



16x2 STN Character LCD C162LLBSBSW6WN55PAB

Size: 53x20

Backlight: White Edge-lit LED

Controller: SPLC780D or equivalent/Parallel

Voltage: 5 Volt

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



* Voltage Options (3V Or 5V):

3V

5V

Quantity:

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PRODUCT DESCRIPTION

16x2 Character LCD Display | SC# C162LLBSBSW6WN55PAB

AKA: 1602 Alphanumeric Display

Module size: 53.0 x 20.0 mm

Driver: SPLC780

STN Blue background, White Edge-lit backlight, bottom (or 6:00) viewing angle, Transmissive polarizer, Negative mode, 5V LCD, 5V LED, RoHS Compliant. This 16x2 has a wide temperature range: $-20^{\circ}\text{Celsius}$ to $+70^{\circ}\text{Celsius}$ which equates to $(-4^{\circ}\text{ Fahrenheit})$ to $(+158^{\circ}\text{ Fahrenheit})$.

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

- Affordable low budget prices
- Full documentation available for speedy integration
- Built in controller for quick & easy programming means short development time
- Vibrant blue background with bright backlighting makes this display easy to read

- Very bright backlight
- Super twist offers wide viewing angle
- Quick firmware development

DOCUMENTATION

- [16x2 Character Datasheet](#)
- [SPLC780 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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