

NEC

NEC LCD Technologies, Ltd.

Product Number: NL2432HC22-45A
3.5-inch QVGA for mobile applications

Model number	NL2432HC22-45A	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	100 cd/m ² *at IL=20mA, Transmissive mode	Reflectivity	16%
Contrast ratio	150:1, Transmissive mode 20:1, Reflective mode	Viewing angle	Up: 35° , down: 35° , right:35° , left: 35° (Contrast ratio at over 5:1)
Response time (*1)	30ms	Input signal	CMOS (RGB 6 bits each)
Power supply voltage	VCC: 3.0V	Power consumption	LCD Panel:50mW Backlight:512mW *at IL=20mA
Operating temperature	-20 °C to +70°C	Storage temperature	-20°C to +70 °C
Module size(*2)	63.5 (W) x 85.0(H) x 3.2max. (D) mm	Weight	25g
Surface condition	Clear	Touch panel	None
Controller	Installed		
Remark	SR-NLT , Internal DC/DC Converter		

(*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.