



Hunyi  
准亿科技

Shenzhen Zhunyi Technology Co., Ltd.

深圳市准亿科技有限公司 LCM 产品规格书

## 1. General Specifications 基本规格

| 项目 Item                           | 规格标准值 Main Display               | 单位 Unit |
|-----------------------------------|----------------------------------|---------|
| 显示点阵数<br>Number of Pixels         | 720 * RGB * 1280                 | Pixel   |
| LCM 外型尺寸<br>LCM Outline Dimension | 65.26 (W) * 119.3 (H) * 1.70 (T) | mm      |
| LCD 尺寸<br>LCD Outline Dimension   | 64.5 (W) * 117.59 (H) * 0.4 (T)  | mm      |
| LCD 动态显示区<br>Active Area          | 62.1 * 110.4                     | mm      |
| 像素尺寸<br>Pixel Pitch               | 86.25 * 86.25                    | um      |
| 显示方式<br>Display Mode              | Normal Black                     |         |
| 像素成分<br>Pixel Arrangement         | a-Si TFT                         |         |
| 视角<br>Viewing Direction           | FREE                             |         |
| LCD 模式<br>LCD Mode                | a-Si TFT                         |         |
| 颜色排列<br>Color Configuration       | RGB                              |         |
| FPC 版本<br>FPC Version             | Z49369-BMH V1                    |         |
| 驱动<br>IC Driver IC                | -                                |         |
| 接口<br>Interface                   | MIPI                             |         |
| 工作温度<br>Operating Temperature     | -20℃ ~ 70℃                       |         |
| 储存温度<br>Storage Temperature       | -30℃ ~ 80℃                       |         |
| 背光排列方式<br>Backlight arrangement   | LED / 6 串 2 并                    |         |
| 亮度<br>Luminance                   | -                                |         |
| 重量<br>Weight                      |                                  |         |
|                                   |                                  |         |

## 2. LCM Pin Assignments 接口定义描述

| 引脚号 | 引脚定义  | 功能说明                                                        |
|-----|-------|-------------------------------------------------------------|
| 1   | LED-K | POWER SUPPLY- FOR BACKLIGHT CATHODE                         |
| 2   | LED-A | POWER SUPPLY+ FOR BACKLIGHT                                 |
| 3   | NC    | NC                                                          |
| 4   | NC    | NC                                                          |
| 5   | TE    | Serves TE (Tearing Effect ) pin on MPU interface.           |
| 6   | NC    | NC                                                          |
| 7   | RESET | RESET PIN                                                   |
| 8   | GND   | Ground                                                      |
| 9   | VCI   | POWER SUPPLY (2.8V)                                         |
| 10  | D0-P  | MIPI-DSI Data differential signal input pins. (Data lane 0) |
| 11  | IOVCC | POWER SUPPLY (1.8~2.8V)                                     |
| 12  | D0-N  | MIPI-DSI Data differential signal input pins. (Data lane 0) |
| 13  | GND   | Ground                                                      |
| 14  | GND   | Ground                                                      |
| 15  | D1-N  | MIPI-DSI Data differential signal input pins. (Data lane 1) |
| 16  | D2-P  | MIPI-DSI Data differential signal input pins. (Data lane 2) |
| 17  | D1-P  | MIPI-DSI Data differential signal input pins. (Data lane 1) |
| 18  | D2-N  | MIPI-DSI Data differential signal input pins. (Data lane 2) |
| 19  | GND   | Ground                                                      |
| 20  | GND   | Ground                                                      |
| 21  | D3-N  | MIPI-DSI Data differential signal input pins. (Data lane 3) |
| 22  | CLK-P | MIPI-DSI CLOCK differential signal input pin                |
| 23  | D3-P  | MIPI-DSI Data differential signal input pins. (Data lane 3) |
| 24  | CLK-N | MIPI-DSI CLOCK differential signal input pin                |
| 25  | GND   | Ground                                                      |
| 26  | GND   | Ground                                                      |
| 27  | NC    | NC                                                          |
| 28  | NC    | NC                                                          |
| 29  | NC    | NC                                                          |
| 30  | NC    | NC                                                          |

