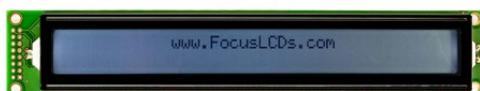




40x2 FSTN Character LCD C402ALBFKSW6WT55XAA

Size: 182x33.5**Backlight:** White Edge-lit LED**Controller:** ST7066U or equivalent/Parallel**Voltage:** 5 Volt**Operating Temp:** Wide (-20C to +70C)

SPECIFICATIONS

Quantity:



1



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PRODUCT DESCRIPTION

40x2 Character LCD Display | SC# C402ALBFKSW6WT55XAA

AKA: **4002 Alphanumeric module**

Module size: 182.0 x 33.5 mm

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 option
- Increase functionality with this selectable interface
- Display can be read clearly from any angle
- Over 7" long
- Selectable operation with or without backlight
- Easy to read with super sharp contrast & bold letters on a light a background.
- Full documentation available
- Built in controller for quick & easy programing

DOCUMENTATION

- [40x2 Character Display Datasheet](#)
- [ST7066U Controller](#)
- [RoHS](#)

ACCESSORIES

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

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NHD-0240AZ-FL-YBW
NHD-0240AZ-FL-GBW
LCM-H04002DSR
LCM-H04002DWN
LCM-H04002DWN-1G
LCM-H04002DWN-G
LCM-S04002DSF-Y1P
LCM-S04002DSF/A
LCM-S04002DSF/AB
70518136
70518135
763-NHD-0240AZ-FLYBW
763-NHD-0240AZ-FLGBW
696-LCM-H04002DSR
696-LCM-H04002DWN
696-LCM-H04002DWN-1G
696-LCM-H04002DWN-G
696-S04002DSF-Y1P
696-LCM-S04002DSF/A
NHD-0240AZ-FL-YBW-ND
NHD-0240AZ-FL-GBW-ND
LCM-H04002DWN-1G-ND

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