

# 5" TFT LCD DISPLAY

Model: NL500037P1

Size: 5.0

Configuration: CPT + ILI9881C

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

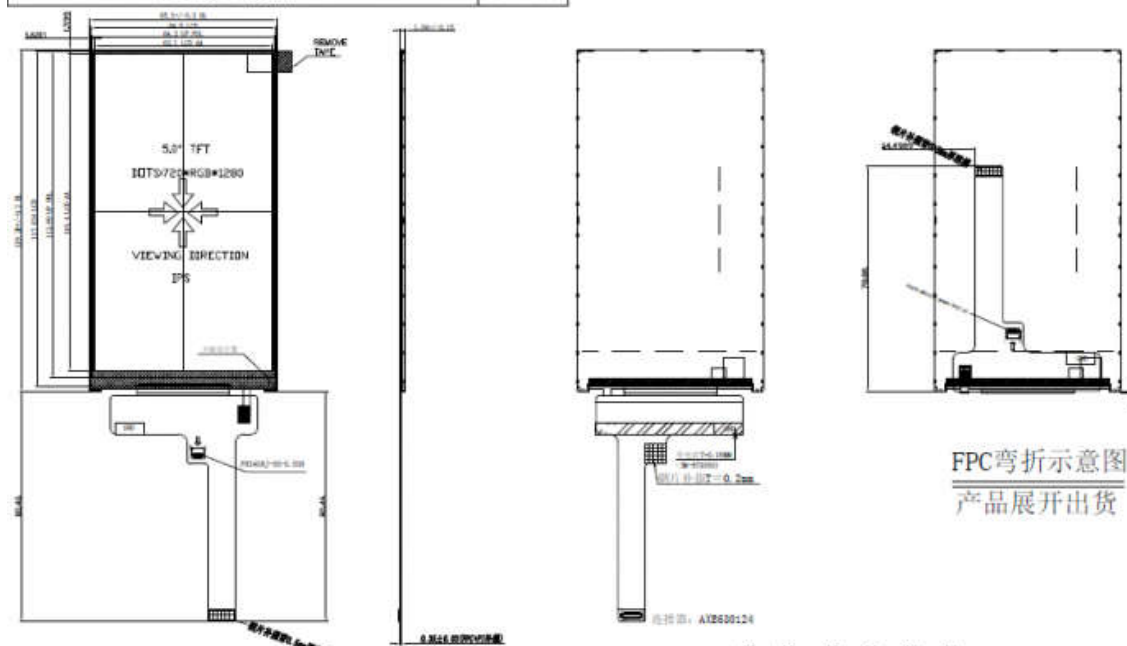


Model :	NL500037P1
Keywords Desc. :	5 inch 720*1280 TFT LCD display, 30 pins MIPI 400 cd/m2
Product Class :	Graphic LCD Display
Product Tags :	Color TFT-LCD IPS LCD
Panel Type :	a-Si TFT-LCD
Panel Composition :	LCM
Panel Size :	5"
Resolution :	720×1280
Aspect Ratio :	9:16 (W:H)
Form Factor :	Flat Rectangle Display
Orientation :	Portrait type
Active Area :	62.1 (W) × 110.4 (H) mm (A.A)
Outline Dimension :	65.3 (W) × 119.28 (H) mm
Max. Depth :	1.64 mm
LC Family :	IPS Family
Polarizer :	Transmissive
Brightness :	400 (Typ.)
Contrast Ratio :	1200:1 (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 :	Optional
Operating Temp. :	-20 ~ 70 °C
Storage Temp. :	-30 ~ 80 °C

## 2. Mechanical Characteristics

DESCRIPTION	DATE
THE FIRST ISSUE	2017.06.16
排线长度减短1.65mm	2017.10.11



30	GND
29	D3-
28	D3+
27	GND
26	D0-
25	D0+
24	GND
23	CLK-
22	CLK+
21	GND
20	D1-
19	D1+
18	GND
17	D2-
16	D2+
15	CTP_VCC
14	CTP_SDA
13	CTP_SCL
12	CTP_INT
11	CTP_RST
10	GND
9	LCM_TE
8	LCM_RST
7	GND
6	LEDK
5	LEDK
4	LEDA
3	LEDA
2	IOVCC
1	VCC

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