

SEARCH

PART # DOC SITE

SITE MAP CONTACT US PRINT

Display Overview

Product Lineup

3.5" Lineup

5.5" Lineup

6.3" Lineup

6.5" Lineup

7.0" Lineup

8.4" Lineup

9.0" Lineup

10.4" Lineup

12.1" Lineup

NL10276BC24 -13

NL10276BC24 -13C

NL8060BC31 -20

NL8060BC31 -32

NL8060BC31 -36

**NL8060BC31 -41D**

NL8060BC31 -42/ -42D

15.0" Lineup

15.3" Lineup

19.0" Lineup

20.1" Lineup

21.3" Lineup

Industrial TFT

Transflective TFT

Markets

Support

## LCD Product Brief

### NL8060BC31 -41D

12.1 inches (31 cm) SVGA for industrial applications

#### Characteristics

<b>Model number</b>	NL8060BC31 -41D
<b>Drive method</b>	a-Si TFT active matrix
<b>Screen size</b>	12.1 inches (31 cm diagonal)
<b>Number of pixels</b>	800 x 600
<b>Effective display area</b>	246.0 (H) x 184.5 (V) mm
<b>Backlight</b>	One side 2 CCFL
<b>Luminance</b>	400 cd/m2
<b>Contrast</b>	600:1
<b>Display colors</b>	16.77M colors (8bit) / 262K colors (6bit)
<b>Viewing angle</b>	Up: 80°, down: 60°, right: 80°, left: 80° [1]
<b>Response time (t<sub>on</sub>)</b>	25 ms [2]
<b>Outline dimension</b>	280.0 (W) x 210.0 (H) x 11.0 (D) mm
<b>Weight</b>	670 g
<b>Operating temperature</b>	-20°C to +70°C
<b>Storage temperature</b>	-30°C to +80°C
<b>Power supply voltage</b>	3.3 V
<b>Power consumption</b>	6.8 W [3]
<b>Input signal</b>	LVDS (RGB 8 bits each / 6 bits each)
<b>Remark</b>	-

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

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