



## 16x1 STN Character LCD C161CLBSYLY6WT55XAA

**Size:** 151x40**Backlight:** Yellow/Green 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

#### 16x1 Character LCD Display | SC# C161CLBSYLY6WT55XAA

AKA: 1601 alphanumeric module

**Module size:** 151.0 mm x 40.0 mm (5.95 inches x 1.6 inches)**Driver:** ST7066

STN Yellow/Green background, Yellow/Green LED backlight, bottom (or 6:00) viewing angle, Transflective (positive), 5V LCD, 5V LED, RoHS Compliant. This LCD 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
- Large Font is readable from a distance
- Short development time
- Fast response time on shipping product means No Delays!
- Say more using the Scrolling message features

## DOCUMENTATION

- [16x1 Character Datasheet](#)
- [ST7066 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

## SIMILAR PART NUMBERS

NHD-0116GZ-FL-YBW

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