

8x1 STN Character LCD C81CLBSYLY6WT55XAA

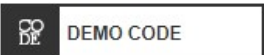
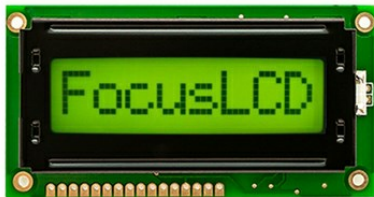
Size: 84x44

Backlight: Yellow/Green Edge-lit LED

Controller: ST7066U or equivalent/Parallel

Voltage: 5 Volt

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



Quantity:

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Overview

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PRODUCT DESCRIPTION

8x1 Character LCD Display | SC# C81CLBSYLY6WT55XAA

AKA: 0801 Alphanumeric LCDs

Module size: 84.0 x 44.0 mm

Driver: ST7066

STN Yellow Green background with Y/G LED backlight and bottom (or 6:00) viewing angle. This 8x1 has a wide temperature range: *-20°Celsius to +70°Celsius* which equates to *(-4° Fahrenheit to +158° Fahrenheit)*, Transflective polarizer, RoHS Compliant. ***Available in 3V and 5V versions***

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

- Program easily with built in controller & English font table
- Industry standard background color
- Under 2" tall
- Great for rack mount applications
- Easy to read with mild background color & dark letters

- Versatile with its ability to display in dark or sunlight

DOCUMENTATION

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

ACCESSORIES

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

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NHD-0108FZ-RN-YBW-ND
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