

# 5.5" TFT LCD DISPLAY

Model: NL550007P0

Size: 5.5

Configuration: CPT + HX8394

Resolution: 720 \* 1280

Perspective: IPS

Operating temperature: -20 ~ 70 ° C

Storage temperature: -30 ~ 80 ° C

Backlight brightness: 400 cd / m2

PIN number: 30 PIN

Interface: MIPI

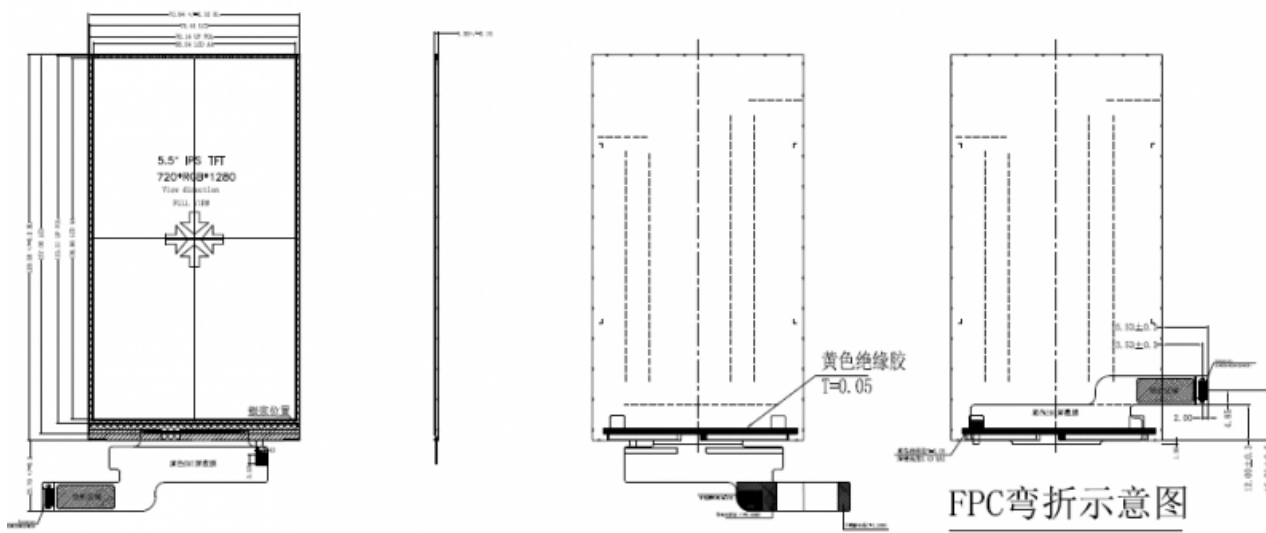


Model :	NL550007P0
Keywords Desc. :	5.5 inch 720*1280 TFT LCD display, 30 pins MIPI 400 cd/m <sup>2</sup>
Product Class :	Graphic LCD Display
Product Tags :	Color TFT-LCD Wide Temperature LCD IPS LCD
Panel Type :	a-Si TFT-LCD
Panel Composition :	LCM
Panel Size :	5.5"
Resolution :	720×1280
Aspect Ratio :	9:16 (W:H)
Form Factor :	Flat Rectangle Display
Orientation :	Portrait type
Active Area :	68.04 (W) × 120.96 (H) mm (A.A)
Outline Dimension :	70.94 (W) × 129.56 (H) mm
Max. Depth :	1.67 mm
LC Family :	IPS Family
Polarizer :	Transmissive
Brightness :	400 (Typ.)
Contrast Ratio :	500:1 (Typ.)
Viewing Angle :	80/80/80/80 (L/R/U/D)

Viewing Direction :	Symmetry
Colors Amount :	16.7M
Backlight Type :	WLED
Interface Type :	MIPI
Interface Pins :	30 Pins
Touch Panel :	Embedded (Projected Capacitive Touch)
Operating Temp. :	-20 ~ 70 °C
Storage Temp. :	-30 ~ 80 °C

## 2. Mechanical Characteristics

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1	gnd
2	MIPI_D0_D1_P
3	MIPI_D0_D1_N
4	ONE
5	MIPI_D0_D1_P
6	MIPI_D0_D1_N
7	ONE
8	MIPI_D0_D1_P
9	MIPI_D0_D1_N
10	ONE
11	MIPI_D0_D1_P
12	MIPI_D0_D1_N
13	gnd
14	MIPI_D0_D1_P
15	MIPI_D0_D1_N
16	gnd
17	LED_A
18	LED_K
19	GND
20	LED_P(0.50)
21	LED_N
22	LED_PIT
23	GND
24	GND
25	LED_P(0.50)
26	LED_P(0.50)
27	GND
28	GND
29	GND
30	GND

Note: If you need the complete datasheet, please contact us.