

16x1 STN Character LCD C161CLBSBLW6WN55XAA

Size: 151x40**Backlight:** White Edge-lit LED**Controller:** ST7066U or equivalent/Parallel**Voltage:** 5 Volt**Operating Temp:** Wide (-20C to +70C)Quantity: 1

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Overview

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PRODUCT DESCRIPTION

16x1 Character LCD Display | SC# C161CLBSBLW6WN55XAA

AKA: **1601 alphanumeric module****Module size:** 151.0 mm x 40.0 mm (5.95 inches x 1.6 inches)**Driver:** ST7066

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

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

- Priced to sell
- Large Font can be seen clearly from a distance
- Scrolling message allows you to say more in less space
- Vibrant blue color and bright backlighting to make your message stand out
- Standard input voltage

- Super twist offers wide viewing angle
- Great for outdoor use
- Full documentation available

DOCUMENTATION

- [16x1 Character Datasheet](#)
- [ST7066 Controller](#)
- [RoHS](#)

ACCESSORIES

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

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NHD-0116GZ-NSW-BBW
NHD-0116GZ-FSPG-FBW
NHD-0116GZ-FSB-FBW
NHD-0116GZ-FSO-FBW
NHD-0116GZ-FSA-FBW
NHD-0116GZ-FSR-FBW
NHD-0116GZ-FSW-FBW
LCM-H01601DWMN
70518035
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70518043
70518044
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70518037
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70518036
70518041
70518042
763-0116GZ-FL-YBW
763-NHD-0116GZ-FLGBW
763-NHD-0116GZFSBGBW
763-0116GZ-FSW-GBW
763-0116GZ-NSW-BBW
763-NHD0116GZFSPGFBW
763-0116GZ-FSB-FBW
763-NHD-0116GZFSOFBW
763-NHD-0116GZFSAFBW
763-NHD-0116GZFSRFBW
763-0116GZ-FSW-FBW
NHD-0116GZ-FL-YBW-ND
NHD-0116GZ-FL-GBW-ND
NHD-0116GZ-FSB-GBW-ND
NHD-0116GZ-FSW-GBW-ND
NHD-0116GZ-NSW-BBW-ND
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