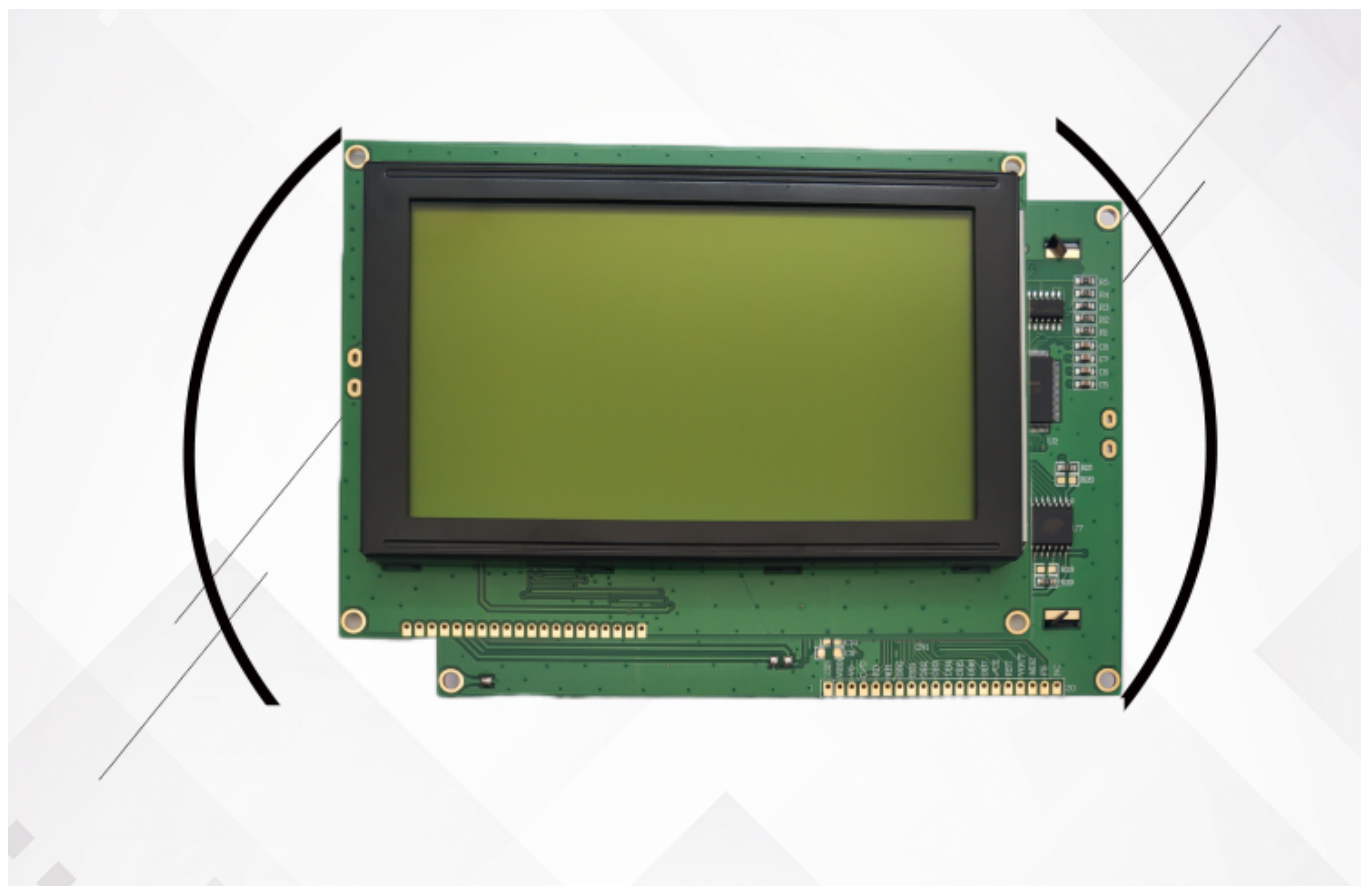


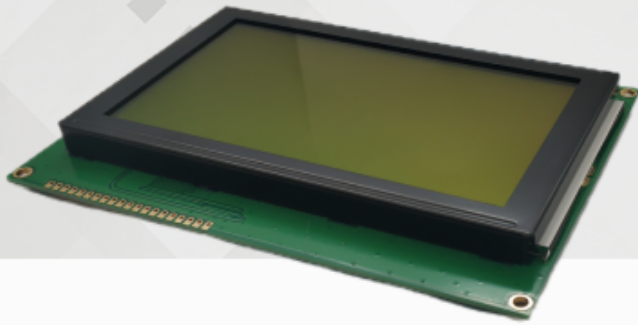
Monochrome Graphical Display 240x128 Graphic LCD Display 240x128 Dots Graphic LCD Modules



Product Specification							
LCD Name		Monochrome Graphical Display 240x128 Graphic LCD Display 240x128 Dots Graphic LCD Modules					
Display Format							240*128 Dots
Module Size							144.0mm×104.0mm×12.8mm
View Area							114.0mm×64.0mm
Active Area							107.95mm×57.55mm
Dot Size							0.4mm×0.4mm
Dot Pitch							0.45mm×0.45mm
IC							T6963C
Interface							20 Pin, 8-bit 6800/0809 MPU interface enabled
Driving Method							1/128 Duty, 1/12 Bias
Viewing Direction							6 O'clock
Operating Temperature							-20°C~+70°C
Storage Temperature							-30°C~+80°C
Different series type LCD mode for you to choose							
No.	Part Number	LCD Type	Backlight Color	Font Color	Background Color		Voltage
1	WG2412828YGB-A1	STN 1-G Positive	Yellow Green Color	Black Color	Yellow Green Color		5V
2	WG2412828KWB-A1	STN Grey Positive	White Color	Black Color	Grey Color		5V
3	WG2412828GWB-A1	STN Negative Blue	White Color	White Color	Blue Color		5V

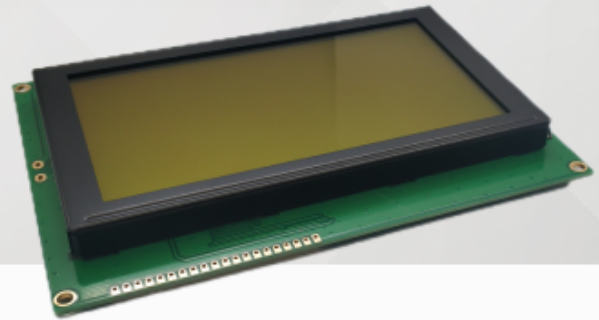


Product Details



240x128 COB Graphic
LCD Module

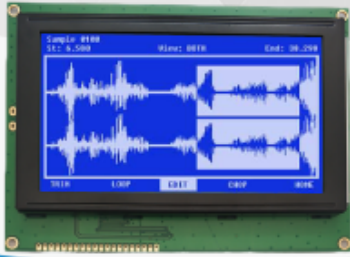
STN LCD Mode



6 O'clock Viewing Direction



Different Series For You To Choose



White text
on
Blue background

1



Black text
on
Grey background

2



Black text
on
Yellow green background

3

A WG2412B2 is a specific model of a 240x128 LCD display. It is a liquid crystal display (LCD) with a resolution of 240 pixels in width and 128 pixels in height. The WG2412B2 display consists of a grid of tiny pixels that can individually change their opacity to create images or text.

To use the WG2412B2 LCD display, it is typically connected to a microcontroller or similar device to send commands and data to the display. The display usually includes a controller chip that interprets these commands and controls the pixels accordingly. Programming languages like C or Arduino can be used to send commands and data to the WG2412B2 display, instructing it to show specific images or text.

There are several reasons to choose the WG2412B2 LCD display:

1. Compact size: The WG2412B2 display with a resolution of 240x128 allows for a relatively small display size, making it suitable for applications with limited space.
2. Adequate resolution: The 240x128 resolution of the WG2412B2 display is sufficient for displaying simple graphics, icons, and text in many applications.
3. Cost-effective: Compared to higher-resolution displays, the WG2412B2 LCD display is often more affordable, making it a cost-effective choice for projects with budget constraints.
4. Low power consumption: The WG2412B2 LCD display, like other LCD displays, generally consumes less power compared to other display technologies, making it suitable for battery-powered devices or applications where power efficiency is important.
5. Wide availability: The WG2412B2 LCD display is widely available in the market, making it easy to source for various projects.

Ultimately, the choice of the WG2412B2 LCD display depends on the specific requirements of the

project, such as size constraints, budget, and desired functionality. It can be used in various applications, including:

- Industrial equipment
- Medical devices
- Consumer electronics
- Instrumentation and measurement devices
- Automotive applications
- Home automation and control systems

The WG2412B2 LCD display can provide visual feedback, status information, user interfaces, display menus, icons, basic graphics, readings, waveforms, measurement results, and more.