

## 16x2 FSTN Character LCD C162LLBFKSW6WT55PAB

**Size:** 53x20

**Backlight:** White Edge-lit LED

**Controller:** ST7066U or equivalent/Parallel

**Voltage:** 5 Volt

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



\* Voltage Options (3V Or 5V):

3V

5V

Quantity:  1

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## PRODUCT DESCRIPTION

### 16x2 Character LCD Display | SC# C162LLBFKSW6WT55PAB

**AKA:** 1602 Alphanumeric module

**Module size:** 53.0 x 20.0 mm

**Driver:** SPLC780

Small LCD, 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 (**F**ilm-**c**ompensated **S**uper-**t**wisted **N**ematic) 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

- Low budget pricing
- Great for products that are battery driven or have a low power budget
- Full documentation available for speedy integration

- Very versatile – can operate in very cold & hot environments
- Super sharp contrast for easy reading
- Very flexible - LCD works with or without backlight
- Parallel interface allows quick development of firmware
- Built in controller for quick & easy programing

## DOCUMENTATION

- [16x2 Character Display 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

## SIMILAR PART NUMBERS

NHD-02161Z-FSY-YBW-C  
70518061  
763-NHD-02161ZFSYYBW  
NHD-02161Z-FSY-YBW-C-ND

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