

## 16x2 FSTN Character LCD C162FLBFKSW6WT55PAB

**Size:** 85x29.5**Backlight:** White Edge-lit LED**Controller:** ST7066U or equivalent/Parallel**Voltage:** 5 Volt**Operating Temp:** Wide (-20C to +70C)

SPECIFICATIONS

Quantity:  1 

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Overview

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### PRODUCT DESCRIPTION

#### 16x2 Character LCD Display | SC# C162FLBFKSW6WT55PAB

AKA: 1602 Alphanumeric Display

**Module size:** 85.0 x 29.5 mm**Driver:** SPLC780

FSTN, White background, White Edge lit, bottom (or 6:00) viewing angle, Transflective (positive), 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  $+158^{\circ}\text{Fahrenheit}$ ).

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

- Low discount pricing available for purchase today
- Full documentation available for speedy integration
- The sharpest contrast available & dark letters makes it easy to read
- Built in controller for quick & easy programing means short development time
- Works in all lighting conditions

- Perfect size for handheld product

## DOCUMENTATION

- [16x2 Character Datasheet](#)
- [SPLC780 Controller](#)
- [CAD](#)
- [RoHS](#)

## ACCESSORIES

- Mating connectors
  - Cables
  - Mounting screws
  - Demo boards
  - Development boards
- 

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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

LCM-H01602DSF/C  
LCM-H01602DWF/C-1B  
LCM-H01602DWF/C-B  
LCM-S01602DSR/C  
LCM-S01602DTR/C  
LCM-S01602DTR/C-3  
LCM-S01602DWF/C-B  
LOD-H01602DP-W  
70127595  
696-LCM-H01602DSFC  
696-H01602DWF/C-1B  
696-LCM-S01602DSRC  
696-LCM-S01602DTRC  
696-S01602DTR/C-3  
696-S01602DWF/C-B  
LCM-H01602DSF/C-ND  
67-1770-ND  
67-1780-ND

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