

40x4 STN Character LCD C404ALBSYLY6WT55PAB

Size: 190x54

Backlight: Yellow/Green 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

40x4 Character LCD Display | SC# C404ALBSYLY6WT55PAB

AKA: 4004 Alphanumeric LCD Display

Module size: 190.0 x 54.0 mm

Driver: SPLC780D

STN Yellow/Green background with Y/G LED backlight, bottom (or 6:00) viewing angle, Transflective polarizer, RoHS Compliant. Available in both 3V or 5V power supply options. This 40x4 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 **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 for a big display
- Full documentation available for speedy integration

- Selectable parallel interface
- Dark letters on a light background make viewing easy in the daylight and nighttime
- Very large alphanumeric display & high character count for products that supply status updates at a glance
- Largest standard character display
- Single power supply increases end product functionality

DOCUMENTATION

- [40x4 Character Display Datasheet](#)
- [SPLC780D 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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