

SEARCH

PART #

Display Overview

Product Lineup

3.5" Lineup

5.5" Lineup

6.3" Lineup

6.5" Lineup

NL10276BC13-01C

NL6448BC20-18D

NL6448BC20-20

NL6448BC20-21C

NL6448BC20-21D

7.0" Lineup

8.4" Lineup

9.0" Lineup

10.4" Lineup

12.1" Lineup

15.0" Lineup

15.3" Lineup

19.0" Lineup

20.1" Lineup

21.3" Lineup

22.5" Lineup

Industrial TFT

Transflective TFT

Markets

Support

LCD Product Brief

NL6448BC20-21D

6.5 inches (17 cm) VGA for industrial applications
LED Backlight

Characteristics

Model number	NL6448BC20-21D
Drive method	a-Si TFT active matrix
Screen size	6.5 inches (17 cm diagonal)
Number of pixels	640 x 480
Effective display area	132.48 (H) x 99.36 (V) mm
Backlight	LED
Luminance	550 cd/m2
Contrast	600:1
Display colors	16.77M colors (8bit) / 262K colors (6bit)
Viewing angle	Up: 80°, down: 60°, right: 80°, left: 80° [1]
Response time (t _{on})	25 ms [2]
Outline dimension	153 (W) x 118.0 (H) x 9.0 (D) mm
Weight	165 g
Operating temperature	-20°C to +70°C
Storage temperature	-30°C to +80°C
Power supply voltage	3.3 V
Power consumption	2.4 W [3]
Input signal	LVDS (RGB 8 bits each / 6 bits each)
Remark	

Note:

[1] Contrast of 10:1 or higher

[2] Value of Ton+Toff (0% ↔ 90%)

[3] Value does not include power consumption of recommended inverter

All values are typical values.

All specifications shown on this web site are subject to change without notice.

FEATURE

 FFF-
Compatibility