







## ChiHsin LQ035NC211 Basic Information

Panel Brand :	
Panel Model :	LQ035NC211
Panel Type :	a-Si TFT-LCD , Panel
Application :	<ul style="list-style-type: none"><li></li><li></li><li></li></ul>
Operating Temperature :	-20 ~ 70 °C
Storage Temperature :	-30 ~ 80 °C
RoHS :	
Specific Feature :	   
Remarks :	3 in 1 FPC

## ChiHsin LQ035NC211 Mechanical Features

Panel Size :	<a href="#">3.5 inch</a>
Dot Resolution :	320(RGB)×240 (QVGA)
Pixel Configuration :	RGB Vertical Stripe
Pixel Density :	115 PPI
Aspect Ratio :	4:3 (H:V)
Form Factor :	Flat Rectangle Display
Dot Pitch :	0.073×0.219 mm (H×V)
Pixel Pitch :	0.219×0.219 mm (H×V)
Weight :	40g (Typ.)
Surface :	Antiglare (Haze 20%) 
Active Area :	70.08×52.56 mm (H×V)
Bezel Area :	72.00×54.56 mm (H×V)
Outline Dimension :	76.9×63.9 mm (H×V)
Outline Depth :	4.36±0.2 mm
Landscape or Portrait :	Landscape type
Touch Panel :	Embedded (4-wire Resistive)

## ChiHsin LQ035NC211 Optical Features

Display Mode :	TN, Normally White, Transmissive 
Brightness :	200 cd/m <sup>2</sup> (Typ.)
Contrast Ratio :	400 : 1 (Typ.) (Transmissive)
Display Color :	16.7M ( )
Color Gamut :	60% NTSC (CIE1931)
Response Time :	10/15 (Typ.)(Tr/Td)

**Viewing Angle :** 60/60/50/55 (Typ.)(CR≥10) (L/R/U/D)  
**Viewing Direction :** 6 o'clock  
**White color Chromaticity :** Wx:0.310; Wy:0.330

**ChiHsin LQ035NC211 Electronics Feature**

**Reverse Scan :** No

**ChiHsin LQ035NC211 Backlight System**

**Lamp Position :** Edge light type ?  
**Lamp Type :** WLED  
**Lamp Amount :** 6S1P ?  
**Lamp Shape :** 1 string  
**Lamp Life Time :** 50K(Typ.) (Hours)  
**Lamp Voltage :** 18.6/19.8/21V (Min./Typ./Max.)  
**Lamp Current :** 20mA (Typ.)  
**Lamps Power Consumption :** 400/420mW (Typ./Max.)  
**Interface Type :** Included in panel signal interface  
**Lamp Driver Board :** No

**ChiHsin LQ035NC211 Signal Interface**

**Signal Category :** Parallel/Serial  
**Signal Class :** Digital RGB (8/24-bit) + SPI, CCIR601/656  
**Input Voltage for Panel :** 3.3V (Typ.)(VCC)  
**Input Current for Panel :** 8.6mA (Typ.)(ICC)  
**Voltage for Display Signals :**  $0 \leq V_{IL} \leq 0.3V_{CC}$ ;  $0.7V_{CC} \leq V_{IH} \leq V_{CC}$   
**Interface Type :** FPC  
**Signal Interface :**

Brand	Model	Pin Pitch	Pins	Amount	Configuration
		0.5 mm	54 pins	1 pcs	?

**ChiHsin LQ035NC211 Specification Source**

**Language :** English  
**Version :** Rev.B  
**Issue Date :** 2008 - 7 - 23  
**Panelook Updated :** 2015-07-09 17:37

**Disclaimer :** The above parameters are inputted by electronic engineers according to the datasheet, every effort has been made to reduce errors, but we can not guarantee that the parameter is entirely correct.