

SEARCH

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/m ²
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

FF-
Compatibility

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

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