

## NL2432HC22-41B

### 3.5 inches QVGA for mobile applications SR-NLT

Model number	NL2432HC22-41B	Screen size	3.5 inches (8.9 cm diagonal)
Drive system	a-Si TFT active matrix	Effective display area	53.64 (H) x71.52 (V) mm
Number of pixels	240 x 320	Display colors	262K colors
Pixel pitch	0.2235 (H) x 0.2235(V) mm	Pixel arrangement	RGB vertical stripe
Luminance	200 cd/m <sup>2</sup> *at IL=20mA, Transmissive mode	Reflectivity	15% (including touch panel)
Contrast ratio	150:1 *at IL=20mA, Transmissive mode	Viewing angle	Up: 30° , down: 35° , right: 30° , left: 30° (Contrast ratio at over 5:1)
Response time (*1)	30ms	Interface	CMOS (RGB 6 bits each)
Power supply voltage	VCC: 3.0V	Power consumption	LCD Panel: 50mW Backlight: 384mW *at IL=20mA
Operating temperature	-20 °C to +70°C	Storage temperature	-30°C to +80 °C
Module size(*2)	63.5 (W) x 85.0(H) x 4.4 max. (D) mm	Weight	43g
Surface condition	Clear	Touch panel	Equipment
Controller	Installed		

Remark	SR-NLT , Imbedded timing controller & DC/DC Converter
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(\*1) Value of Ton+Toff(10% < - > 90%) (\*2) Values do not include protruding parts.

All values are typical values (except for the thickness dimension).  
All specifications shown on this web site are subject to change without notice.