

SEARCH

PART #

DOC

SITE

Display Overview

Product Lineup

3.5" Lineup

NL2432HC22 -40J

NL2432HC22 -41K

5.5" Lineup

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

NL2432HC22 -41K

3.5 inches (8.9 cm) QVGA for industrial applications
SR - NLT
With touch panel

Characteristics	
Model number	NL2432HC22 -41K
Drive method	a-Si TFT active matrix
Screen size	3.5 inches (8.9 cm diagonal)
Number of pixels	240 x 320
Effective display area	53.64 (H) x 71.52 (V) mm
Backlight	LED
Luminance	200 cd/m2 at IL=20mA
Contrast	150:1 (at IL=20mA, with touch panel) 15:1 (Reflective mode, with touch panel)
Display colors	262k colors
Viewing angle	Up: 30°, down: 35°, right: 30°, left: 30° [1]
Response time (t _{on})	30 ms (Transmissive mode) 16 ms (Reflective mode) [2]
Outline dimension	63.5 (W) x 85.0 (H) x 4.2 (D) mm
Weight	45 g
Operating temperature	-20°C to +70°C
Storage temperature	-20°C to +80°C
Power supply voltage	3.0 V
Power consumption	LCD Panel: 50mW Backlight: 384mW at IL=20mA
Input signal	CMOS (RGB 6 bits each)
Remark	SR-NLT, with touch panel

Note:
[1] Contrast of 5:1 or higher
[2] Value of Ton+Toff (10% ? 90%)

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

SITE MAP

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