

40x2 STN Character LCD C402ALBSYLY6WT55XAA

Size: 182x33.5

Backlight: Yellow/Green LED

Controller: ST7066U or equivalent/Parallel

Voltage: 5 Volt

Operating Temp: Wide (-20C to +70C)


[SPECIFICATIONS](#)

* Voltage Options (3V Or 5V):

3V

5V

Quantity:

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PRODUCT DESCRIPTION

40x2 Character LCD Display | SC# C402ALBSYLY6WT55XAA

AKA: **4002 Alphanumeric module**

Module size: 182.0 x 33.5 mm

STN Yellow/Green background color with Y/G LED backlight, bottom (or 6:00) viewing angle, Transflective (positive), RoHS Compliant. Available in both 3-volt or 5-volt power supply options. This display has a wide temperature range: -20° Celcius to $+70^{\circ}$ Celcius which equates to $(-4^{\circ}$ Fahrenheit to $+158^{\circ}$ Fahrenheit).

STN (**Super-twisted Nematic**) provides a sharper image and wider viewing angle than TN (Twisted Nematic). The cost for STN is approximately 5% higher than TN. STN is an ideal fluid for outdoor products that need to be read at various angles. The **Transflective polarizer** is a mixture of Reflective and Transmissive. It provides the ability to read the LCD with or without the backlight on. It will work for all lighting conditions from dark with backlight to direct sunlight which makes it the most common choice. There is no cost difference between Transflective, Transmissive and Reflective.

BENEFITS

- Low cost solution
- Selectable operation with or without backlight
- Full documentation provided to save you time & frustration
- Built in driver for quick programing
- Enjoy the versatility of super twist fluid allowing for wide viewing angles & the ability to operate in wide

environmental conditions

- Great for reading at a distance with its oversized display
- Large alphanumeric display with font of 80 characters
- Standard I/O power input
- Popular yellow green color

DOCUMENTATION

- [40x2 Character Display Datasheet](#)
- [ST7066U Controller](#)
- [RoHS](#)

ACCESSORIES

- Mating connectors
- Cables
- Mounting screws
- Demo boards
- Development boards

CONTACT US

Call between 7:30am to 4:30pm (MST) to talk to a real live human who will not send you to three different departments or to someone's voicemail. **Call NOW for LIVE support.** (480) 503-4295

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