

**Product NO. : MFR090B-BW**

### Information

| Item                      | Dimension                               |
|---------------------------|-----------------------------------------|
| Size                      | 9.0 inch                                |
| TFT Model                 | a-Si TFT, Normally White , Transmissive |
| Resolution                | 800RGB*480                              |
| Dot Pitch                 | 0.2475*0.2327 (mm)                      |
| Active Area               | 198.0W*111.696H (mm)                    |
| Outline Dimension         | 210.7W*126.4H*5.25D (mm)                |
| Good Viewing Angle        | 12 o'clock                              |
| Aspect Ratio              | Landscape                               |
| Backlight Type/Brightness | LED, Normally White , 480cd/m2          |
| Interface                 | RGB                                     |
| With /Without TP          | Without TP                              |

### Electrical characteristics

| Item               | Symbol | Min. | Typ. | Max. | Unit |
|--------------------|--------|------|------|------|------|
| Power voltage(LCM) | VCC    | 2.7  | 3.3  | 3.6  | V    |
| Power voltage(TP)  |        |      |      |      |      |
|                    |        |      |      |      |      |

### Interface

| NO    | Symbol |
|-------|--------|
| 1     | AGND   |
| 2     | AVDD   |
| 3     | VDD    |
| 4~11  | R0~R7  |
| 12~19 | G0~G7  |
| 20~27 | B0~B7  |
| 28    | DCLK   |
| 29    | DE     |
| 30    | HSD    |
| 31    | VSD    |
| 32    | MODE   |
| 33    | RESET  |
| 34    | STBYB  |
| 35    | SHLR   |
| 36    | VDD    |
| 37    | UPDN   |
| 38    | GND    |
| 39    | AGND   |
| 40    | AVDD   |
| 41    | VCOM   |

| NO    | Symbol |
|-------|--------|
| 42    | DITH   |
| 43~55 | NC     |
| 56    | VGH    |
| 57    | VDD    |
| 58    | VGL    |
| 59    | GND    |
| 60    | NC     |

### Power for LED backlight

| NO | Symbol |
|----|--------|
| 1  | VLED+  |
| 2  | VLED-  |

81545 高雄市大社區旗楠路80巷220-10號  
No. 220-10, Lane 80, Chinan Rd., Dashe Dist.,  
Kaohsiung City 81545, Taiwan (R.O.C.)  
TEL: +886-7-3527101 FAX: +886-7-3527187