**Display Overview**

**Product Lineup**

3.5" Lineup

5.5" Lineup

  NL3224BC35 - 20/21

  NL3224BC35  - 22

6.3" Lineup

6.5" Lineup

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

**Industrial TFT**

**Transflective TFT**

**Markets**

**Support**

## LCD Product Brief

## NL3224BC35   - 22

5.5 inches (14 cm) QVGA for industrial applications
ST - NLT

**FEATURE**

FFF- Compatibility

Super Fine Technology

| Characteristics | |
|---|---|
| Model number | NL3224BC35 -22 |
| Drive method | a-Si TFT active matrix |
| Screen size | 5.5 inches (14 cm diagonal) |
| Number of pixels | 320 x 240 |
| Effective display area | 111.4 (H) x 83.5 (V) mm |
| Backlight | Top and bottom, 1 CCFL each |
| Luminance | 750 cd/m2 |
| Contrast | 500 : 1 |
| Display colors | 262k colors |
| Viewing angle | Up: 50°, down: 40°, right: 55°, left: 55° [1] |
| Response time ($t_{on}$) | 30 ms [2] |
| Outline dimension | 134 (W) x 104.5 (H) x 12.5 (D) mm |
| Weight | 215 g |
| Operating temperature | -10°C to +70°C |
| Storage temperature | -30°C to +80°C |
| Power supply voltage | 3.3 V (5 V) |
| Power consumption | 3.8 W [3] |
| Input signal | CMOS (RGB 6 bits each) |
| Remark | ST -NLT |

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.