

## 16x1 FSTN Character LCD C161CLBFKSW6WT55XAA

**Size:** 151x40**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

#### 16x1 Character LCD Display | SC# C161CLBFKSW6WT55XAA

**AKA:** 1601 Alphanumeric module**Module size:** 151.0 mm x 40.0 mm (5.95 inches x 1.6 inches)**Driver:** ST7066

FSTN White background, White Edge-lit LED backlight, bottom (or 6:00) viewing angle, Transflective polarizer, 5-Volt LCD, 5-Volt LED, RoHS Compliant. This display has a wide temperature range:  $-20^{\circ}$  Celcius to  $+70^{\circ}$  Celcius which equates to  $(-4^{\circ}$  Fahrenheit to  $+158^{\circ}$  Fahrenheit).

FSTN (**Film-compensated Super-twisted Nematic**) provides a sharper contrast than STN by adding a film. The cost is approximately 5% higher than STN. FSTN works great for indoor and outdoor applications and is mainly used in graphic displays and higher end products. 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

- Discounted Pricing
- Large Font looks great from a distance
- Super sharp contrast for easy reading
- Thin & sleek
- Short development times & 1-2 day shipping

- Provided data sheets will save you time & frustration
- For your convenience, LCD operates with or without backlight
- Only Single voltage required for multiple temperature range

## 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  
NHD-0116GZ-FL-GBW  
NHD-0116GZ-FSB-GBW  
NHD-0116GZ-FSW-GBW  
NHD-0116GZ-NSW-BBW  
NHD-0116GZ-FSPG-FBW  
NHD-0116GZ-FSB-FBW  
NHD-0116GZ-FSO-FBW  
NHD-0116GZ-FSA-FBW  
NHD-0116GZ-FSR-FBW  
NHD-0116GZ-FSW-FBW  
LCM-H01601DWMN  
70518035  
70518034  
70518038  
70518043  
70518044  
70518040  
70518037  
70518039  
70518036  
70518041  
70518042  
763-0116GZ-FL-YBW  
763-NHD-0116GZ-FLGBW  
763-NHD-0116GZFSBGBW  
763-0116GZ-FSW-GBW  
763-0116GZ-NSW-BBW  
763-NHD0116GZFSFGFBW  
763-0116GZ-FSB-FBW  
763-NHD-0116GZFSOFBW  
763-NHD-0116GZFSAFBW  
763-NHD-0116GZFSRFBW  
763-0116GZ-FSW-FBW  
NHD-0116GZ-FL-YBW-ND  
NHD-0116GZ-FL-GBW-ND  
NHD-0116GZ-FSB-GBW-ND  
NHD-0116GZ-FSW-GBW-ND  
NHD-0116GZ-NSW-BBW-ND  
NHD-0116GZ-FSPG-FBW-ND  
NHD-0116GZ-FSB-FBW-ND  
NHD-0116GZ-FSO-FBW-ND

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