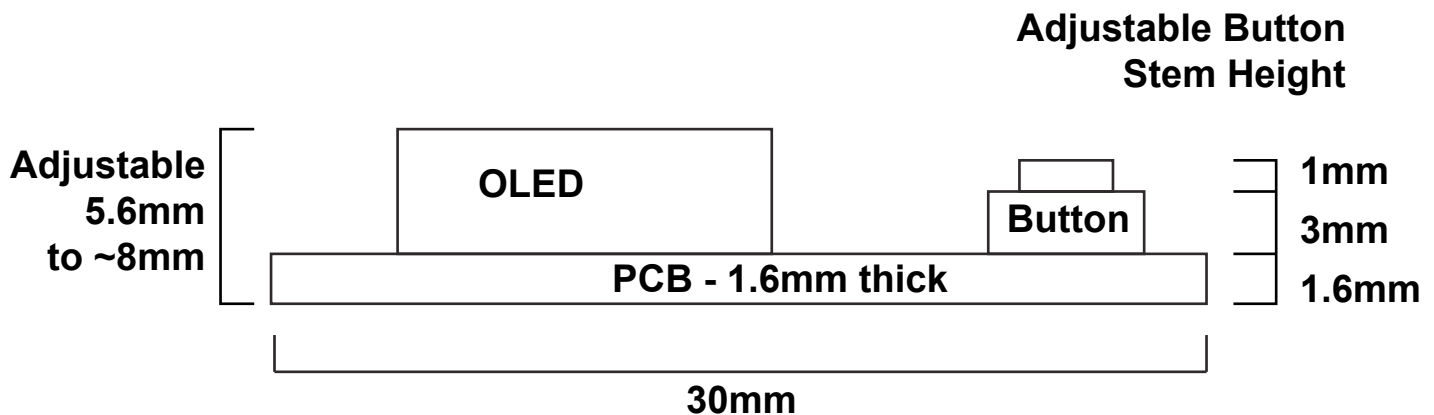
### Specification:

Input Voltage(VIN)	3.3 volts
Logic Current Draw	< 60mA
Inputs/Outputs	JST-PH(2.0mm)
Connector Spacing	2.0mm
Overall Dimensions	55mm x 30mm

## Mechanical Drawing(Continued)



## Side View



\*OLED height off PCB surface is adjustable by adjusting the OLED pins before soldering

## Mechanical Drawing(Continued)

Additional dimensions and measurements can be obtained from the Eagle PCB files

