

20x4 FSTN Character LCD C204DLBFKSW6WT55XAA

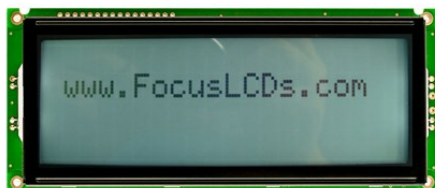
Size: 146x62.5

Backlight: White Edge-lit LED

Controller: SPLC780D or equivalent/Parallel

Voltage: 5 Volt

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



Quantity:

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PRODUCT DESCRIPTION

20x4 Character LCD Display | SC# C204DLBFKSW6WT55XAA

AKA: 2004 Alphanumeric module

Module size: 146.0 x 62.5 mm

Driver: ST7066U

FSTN White background, White Edge-lit LED backlight, bottom (or 6:00) viewing angle, Transflective polarizer, RoHS Compliant. Available in both 3V or 5V power supply options. This display has a wide temperature range: -20° Celcius to $+70^{\circ}$ Celcius which equates to $(-4^{\circ}$ Fahrenheit to $+158^{\circ}$ 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 and additional savings when you buy in bulk
- Bright white drawing grabs attention quickly
- Very large display & background color for easier reading in the light or dark
- Standard driving voltage increases functionality - No need for a unique input voltage
- Built in driver for quick programing
- Full documentation available

- Film provides ultra wide viewing angle and sharp contrast
- Requires less power than LED displays
- Very flexible - Works with or without backlight

DOCUMENTATION

- [20x4 Character Display Datasheet](#)
- [ST7066U Controller](#)
- [RoHS](#)

ACCESSORIES

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

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NHD-0420E2Z-FSW-GBW
NHD-0420E2Z-NSW-BBW
LCM-H02004DSF/D-Y
70518150
70518149
70518151
70518152
763-NHD-0420E2ZFLYBW
763-NHD-0420E2ZFLGBW
763-0420E2Z-FSW-GBW
763-NHD0420E2ZNSWBWW
696-LCM-H02004DSFD-Y
NHD-0420E2Z-FL-YBW-ND
NHD-0420E2Z-FL-GBW-ND
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