

LCM Specification

☒ Preliminary specification

☐ Final Specification

Project No. 项目编号	TFT-H043A7WVIST5N40		
Customer 客户名称			
Module No. 客户型号			
Product type 产品内容	TFT LCD Module 480 x 3RGB x 800 Dots 4.3" TFT LCD		
Signature by customer: 客户确认签章:			
☐ Trial production ☐ Mass production			
编 制	电子审核	结构审核	批 准
Liu. YL			

深圳市鑫洪泰电子科技有限公司

Shenzhen Hot Display Technology Co., Ltd

1. General Feature:

Item	Standard Value	Unit
Display Size	4.3"	--
Number of Pixels	480(H)x3(RGB)*800(V)	--
Active Area	56.16(H) *93.60(V)	mm
LCM Outline Dimension	60.86(H) ×102.57× 2.30(V)	mm
Viewing Direction	Full O'Clock	-
LCM Interface	RGB +9b_SPI(fall)/16b_SPI(rise) Interface	-
LCM Driver IC	ST7701S	-
Display colors	16.7M	-
LCM Driver Voltage	IOVCC=1.8V,VCI=3.3V (Typ)	V
Backlight	White LED	-
Touch Panel	Without Touch Panel	-
CTP Driver IC	---	-
CTP Driver Voltage	---	V
CTP I/O Digital Voltage	---	V
Operation Temperature	-20~60	°C
Storage Temperature	-30~80	°C



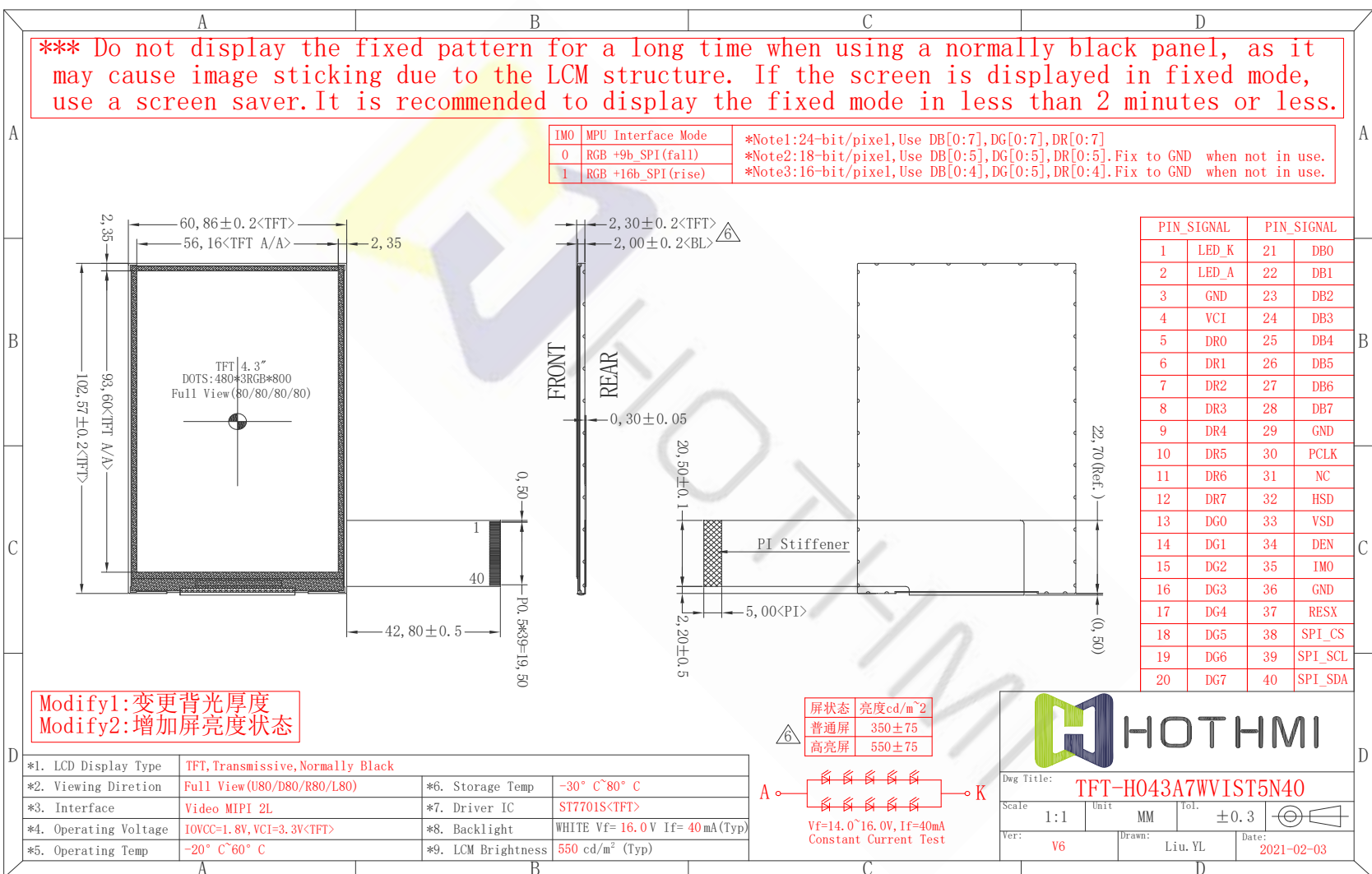
HOT-HMI

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TFT-H043A7WV1ST5N40

2021 年 02 月 03 日
Rev:4

2.Outline Dimensions



3. Pin Description

3.1 Pin Description

Pin NO.	Symbol	Description
1	LED_K	LED Cathode
2	LED_A	LED Anode
3	GND	Ground
4	VCI	Analog Power
5-12	DR0-DR7	Red data bus.If not used, please fix this pin at GND.
13-20	DG0-DG7	Green data bus.If not used, please fix this pin at GND.
21-28	DB0-DB7	Blue data bus.If not used, please fix this pin at GND.
29	GND	Ground
30	PCLK	Pixel clock input pin
31	DISP_NC	No Connector
32	HSD	Horizontal sync signal
33	VSD	Vertical sync signal
34	DEN	Data input enable. Low: access enabled;High: access inhibited
35	IM0	MPU Interface select
36	GND	Ground
37	RESX	TFT Reset Pin
38	SPI_CS	A chip select signal
39	SPI_SCL	Serial clock input
40	SPI_SDA	Serial data input/output bidirectional pin
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