



8x1 FSTN Character LCD C81CLBFKSW6WT55XAA

Size: 84x44

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:

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Overview

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PRODUCT DESCRIPTION

8x1 Character LCD Display | SC# C81CLBFKSW6WT55XAA

AKA: 0801 Alphanumeric LCD Display module

Module size: 84.0 x 44.0 mm

Driver: ST7066

FSTN White background with a white edge-lit backlight, , bottom (or 6:00) viewing angle, Transflective polarizer, 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 $+158^{\circ}\text{ Fahrenheit}$.

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 cost
- Full documentation available for speedy integration
- Compact LCD display size great for smaller devices

- Characters stand out with dark letters on a lighter white background
- Wide viewing angle
- Controller offers standard I/O interface
- Selectable parallel interface

DOCUMENTATION

- [8x1 Character Display Datasheet](#)
- [ST7066 Controller](#)
- [RoHS](#)

ACCESSORIES

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

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SIMILAR PART NUMBERS

NHD-0108FZ-RN-YBW
NHD-0108FZ-FL-YBW-33V3
70518024
70518023
763-0108FZ-RN-YBW
763-0108FZFLYBW33V3
NHD-0108FZ-RN-YBW-ND
NHD-0108FZ-FL-YBW-33V3-ND

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