

40x2 STN Character LCD C402ALBSBSW6WN55XAA

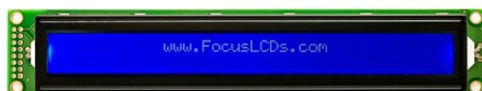
Size: 182x33.5

Backlight: White Edge-lit LED

Controller: ST7066U or equivalent/Parallel

Voltage: 5 Volt

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



SPECIFICATIONS

Quantity:

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Overview

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PRODUCT DESCRIPTION

40x2 Character LCD Display | SC# C402ALBSBSW6WN55XAA

AKA: **4002 Alphanumeric module**

Module size: 182.0 x 33.5 mm

STN Blue background with White Edge-lit backlight, bottom (or 6:00) viewing angle, Transmissive (negative), RoHS Compliant. Available in both 3V or 5V 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 **Transmissive polarizer** is best used for displays that run with the backlight on all the time. This polarizer provides the brightest backlight possible. When you have a need for a bright backlight with lower power drain, transmissive is a good choice.

BENEFITS

- Low budget solution
- Conveniently displays large amounts of data on oversized glass without the need to refresh
- Very versatile - Operates from cold to hot temperature ranges
- Grab attention with bold blue color & bright energy efficient backlight
- Thin profile is great for products with spatial limitations

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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