

**Product NO. : MFC028IC1-IQ4**

### Information

| Item                      | Dimension                               |
|---------------------------|---|
| Size                      | 2.8 inch                                |
| TFT Model                 | a-Si TFT, Normally Black , Transmissive |
| Resolution                | 240RGB*320                              |
| Dot Pitch                 | 0.18*0.18 (mm)                          |
| Active Area               | 43.2W*57.6H (mm)                        |
| Outline Dimension         | 56.1W*75.7H*3.78D (mm)                  |
| Good Viewing Angle        | Free                                    |
| Aspect Ratio              | Portrait                                |
| Backlight Type/Brightness | LED, Normally White , 450cd/m2(typ)     |
| Interface                 | MCU                                     |
| With /Without TP          | CTP                                     |

### Electrical characteristics

| Item               | Symbol | Min. | Typ. | Max. | Unit |
|--------------------|--------|------|------|------|------|
| Power voltage(LCM) | VCC    | 2.4  | 2.75 | 3.3  | V    |
| Power voltage(TP)  | VDD    | 2.7  | 3.3  | 3.6  |      |
|                    |        |      |      |      |      |

### Interface

| NO | Symbol |
|----|--------|
| 1  | TP-SCL |
| 2  | TP-SDA |
| 3  | TP-RST |
| 4  | TP-INT |
| 5  | TP-GND |
| 6  | TP-VDD |
| 7  | GND    |
| 8  | RS     |
| 9  | CS     |
| 10 | SCL    |
| 11 | DATA   |
| 12 | RESET  |
| 13 | VDD    |
| 14 | VSS    |
| 15 | LED_A  |
| 16 | LED_K  |

