



| PIN ASSIGNMENT |           |
|----------------|-----------|
| PIN            | SYMBOL    |
| 1              | GND       |
| 2              | VDD2.8V   |
| 3              | IOVCC1.8V |
| 4              | NC        |
| 5              | GND       |
| 6              | LED-      |
| 7              | LED+      |
| 8              | GND       |
| 9              | NC        |
| 10             | NC        |
| 11             | NC        |
| 12             | NC        |
| 13             | GND       |
| 14             | RESET     |
| 15             | LPTE      |
| 16             | GND       |
| 17             | MIPI_TDP3 |
| 18             | MIPI_TDN3 |
| 19             | GND       |
| 20             | MIPI_TCP  |
| 21             | MIPI_TCN  |
| 22             | GND       |
| 23             | MIPI_TDP1 |
| 24             | MIPI_TDN1 |
| 25             | GND       |
| 26             | MIPI_TDP2 |
| 27             | MIPI_TDN2 |
| 28             | GND       |
| 29             | MIPI_TDP0 |
| 30             | MIPI_TDN0 |
| 31             | GND       |

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD=2.8V
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ILI9881C
5. OPERATING TEMP.: -20°C ~ 70°C
6. STORAGE TEMP.: -30°C ~ 80°C
7. LED BACKLIGHT: 12-CHIP WHITE LED, VF=16.8V~20.4V, IF=40mA (TYP.)
8. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
9. SURFACE LUMINANCE: 400CD/M<sup>2</sup>(TYP.)
10. RECOMMENDED MATCHING CONNECTOR: FH26-31S-03SHW
11. THE SINGLE LAYER AREA OF FPC IS BENDABLE AND THE BENDING RADIUS MUST BE NOT LESS THAN 1.5MM
12. GENERAL TOLERANCE: ±0.3MM
13. ROHS COMPLIANT

DETAIL A  
SCALE(4:1)

BACKLIGHT CIRCUIT DIAGRAM

|                                 |   |            |              |
|---------------------------------|---|------------|--------------|
| MULTI-INNO TECHNOLOGY CO., LTD. |   |            |              |
| DRAWN BY:                       | RITA                                    | 2021.01.15 | MODULE P/N:  |
| CHECKED BY:                     |   |            | MI0500ALT-1  |
| APPROVED BY:                    |   |            | DESCRIPTION: |
| VER.                            | REVISED DESCRIPTION                     | REVISER    | DATE         |
| 02                              | CORRECT PIN21 FROM MIPI_TCP TO MIPI_TCN | CAROL      | 2021.07.23   |
| 01                              | FIRST ISSUE                             | RITA       | 2021.01.15   |
| VERSION NO:                     | 02                                      | SHEET NO.: | 1/1          |
|                                 |   | SCALE :    | 1/1          |
|                                 |   | UNIT :     | mm           |
|                                 |   | TFT MODULE |              |