

SLG240128H Series

LMG7420 / LMG7410 / SP14N002 / SP14N003 / LMG6402 / LMG6411

GRAPHIC LCD MODULE USER MANUAL

Please click the following image to buy the sample



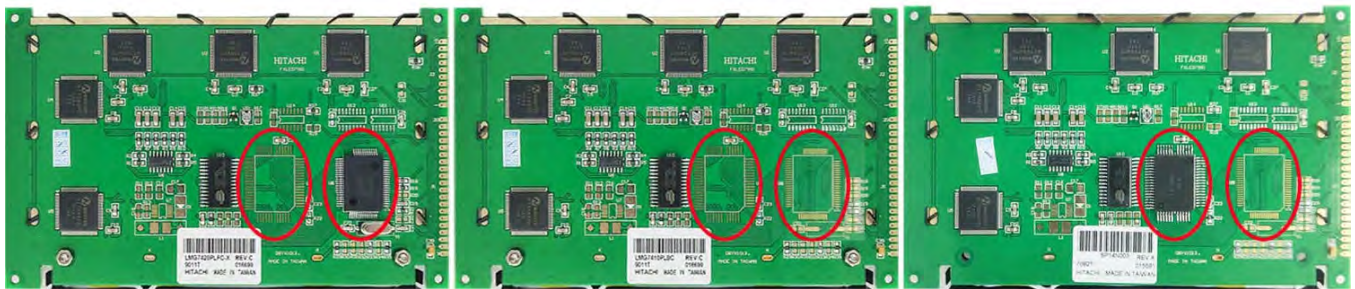
Shenzhen Surenoo Technology Co.,Ltd.
www.surenoo.com

Reference Controller Datasheet

Graphic LCD Selection Guide



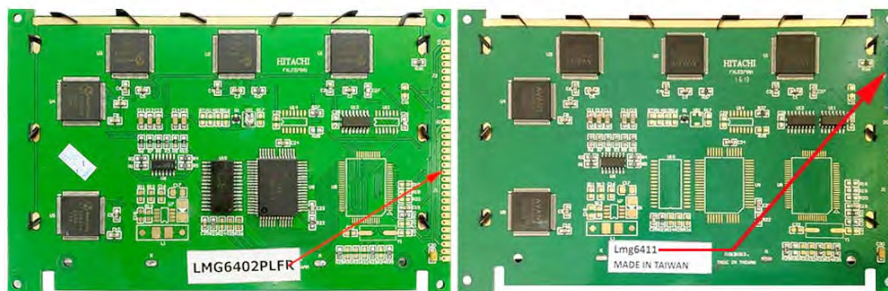
1. Overview



LMG7420

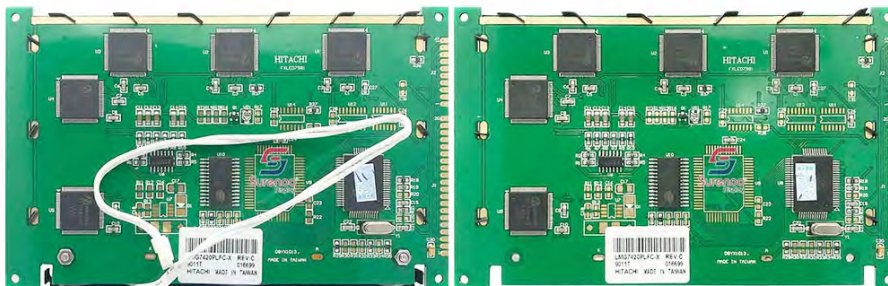
LMG7410

SP14N002/SP14N003



LMG6402

LMG6411



CCFL Backlight VS LED Backlight

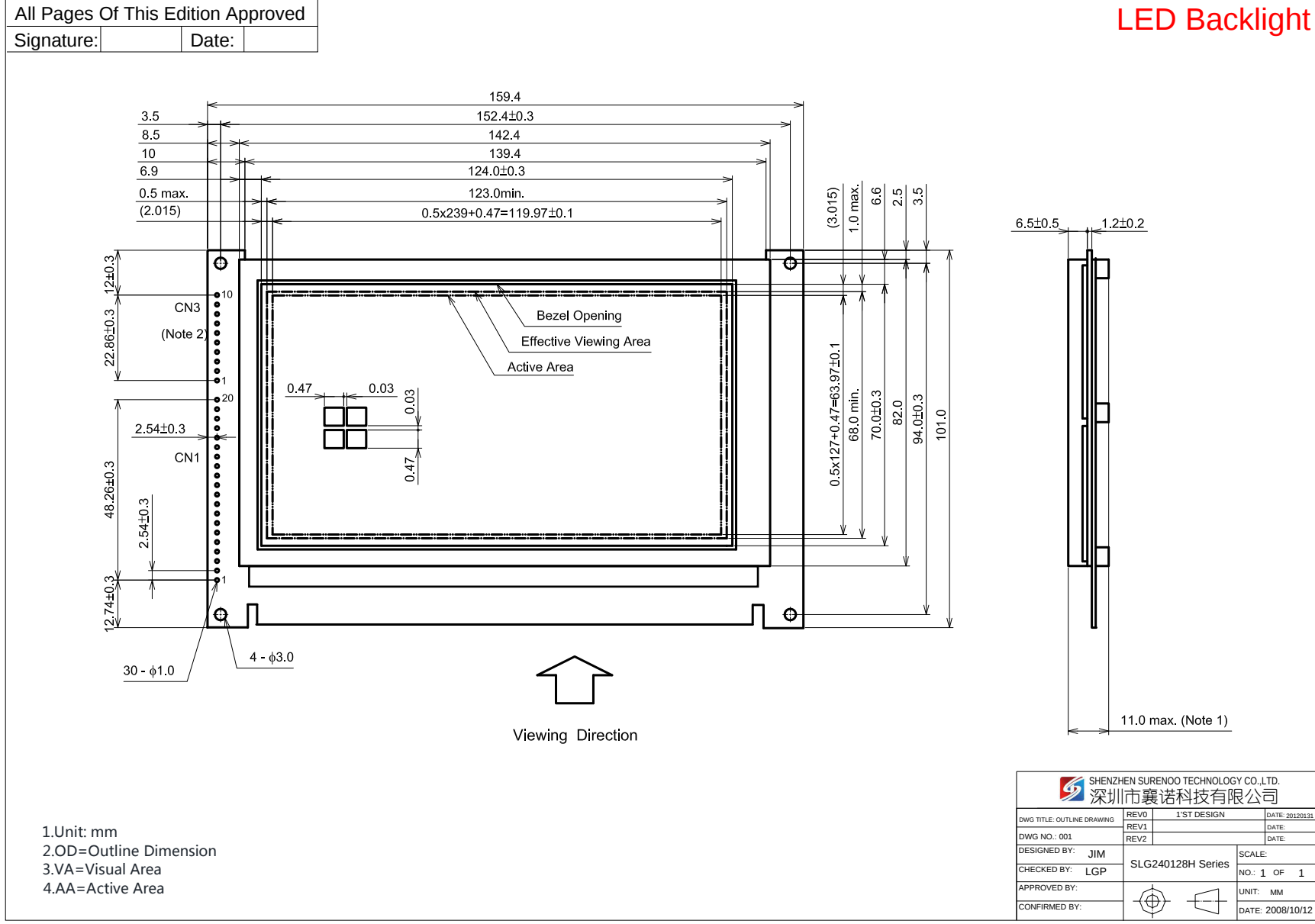


2. Specification

Gross Weight	0.240Kg
Manufacturer	Surenoo
Display Type	Graphic LCD Module
Continuity Supply	More than 10 years
Part No.	SLG240128H (LMG7420/LMG7410/SP14N002/SP14N003/LMG6402/LMG6411)
Display Format	5.8" 240*128 Dots
Interface	Different Part No, Different Interface
IC or Equivalent	-
Voltage	5.0V in default
Connection	1X10P/2.54 & 1X20P/2.54 Pin Header
Outline Dimension	159.40(W)x101.00(H)x11.00(T)mm
Visual Area	124.00x70.00mm
Active Area	119.97x63.97mm
Display Type	STN Blue Negative, FSTN Positive, D-FSTN Negative
Backlight Type	CCFL White / LED White
IC Package	COB
Viewing Direction	6:00 O'Clock
Operating Temperature	-20°C~70°C
Storage Temperature	-30°C~80°C



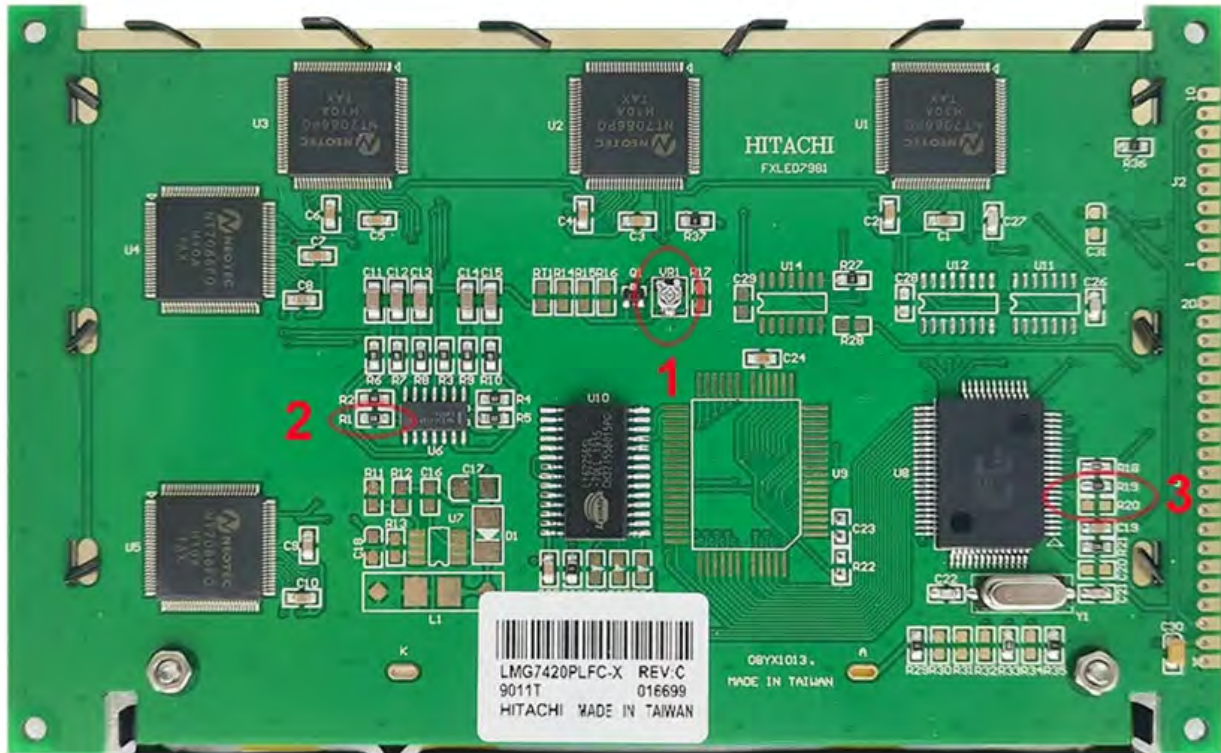
3.2 Outline Drawing (LED Backlight)





4 FAQ

1. This display is replacement and repair only, don't for new products design.
2. If you have the following Issue, please check the matched solution.



2.1 Contrast Issue: If you have the contrast Issue (The concentration is too deep or too shallow),
Please check the following solution.

Solution: Please use screw knife to adjust "VR1" (1) to make it in good contrast.

if it can't be adjusted in good contrast.

Please change R1(2) from 153 to 243 (Resistor), and then adjust VR1 again.

2.2 The following Image Issue:



Solution: This is 8-bit & 6-bit issue, please move R19 resistor to R20(3) to solve it.



3. How to select the color of your display?

Color issue Between White and Black Colors, Some Customer's Machine may build-in Negative Code, it's very easy to confuse the color of this display, about how to select the color of the display, please check the following steps carefully.

- >> Please Power Off the Display, if the Display Panel is Gray, please select the Gray Color (Power Off);
- >> Please Power Off the Display, if the Display Panel is Black, please select the Black Color (Power Off);
- >> If you don't understand it, please send us more photos of your original display to confirm it with us.

