



| Parameter                   | Specification                | Unit              | Pin No. | Symbol | I/O | Description                             |
|-----------------------------|------------------------------|-------------------|---------|--------|-----|---|
| LCD size                    | 4.3(Diagonal)                | inch              | 1-2     | LEDK   | P   | Power supply for LED cathode input.     |
| Resolution Ratio            | 800(H)×480(V)                | pixels            | 3-4     | LEDA   | P   | Power supply for LED anode input.       |
| Pixel Pitch                 | 0.1188(H)×0.1122(V)          | mm                | 5       | NC     | -   | No connection.                          |
| Active Area                 | 95.04(H)×53.856(V)           | mm                | 6       | GND    | P   | Ground.                                 |
| Module Size                 | 102.84(W)×64.5(H)×2.9(D)     | mm                | 7       | NC     | -   | No connection.                          |
| Display Mode                | Normally Black, Transmissive |                   | 8       | VDDI   | P   | IO Supply voltage.                      |
| Interface                   | LVDS                         |                   | 9       | VDD    | P   | Supply analog voltage.                  |
| Pixel Arrangement           | RGB-Vertical Stripe          |                   | 10      | GND    | P   | Ground.                                 |
| View Direction              | ALL                          | O'clock           | 11-12   | NC     | -   | No connection.                          |
| Power Supply                | 3.3                          | V                 | 13      | SCL    | I   | Pixel clock input signal.               |
| Power Consumption           | TBD                          | W                 | 14      | SDA    | I   | Serial data input/Output signal.        |
| Weight                      | TBD                          | g                 | 15      | CS     | I   | Chip selection signal.                  |
| Luminance                   | 850 (TYP.)                   | cd/m <sup>2</sup> | 16      | GND    | P   | Ground.                                 |
| Driver IC                   | ST7265                       |                   | 17      | NC     | -   | No connection.                          |
|                             |                              |                   | 18      | RXCLKN | I   | LVDS Negative clock signal.             |
|                             |                              |                   | 19      | RXCLKP | I   | LVDS Positive clock signal.             |
|                             |                              |                   | 20      | GND    | P   | Ground.                                 |
|                             |                              |                   | 21      | RXIN0N | I   | LVDS Negative differential data signal. |
|                             |                              |                   | 22      | RXIN0P | I   | LVDS Positive differential data signal. |
|                             |                              |                   | 23      | GND    | P   | Ground.                                 |
|                             |                              |                   | 24      | RXIN1N | I   | LVDS Negative differential data signal. |
|                             |                              |                   | 25      | RXIN1P | I   | LVDS Positive differential data signal. |
| Power Supply Voltage        | VCC                          | 3.1               | 26      | GND    | P   | Ground.                                 |
| IO Supply Voltage           | VDDI                         | 3.1               | 27      | RXIN2N | I   | LVDS Negative differential data signal. |
| Logic-High Input Voltage    | Vih                          | 0.7VDDI           | 28      | RXIN2P | I   | LVDS Positive differential data signal. |
| Logic-Low Input Voltage     | Vil                          | GND               | 29      | GND    | P   | Ground.                                 |
| Logic-High Output Voltage   | Voh                          | VDDI-0.4          | 30      | RXIN3N | I   | LVDS Negative differential data signal. |
| Logic-Low Output Voltage    | Vol                          | GND               | 31      | RXIN3P | I   | LVDS Positive differential data signal. |
|                             |                              |                   | 32      | GND    | P   | Ground.                                 |
|                             |                              |                   | 33      | RESET  | I   | Reset signal input.                     |
|                             |                              |                   | 34      | NC     | -   | No connection.                          |
|                             |                              |                   | 35      | GND    | P   | Ground.                                 |
| Forward Current Voltage     | VF                           | 14.0              | 36      | NC     | -   | No connection.                          |
| Forward Current             | If                           | -                 | 37      | XR/NC  | -   | No connection.                          |
| Backlight Power Consumption | Wbl                          | -                 | 38      | YD/NC  | -   | No connection.                          |
| LED Lifetime                | -                            | 30K               | 39      | XL/NC  | -   | No connection.                          |
|                             |                              |                   | 40      | YU/NC  | -   | No connection.                          |