

20x2 FSTN Character LCD C202ALBFKSW6WT55XAA

Size: 146x43

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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PRODUCT DESCRIPTION

20x2 Character LCD Display | SC# C202ALBFKSW6WT55XAA

AKA: 2002 Alphanumeric Display

Module size: 146.0 x 43.0 mm

Driver: ST7066U

FSTN, White background, White Edge lit, bottom (or 6:00) viewing angle, Transflective (positive), RoHS Compliant. This 20x2 has a wide temperature range: $-20^{\circ}\text{Celsius}$ to $+70^{\circ}\text{Celsius}$ which equates to $(-4^{\circ}\text{Fahrenheit})$ to $+158^{\circ}\text{Fahrenheit}$. Available in both 3V or 5V power supply options.

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

- Affordable prices
- Full documentation available for speedy integration

- Say more with 40 large size characters that stand out
- Works in all lighting conditions
- With its 5 volt DC operation it is great for non-battery products or for use in devices where charge pumps are a concern
- Also available in a 3 volt version which is ideal for battery operated products.
- Easily interfaces into several industry standard microprocessors and controllers with no required modification

DOCUMENTATION

- [20x2 Character Display Datasheet](#)
- [ST7066U Controller](#)
- [CAD](#)
- [RoHS](#)

ACCESSORIES

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

CONTACT US

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

NHD-0220AZ-FL-YBW
NHD-0220WH-MYGH-JT#E
NHD-0220WH-MTFH-JT#E
NHD-0220WH-MTGH-JT#E
70518105
70518128
70518126
70518127
763-0220AZ-FL-YBW
763-0220WH-MYGH-JTE
763-0220WH-MTFH-JT#E
763-0220WH-MTGH-JT
NHD-0220AZ-FL-YBW-ND
NHD-0220WH-MYGH-JT#E-ND
NHD-0220WH-MTFH-JT#E-ND
NHD-0220WH-MTGH-JT#E-ND

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