



01	GND
02	GND
03	ELVSS
04	ELVSS
05	GND
06	ELVDD
07	ELVDD
08	GND
09	VCI
10	GND
11	VDDIO
12	GND
13	TE1
14	SWIRE
15	TE
16	RESA
17	GND
18	SD1_RD0
19	DCX
20	SCL
21	CSX
22	D0
23	D1
24	D2
25	D3
26	D4
27	D5
28	D6
29	D7
30	GND
31	IM1
32	IM0
33	GND
34	GND
35	DOP
36	DON
37	GND
38	GND
39	CLKP
40	CLKN
41	GND
42	GND
43	MTF
44	GND
45	GND

TP定义
IIC通信电压1.8V

Pin	CTP
1	GND
2	RESET
3	INT
4	SCL
5	SDA
6	VDD_2.8V

CTP说明: Description of CTP:

1. 结构:G+FF; 1. Structure :G+FF;
2. IC:GT1151QM; 2.IC:GT1151QM;
3. 透光率: ≥85%; 3. Transmittance ≥85%;
4. 表面硬度: ≥6H; 4. Surface hardness : ≥6H;
5. 工作电压: 2.8~3.3V, 通信I/O电压: 1.8V; 5. Working voltage : 2.8~3.3V, communication I/O voltage : 1.8V;
7. 工作环境: -20°C~+70°C; 7. Working environment : -20°C~+70°C;
8. 储存环境: -30°C~+80°C; 8. Storage environment : -30°C~+80°C;
9. 未标注尺寸公差: ±0.3; 9. Dimensioning tolerance: ±0.3;
10. 带 "*" 号为重点管控尺寸; 10. With "*" as the key control size;
11. 产品符合ROHS标准. 11. Products meet ROHS standards.

AMOLED NOTES:

1. DISPLAY MODE: LTPS-AMOLED
2. OLED DRIVER: RM690B0
3. TFT IS SUPPORT DUAL-SCAN
4. OPERATING TEMPERATURE: -20°C TO +80°C
STORAGE TEMPERATURE: -40°C TO +80°C
5. BRIGHTNESS: 680 cd/m2 (typ)
SUGGESTED TO BE OVER 0.3MM
6. THE CHASSIS SUPPORT FOUR SIDES OF CTP
7. THE GAP BETWEEN BACK OF THE MODULE AND CHASSIS

Interface type selection. The connections of IM[1:0] which not shown in table are invalid.

IM[1:0]	Display Data	Command
00	MIPI / 3-wire SPI	MIPI / 3-wire SPI
01	MIPI / 4-wire SPI	MIPI / 4-wire SPI
10	MIPI / QUAD-SPI	MIPI / QUAD-SPI
11	MCU 8-bit	MCU 8-bit

Kingtech Group Co.,Ltd		REVISION RECORD	DATE
		FIRST ISSUE	
LCM NO.	PV02420J0145V-CO NO: 1/1		
CUSTOMER NO.	VERSION: A UNIT: MM		
APPROVED	CHECKED	DRAWN	

Connection mode :COF,
communication type :IIC