

一. LCM产品特征 (LCM Features)

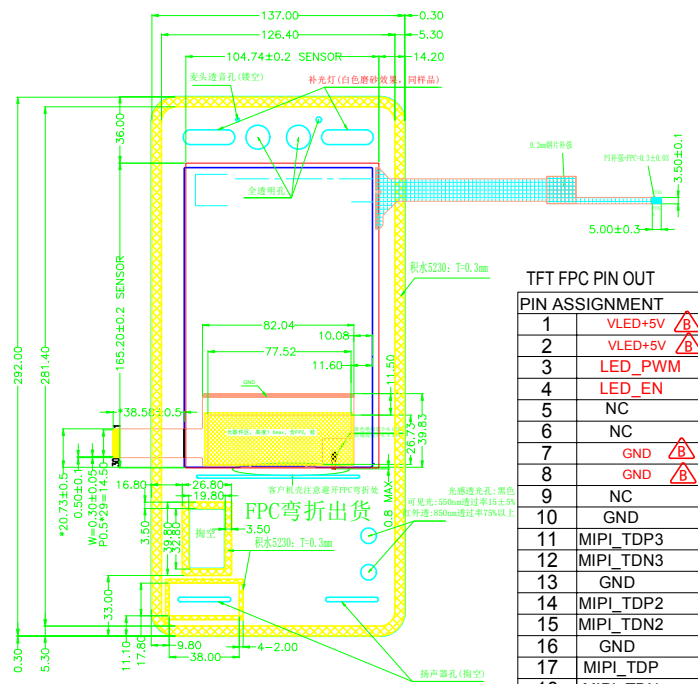
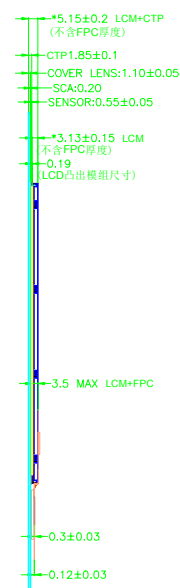
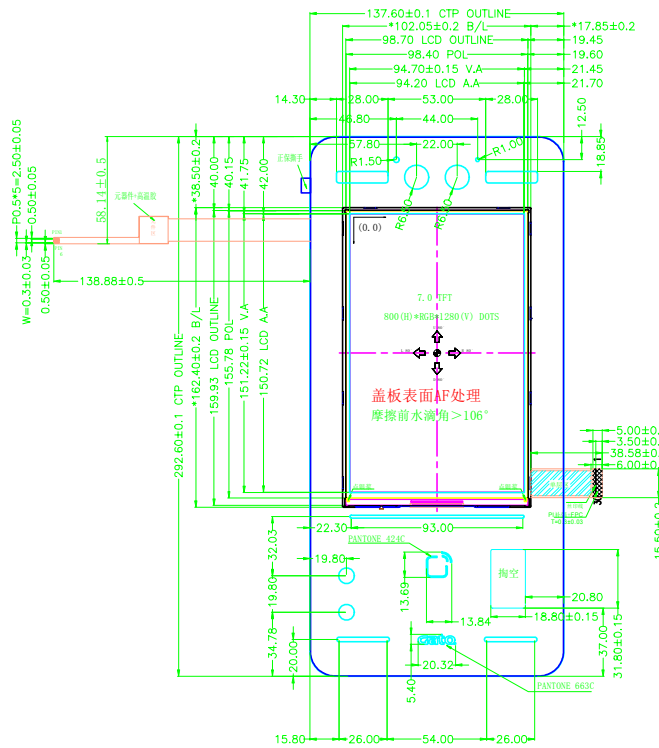
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|---------------------------------|---|
| 显示类型 (Display mode): | TFT/Normal BLACK |
| 驱动芯片 (Driver IC): | JD9366 |
| 人眼观察视角 (Viewing Direction): | ALL |
| 接口类型 (Interface Types): | MIPI VIDEO MODE |
| 背光类型 (Backlight Types): | 24pcs, 8串3并60mA (20mA/LED) 电压为22.4~27.2V |
| LCM+CTP亮度 (LCM+CTP Brightness): | 400 cd/m2 Min, 425 cd/m2 TYP |
| 模组坐标 (LCM Color Coordinate): | (X=0.29±0.03, Y=0.30±0.03) |
| 模组均匀度 (LCM Uniformity): | 75% MIN |
| 操作温度 (Operating Temperature): | -20°C ~ 70°C |
| 储存温度 (Storage Temperature): | -20°C ~ 70°C |
| 平面翘曲度 (Plane Warping Degree): | <=0.3MM |
| 连接器 (FPC CONNECTOR): | - |

二. CTP技术要求 (CTP Technical requirements)

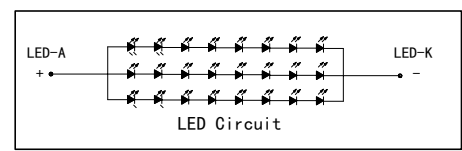
- 技术参数:
- 结构G+G: Cover Glass+SCA+ITO GLASS+FPC, 总厚度: 2.70±0.1mm;
 - 敦泰IC型号: GT911, 通道数: 14*24, 支持5点触摸, 工作电压: 3.3V, 中断方式: 下拉脉冲; FPC接口线为IIC标准接口, I0电压: V; I1C地址: 0X70;
 - 透光率: ≥85%; TP分辨率: X:800 , Y:1280 (可按客户要求);
 - 工作温湿度范围: -20°C~+70°C, ≤90%RH; 储存温湿度范围: -30°C~+80°C, ≤90%RH;
 - 表面硬度: ≥6H (铅笔硬度测试);
 - Cover Glass材质: 钢化玻璃(旭硝子); 产品符合RoHS标准;
 - 其他未标注公差: ±0.2;

| CFT FPC PIN OUT | |
|-----------------|----------|
| PIN ASSIGNMENT | |
| 1 | 3.3V |
| 2 | SCL-3.3V |
| 3 | SDA-3.3V |
| 4 | GND-3.3V |
| 5 | INT-3.3V |
| 6 | RST-3.3V |

Sensor ID
OPT1=GND
OPT2=GND



| TFT FPC PIN OUT | |
|-----------------|-----------|
| PIN ASSIGNMENT | |
| 1 | VLED+5V |
| 2 | VLED+5V |
| 3 | LED_PWM |
| 4 | LED_EN |
| 5 | NC |
| 6 | NC |
| 7 | GND |
| 8 | GND |
| 9 | NC |
| 10 | GND |
| 11 | MIPI_TDP3 |
| 12 | MIPI_TDN3 |
| 13 | GND |
| 14 | MIPI_TDP2 |
| 15 | MIPI_TDN2 |
| 16 | GND |
| 17 | MIPI_TDP |
| 18 | MIPI_TDN |
| 19 | GND |
| 20 | MIPI_TDP1 |
| 21 | MIPI_TDN1 |
| 22 | GND |
| 23 | MIPI_TDP0 |
| 24 | MIPI_TDN0 |
| 25 | GND |
| 26 | STBYB(NC) |
| 27 | RST |
| 28 | VDD-3.3V |
| 29 | VDD-3.3V |
| 30 | NC |



| | | | | | |
|--------------|-------------|--------------------------------|------------|----------------------|----------------|
| V4 | | | | | |
| V3 | | | | | |
| V2 | | | | | |
| V1 | | | | | |
| V0 | ⚠ | 在 PV07011TD30L-C 的基础上增加防指纹孔及背胶 | 2019.05.31 | 物料编码 | |
| 版本 (Version) | 符号 (SYMBOL) | 变更记录 (Change History) | 日期 (Date) | 物料编码 (Material Code) | PV07011TD30L-C |

TITLE: **贴合总成** Kingtech Group Co.,Ltd.

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|-----------|-----------------|-----|-------------|---------------|---------------|
| 视角 (View) | 比例 (Proportion) | 1:1 | 设计 (DESIGN) | 审核 (AUDITING) | 批准 (APPROVED) |
| 单位 (Unit) | 页面 (Page) | 1/1 | | | |