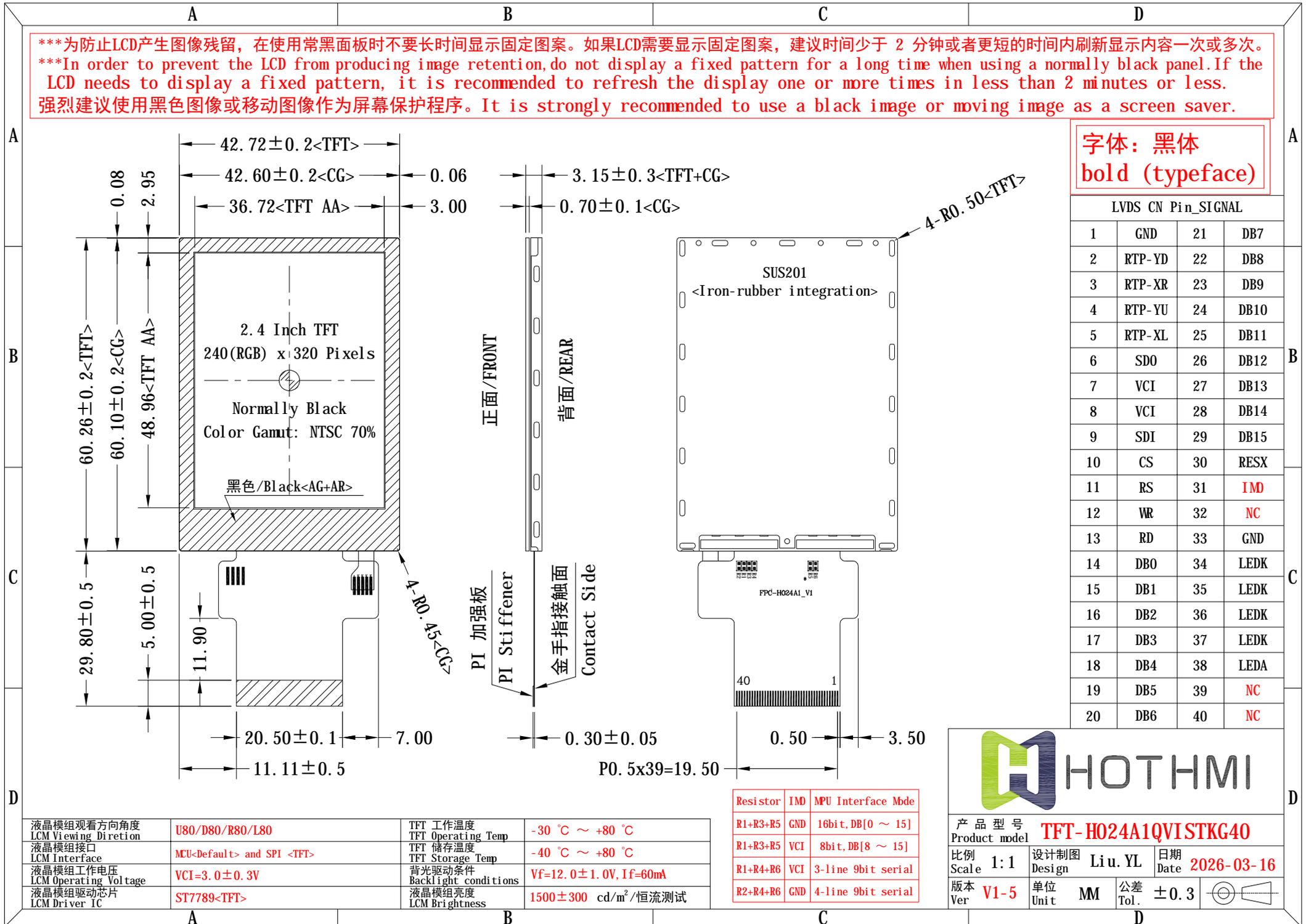


\*\*\*为防止LCD产生图像残留，在使用常黑面板时不要长时间显示固定图案。如果LCD需要显示固定图案，建议时间少于 2 分钟或者更短的时间内刷新显示内容一次或多次。  
 \*\*\*In order to prevent the LCD from producing image retention, do not display a fixed pattern for a long time when using a normally black panel. If the LCD needs to display a fixed pattern, it is recommended to refresh the display one or more times in less than 2 minutes or less.  
 强烈建议使用黑色图像或移动图像作为屏幕保护程序。It is strongly recommended to use a black image or moving image as a screen saver.

字体：黑体  
 bold (typeface)



LVDS CN Pin_SIGNAL			
1	GND	21	DB7
2	RTP-YD	22	DB8
3	RTP-XR	23	DB9
4	RTP-YU	24	DB10
5	RTP-XL	25	DB11
6	SDO	26	DB12
7	VCI	27	DB13
8	VCI	28	DB14
9	SDI	29	DB15
10	CS	30	RESX
11	RS	31	IMD
12	WR	32	NC
13	RD	33	GND
14	DB0	34	LEDK
15	DB1	35	LEDK
16	DB2	36	LEDK
17	DB3	37	LEDK
18	DB4	38	LEDA
19	DB5	39	NC
20	DB6	40	NC

液晶模组观看方向角度 LCM Viewing Direction	U80/D80/R80/L80	TFT 工作温度 TFT Operating Temp	-30 °C ~ +80 °C
液晶模组接口 LCM Interface	MCU<Default> and SPI <TFT>	TFT 储存温度 TFT Storage Temp	-40 °C ~ +80 °C
液晶模组工作电压 LCM Operating Voltage	VCI=3.0±0.3V	背光驱动条件 Backlight conditions	Vf=12.0±1.0V, If=60mA
液晶模组驱动芯片 LCM Driver IC	ST7789<TFT>	液晶模组亮度 LCM Brightness	1500±300 cd/m <sup>2</sup> /恒流测试

Resistor	IMD	MPU Interface Mde
R1+R3+R5	GND	16bit, DB[0 ~ 15]
R1+R3+R5	VCI	8bit, DB[8 ~ 15]
R1+R4+R6	VCI	3-line 9bit serial
R2+R4+R6	GND	4-line 9bit serial

**HOTHMI**

产品型号 **TFT-H024A1QVISTKG40**

Product model

比例 Scale 1:1 设计制图 Design Liu.YL 日期 Date 2026-03-16

版本 Ver V1-5 单位 Unit MM 公差 Tol. ±0.3