

# Character LCD Display 16x2 Datasheet COB Display

## LCD 16x2 1602 RoHS LCD Modules



LCD Name	Character LCD Display 16x2 Datasheet COB Display LCD 16x2 1602 RoHS LCD Modules
Display Format	16Character*2 line
Module Size	108.9mm×44.0mm×13.3mm
View Area	99.0mm×25.0mm
Active Area	94.84mm×20.00mm
Dot Size	0.92mm×0.98mm
Dot Pitch	1.10mm×1.16mm
IC	ST7066U-0E or Eqv (Default English / European Font)
Interface	16 Pin, 4 bit or 8 bit MPU interface
Driving Method	1/16 Duty, 1/5 Bias
Viewing Direction	12 O'clock
Operating Temperature	-20℃~+70℃
Storage Temperature	-30℃~+80℃
Display Color	White text on blue background with white backlight

**WC1602H3SGW7B** is a character LCD display with COB structure. It's 16x2 LCD module with STN display mode and Transmissive Pol type and Negative Display type. The display color is white text on blue background with white backlight. The View Direction is 12 O'clock. It has beed equipped ST7066U-0E driver ic. At all, Wandisplay supports to directly choice WC1602H3SGW7B or customize LCD display based on your project.

If you have any inquiries or require a custom LCD solution, [contact Wandisplay](#) directly. We supply Monochrome LCD including **Character LCD**, **Graphicd LCD**, **Segment LCD** and **Custom LCD Solutions**. We are LCD Display manufacturer with complete LCD production lines over 24 years experience. We support custom solution for the LCD part or the whole LCD.

- **Custom LCD Structure:** COB, COG, LCD glass, TAB, etc.
- **Custom LCD Color:** Background color, Text color, Backlight color.
- **Custom LCD Display Mode:** VA, TN, HTN, FSTN, STN, DFSTN, FFSTN.
- **Custom LCD Dimension:** Module Size, Viewing Area, Thickness, Active Area, Dot Size, Dot Pitch.
- **Custom Viewing Direction:** 6 O'clock, 12 O'clock, 3 O'clock, 9 O'clock.
- **Custom LCD Printing:** Icons, LOGO, Characters, Lines.
- **Custom LCD Interface:** FPC, ACF, PIN, Rubber, Zebra, etc.

Any other custom details during we discuss and confirm.

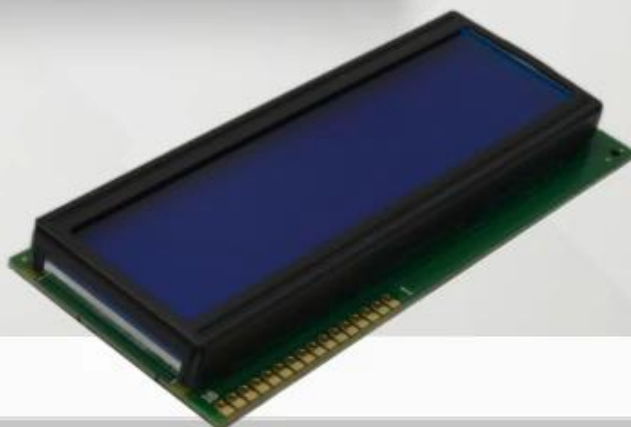


## Product Details



16x2 COB Character  
LCD Module

STN LCD Mode



12 O'clock Viewing Direction

## 🌈 Application Cases Of The LCD Display For You To Check 🌈

