

液晶模组规格书

LCM Specification

☐初定规格 Preliminary specification

☒正式规格 Official specifications

项目编号 Project No.	TFT-H043A8WVIST4N30
产品描述 Product Description	TFT LCD Module 480 x 3RGB x 800 Dots 4.3 " TFT LCD
客户确认签章: Signature by customer: ☐小批量试产 Trial production ☐大批量生产 Mass production	

鑫洪泰科技（广东）有限公司

深圳市鑫洪泰电子科技有限公司

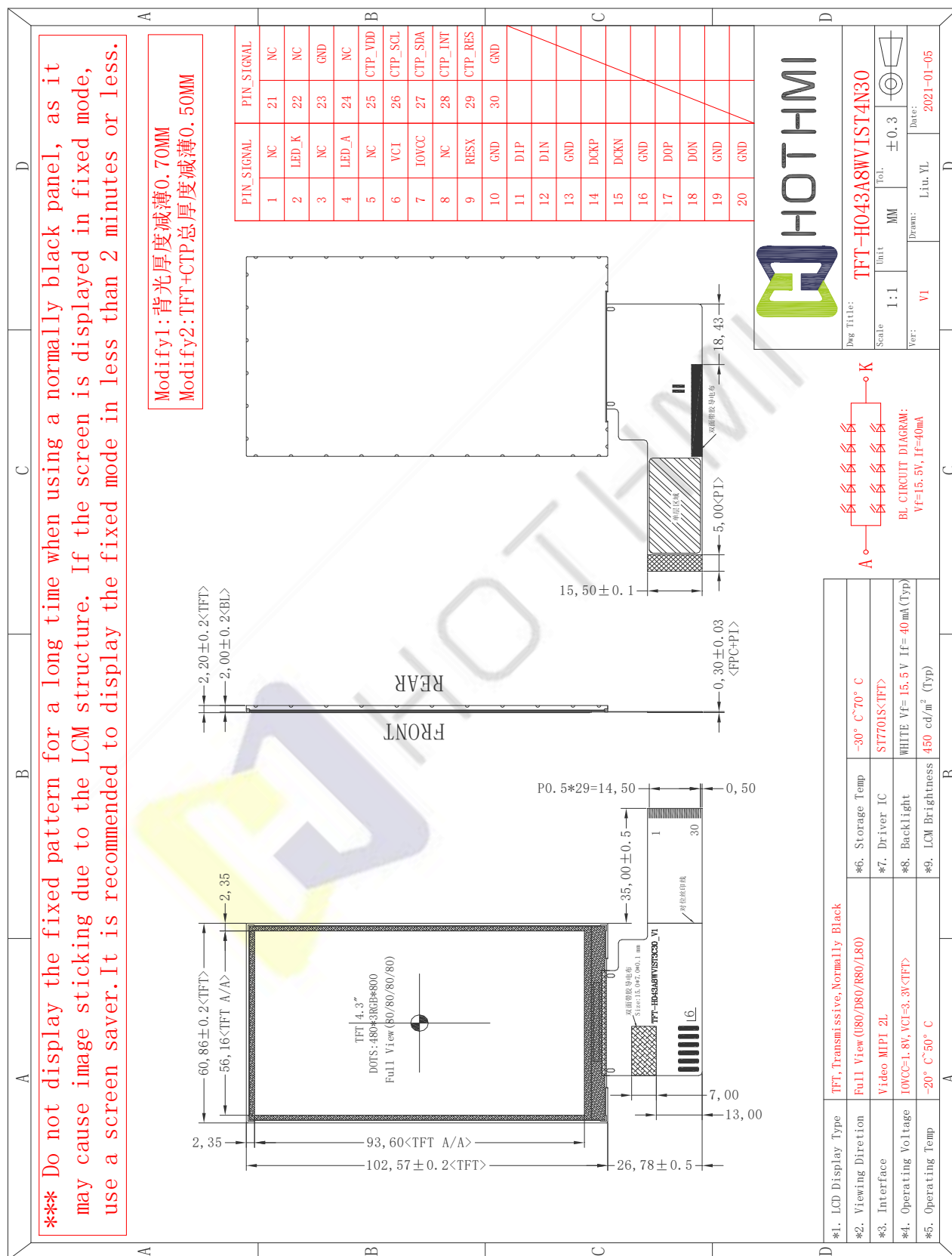
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一、基本特征 General Feature:

项目 Item	标准值 Standard Value	单位 Unit
显示尺寸 Display Size	4.3"	—
分辨率 Number of Pixels	480 (H) *3 (RGB) *800 (V)	—
显示区域 Active Area	56.16 (H) *93.60 (V)	mm
外形尺寸 Outline Dimension	60.86 (H) * 102.57 (V) * 2.20 (D) <TFT>	mm
观看方向 Viewing Direction	全 视角 FULL 0'clock	—
TFT 端口 TFT Interface	MIPI 2L	—
TFT 驱动芯片 TFT Driver IC	ST7701S	—
TFT 驱动电压 TFT Driver Condition	VCI=2.8V, IOVCC=1.8V (Typ)	V
背光 Backlight	白色 LED/6 颗/串联 White LED/6 PCS/Series	—
触摸屏 Touch Panel	☒ 不带触摸屏 ☐ 带电阻触摸屏 ☐ 带电容触摸屏 Whitout TP Whit RTP Whit CTP	—
电容触摸屏驱动芯片 CTP Driver IC	— — —	—
电容触摸屏驱动电压 CTP Driver Condition	VDD=3.3V (Typ)	V
TFT 液晶工作温度 Operation Temperature	-20 ~ 50	℃
TFT 液晶储存温度 Storage Temperature	-30 ~ 70	℃

二、外形尺寸 Outline Dimensions



三、引脚说明 Pin Description

3.1. 模组引脚说明 TFT Pin Description

引脚编号 Pin NO.	标号 Symbol	详细描述 Description
1	NC	No Connect
2	LED_K	LED Cathode
3	NC	No Connect
4	LED_A	LED Anode
5	NC	No Connect
6	VCI	Digital Power
7	IOVCC	Power Supply for I/O System
8	TE/NC	No Connect
9	RESX	TFT Reset Pin
10	GND	Ground
11	D1P	MIPI DSI positive differential data
12	D1N	MIPI DSI negative differential data
13	GND	Ground
14	DCKP	MIPI DSI positive differential clock
15	DCKN	MIPI DSI negative differential clock
16	GND	Ground
17	D0P	MIPI DSI positive differential data
18	D0N	MIPI DSI negative differential data
19	GND	Ground
20	GND	Ground
21	NC	No Connect
22	NC	No Connect
23	GND	Ground
24	NC	No Connect
25	CTP_VDD	CTP Power supply
26	CTP_SCL	CTP I2C clock signal
27	CTP_SDA	CTP I2C data signal
28	CTP_INT	CTP Interrupt signal
29	CTP_RES	CTP System reset
30	GND	Ground
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