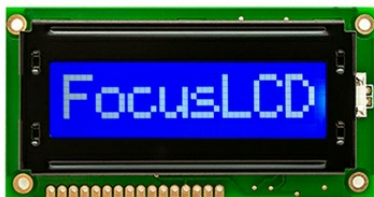




8x1 STN Character LCD C81CLBSBSW6WN55XAA

**Size:** 84x44**Backlight:** White Edge-lit LED**Controller:** ST7066U or equivalent/Parallel**Voltage:** 5 Volt**Operating Temp:** Wide (-20C to +70C)

SPECIFICATIONS

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

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PRODUCT DESCRIPTION

8x1 Character LCD Display | SC# C81CLBSBSW6WN55XAA

AKA: 0801 Alphanumeric Displays**Module size:** 84.0 x 44.0 mm**Driver:** ST7066

STN Blue background with White edge LED backlight, bottom (or 6:00) viewing angle. This 8x1 LCD has a wide temperature range: -20° Celcius to $+70^{\circ}$ Celcius which equates to $(-4^{\circ}$ Fahrenheit to $+158^{\circ}$ Fahrenheit), Transmissive (negative), 5V LCD, 5V LED, RoHS Compliant.

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 **Transmissive polarizer** is best used for displays that run with the backlight on all the time. This polarizer provides the brightest backlight possible. When you have a need for a bright backlight with lower power drain, transmissive is a good choice.

BENEFITS

- Low cost
- Full documentation available for immediate integration
- Compact LCD display size great for smaller devices
- Wide viewing angle

- Selectable parallel interface
- Very versatile with 8 scrolling letters, numbers or punctuation available
- Cobalt blue color & bright energy saving backlight
- Small size footprint

DOCUMENTATION

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

ACCESSORIES

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

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

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