



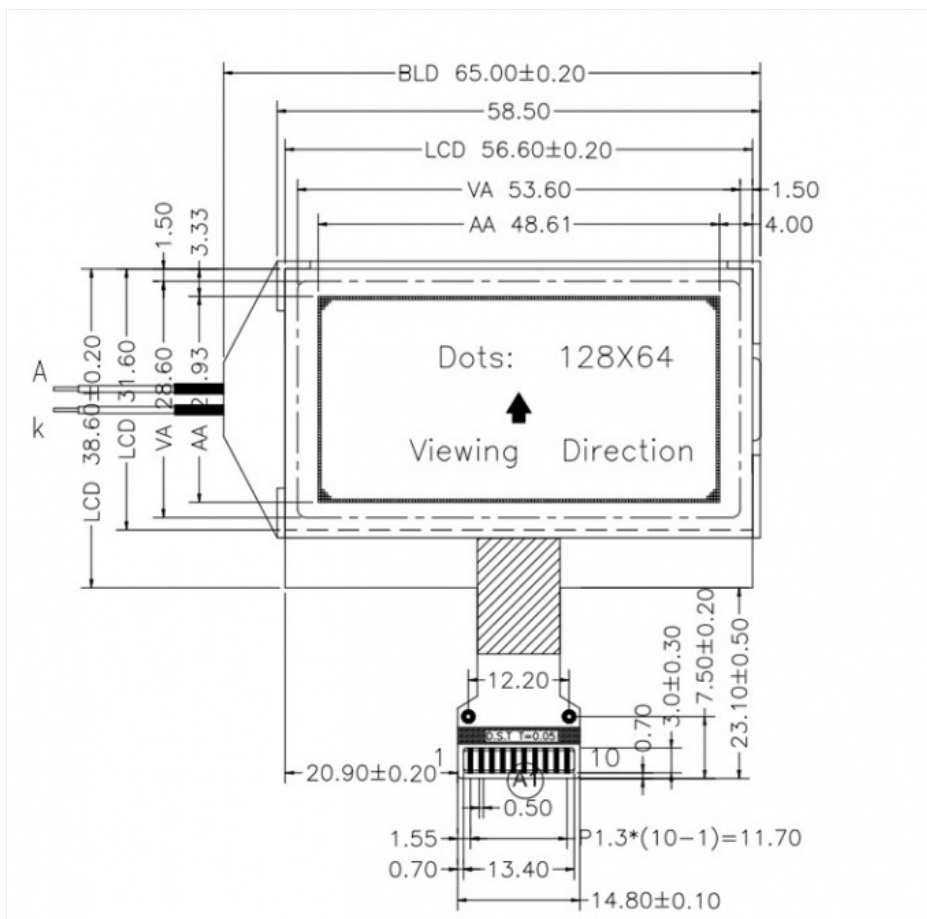
## Product Description

### Green LED Backlight 10 pins Graphic 128x64 COG LCD Display

This 10-pin graphics LCD module features a 128x64 COG (Chip-on-Glass) display with green LED backlighting, designed for compact and lightweight applications requiring clear graphic and text information display.

#### Technical Specifications

Product	128x64 COG LCD Module
Resolution	128x64 Graphics
LCD Type	STN, Positive, Transmissive
Backlight Color	Green Backlight
Operating Voltage	2.8 V
Optics	6 O'clock
Outline Dimensions	65.0(L) X 38.6(W) X 4.9(T) mm
Viewing Area	53.6(L) X 28.0(W) mm
Driving Method	1/64 Duty, 1/7 Bias
Operating Temperature	-10°C To +60°C
Pin Number	10 Pins
Controller	ST7567 Or Equivalent
Interface	MCU
Compliance	REACH & RoHS Compliant

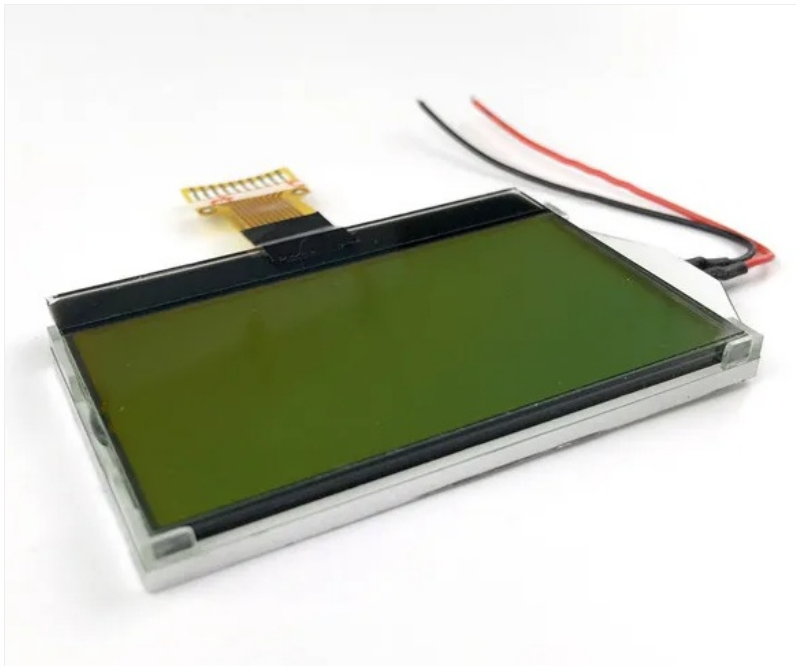
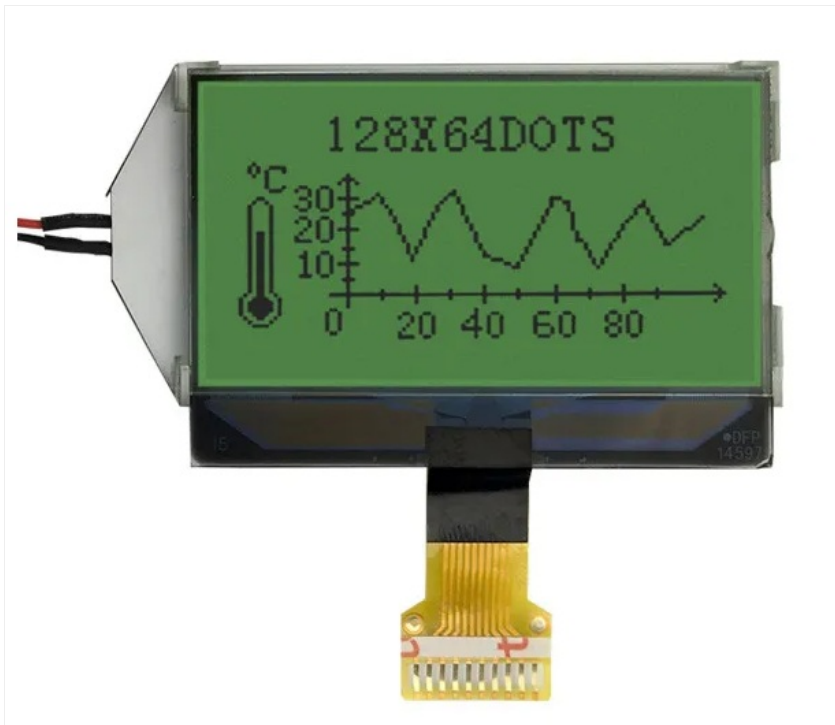


## Product Features

- Display Technology:** STN liquid crystal material with green LED backlight for clear visibility in various lighting conditions
- Optical Structure:** Semi-transmissive reflective design for all-weather visibility
- Pin Configuration:** 10-pin interface for power, ground, data transmission, and control signals
- Interface Options:** Supports parallel and serial interfaces including SPI and I2C communication protocols
- Driver Compatibility:** Compatible with ST7565P, ST7567, ST7920 and equivalent controller chips
- Power Efficiency:** Low power consumption design ideal for battery-powered devices
- Temperature Range:** Commercial-grade operating temperature from -10°C to +60°C

## Application Areas

- Industrial Control:** Equipment status monitoring, parameter settings, and fault information display
- Instrumentation:** Digital multimeters, oscilloscopes, flow meters for data and waveform display
- Medical Equipment:** Patient monitoring devices, diagnostic equipment interfaces
- Smart Home Systems:** Central control displays for home automation
- Handheld Devices:** Portable data collectors, terminals, and mobile instruments



## Frequently Asked Questions

### **I want the LCD display 8 digits and the outline size is 65x30x2.8mm. Is this possible?**

Yes, we can accommodate this requirement. Please provide your specifications or drawing. If you don't have specifications, send us samples and we'll recommend suitable standard products or customize based on your requirements.

### **This LCD is what we want, but it's too big. Do you have smaller sizes? We also need minor display content changes.**

For segment type LCD modules requiring outline size or display content modifications, we need to create new tooling for a custom LCD glass module.

### **This LCD display is HTN type, but I want STN type. Can you make this change?**

Yes, we can change the display type to STN as per your request.

### **Can you customize a new LCD module for us?**

Yes, we provide custom LCD module services. Please send your drawing or provide specifications including outline size, display information, glass thickness, polarizer type, connector mode, temperature ranges, supply voltage, viewing direction, and drive conditions.

**What is the lead time for tooling?**

Tooling typically takes 15-25 days after drawing confirmation and tooling charge payment. We'll provide exact timelines upon drawing approval.

**Can you send samples for evaluation?**

Yes, sample orders are available for quality checking and evaluation.

**What is the lead time for production?**

For standard products in stock, lead time is one day after payment. For mass production of special orders, lead time is approximately 15-30 days. We'll notify you if we can complete orders earlier.



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