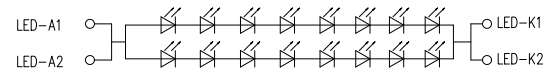


- Display Features :**
- 1.Embedded 128Mb Display RAM,Multiple Display Buffer;
 - 2.Horizontal/Vertical Flip Display;
 - 3.Provide four User-defined 32*32 Pixels Graphic Cursor;
 - 4.Picture-in-Picture (PIP) Display ;
 - 5.Bit Block Transfer Engine (BTE) ;
 - 6.Shape Drawing Engine;
 - 7.Embedded 8*16, 12*24, 16*32 Character Sets of ISO/IEC 8859-1/2/4/5;
 - 8.Support User defined Character (Burn in External Serial Flash);
 - 9.Provide DMA Function: Support Direct Data Transfer from External Serial Flash to Frame Buffer ;
 10. SPI interface,applicable to small microcontrollers with limited resource,such as 8051,AVR,PIC,Z80,ARM and etc.

PIN Definition	
No.	Name
1	LEDA
2	LEDK
3	GND
4	GND
5	VDD
6	VDD
7	GND
8	DISP
9	L_RST
10	L_SPI_CS
11	L_SPI_MISO
12	L_SPI_MOSI
13	LSPI_SCK
14	GND
15	F_CS
16	F_DO
17	F_CLK
18	F_DI
19	GND
20	YU
21	XL
22	YD
23	XR
24	GND

- NOTES:**
1. GENERAL TOLERANCE: ± 0.2
 2. () REFERENCE DIMENSION
 3. Important dimension: ①~⑧



Note: Customers are advised to use constant current source to drive backlight

LCD Type	4.3" TFT, Transmissive Normally black, FFS
Resolution	480(RGB)*272
View Direction	All o'clock
TFT controller	LT7680B-R
Color depth	262K/16.7M
Interface types	SPI
Operating voltage	3.0~3.3V
With TP/Lens	without
Backlight	16 LEDs, 40mA(typ), 24.5V(ref.)
Surface luminance	800~1000 cd/m ²
Operating temperature	-30°C~80°C
Storage temperature	-30°C~80°C
Color chromaticity	[white] x/y:

版本 (Version)	变更记录 (Revise History)	日期 (Date)
A0	Initial release	2021.02.27
A1	Modify the FPC	2021.04.13

设计 (DESIGN)	Hcr
审核 (CHECKED)	Aron
批准 (APPROVED)	Aron
客户承认 (CUSTOMER APPROVAL)	



TITLE:	LCM	页面 (Page)	1 / 1
Drawing No.	TST043WQHS-105	单位 (Unit)	mm
		比例 (SCALE)	1 : 1
		角度 (Angle)	