

SEARCH

PART # DOC SITE

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 - NL4823BC37 -05
 - NL8048BC19 -02**
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- Industrial TFT
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LCD Product Brief

NL8048BC19 -02

7.0 inches (18 cm) WVGA for industrial applications
LED Backlight

| Characteristics | |
|---------------------------------------|---|
| Model number | NL8048BC19 -02 |
| Drive method | a-Si TFT active matrix |
| Screen size | 7.0 inches (18 cm diagonal) |
| Number of pixels | 480 x 234 |
| Effective display area | 152.4 (H) x 91.44 (V) mm |
| Backlight | LED |
| Luminance | 400 cd/m2 |
| Contrast | 500:1 |
| Display colors | 16.77M colors (8bit) / 262K colors (6bit) |
| Viewing angle | Up: 80°, down: 80°, right: 80°, left: 80° [1] |
| Response time (t_{on}) | 25 ms [2] |
| Outline dimension | 170.0 (W) x 111.0 (H) x 8.5 (D) mm |
| Weight | 170 g |
| Operating temperature | -20°C to +70°C |
| Storage temperature | -30°C to +80°C |
| Power supply voltage | 3.3 V |
| Power consumption | 3.4 W [3] |
| Input signal | LVDS (RGB 8 bits each / 6 bits each) |
| Remark | Wide |

FEATURE

- [FFF-Compatibility](#)
- [Super Fine Technology](#)

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.