

# 液晶模组说明书

## LCD Module Instructions

☐初定规格 Preliminary specification

☒正式规格 Official specifications

|                                                                                                                                                                                                                           |                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 项目编号<br>Project No.                                                                                                                                                                                                       | TFT-H035A17VG INV6N40                                       |
| 产品描述<br>Product Description                                                                                                                                                                                               | TFT LCD Module<br>640 x 3RGB x 480 Dots<br>3.5 Inch TFT LCD |
| 客 户 确 认 签 章:<br>Signature by customer:                                                                                                                                                                                    |                                                             |
| <div></div>                                                                                                                                                                                                               |                                                             |
| <div><input type="checkbox"/>小批量试产 Trial Production    <input type="checkbox"/>大批量生产 Mass Production</div> <div>请返回一份带有您的签名和评论的确认副本</div> <div>Please return one copy confirmation with signature and your comments</div> |                                                             |

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## 一、基本特征 General Feature:

| 项目<br>Item                        | 标准值<br>Standard Value                                                  |                                             |                                             | 单位<br>Unit |
|-----------------------------------|------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|------------|
| 显示尺寸<br>Display Size              | 3.5                                                                    |                                             |                                             | 英寸<br>Inch |
| 分辨率<br>Number of Pixels           | 640 (RGB) (H) x 480 (V)                                                |                                             |                                             | 点<br>dots  |
| 显示区域<br>Active Area               | 70.08 (H) * 52.56 (V)                                                  |                                             |                                             | 毫米<br>mm   |
| 外形尺寸<br>Outline Dimension         | 76.90 (H) * 63.90 (V) * 3.50 (D) <TFT>                                 |                                             |                                             | 毫米<br>mm   |
| 观看方向<br>Viewing Direction         | 全 视角 (上 85/下 85/左 85/右 85)<br>FULL 0'clock (U85/D85/L85/R85)           |                                             |                                             | —          |
| 端口<br>Interface                   | RGB 24-bit + 3-SPI (Default SYNC+DE mode)                              |                                             |                                             | —          |
| 驱动芯片<br>Driver IC                 | ST7703 (或兼容)                                                           |                                             |                                             |            |
| 驱动电压<br>Driver Condition          | VCI=2.8 ~ 3.3V(Typ)                                                    |                                             |                                             | 伏特<br>V    |
| 背光<br>Backlight                   | 白色 LED/6 颗/6 颗串联 1 路并联<br>White LED/6 PCS/6 PCS serial 1 ways parallel |                                             |                                             | —          |
| 触摸屏<br>Touch Panel                | <input checked="" type="checkbox"/> 不带触摸屏<br>Whitout TP                | <input type="checkbox"/> 带电阻触摸屏<br>With RTP | <input type="checkbox"/> 带电容触摸屏<br>With CTP | —          |
| 电容触摸屏驱动芯片<br>CTP Driver IC        | —                                                                      |                                             |                                             | —          |
| 电容触摸屏驱动电压<br>CTP Driver Condition | —                                                                      |                                             |                                             | 伏特<br>V    |
| TFT 液晶工作温度<br>TFT Operation Temp  | -20 ~ +70                                                              |                                             |                                             | 摄氏度<br>℃   |
| TFT 液晶储存温度<br>TFT Storage Temp    | -30 ~ +80                                                              |                                             |                                             | 摄氏度<br>℃   |

注释 Note:

## 二、外形尺寸 Outline Dimensions

