

2.4" TFT LCD MODULE

Model: NL240028C0

Size: 2.4 inches

Configuration: CTC + ST7789

Resolution: 240 * 320

Angle of view: 70 °

Operating temperature: -20 ~ 70 ° C

Storage temperature: -30 ~ 80 ° C

Backlight brightness: 400 CD / M2

PIN number: 20 PIN

Interface: MCU 8-bit

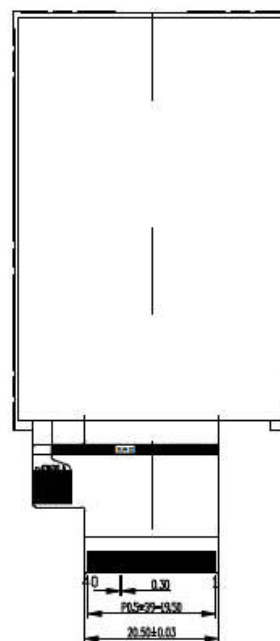
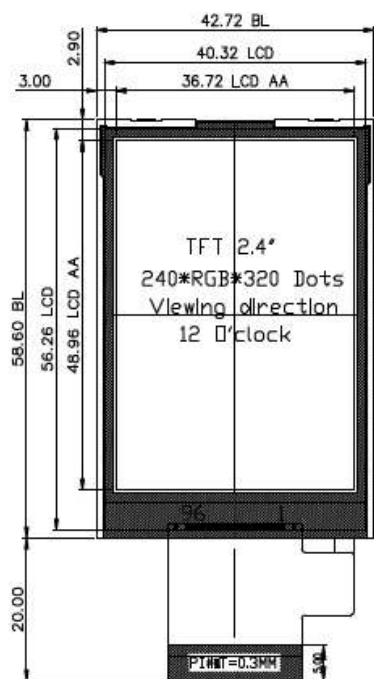


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|---------------------|---|
| Model : | NL240028C0 |
| Keywords Desc. : | 2.4 inch 240*320 EWV TFT LCD display, 40 pins mcu 16 bit 300cd/m2 |
| Product Class : | Graphic LCD Display |
| Product Tags : | Color TFT-LCD |
| Panel Type : | a-Si TFT-LCD |
| Panel Composition : | LCM |
| Panel Size : | 2.4" |
| Resolution : | 240×320 |
| Aspect Ratio : | 3:4 (W:H) |
| Form Factor : | Flat Rectangle Display |
| Orientation : | Portrait type |
| Active Area : | 36.72 (W) × 48.96 (H) mm (A.A) |
| Outline Dimension : | 42.72 (W) × 58.6 (H) mm |
| Max. Depth : | 2.5 mm |
| LC Family : | TN |
| Polarizer : | Transmissive |
| Brightness : | 300 (Typ.) |
| Contrast Ratio : | 300:1 (Typ.) |
| Viewing Angle : | 70/70/70/50 (L/R/U/D) |

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|---------------------|-------------|
| Viewing Direction : | 12 o'clock |
| Colors Amount : | 65K |
| Backlight Type : | WLED |
| Interface Type : | CPU |
| Interface Pins : | 40 Pins |
| Touch Panel : | Without |
| Operating Temp. : | -20 ~ 70 °C |
| Storage Temp. : | -30 ~ 80 °C |

2. Mechanical Characteristics

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| #0 | THE FIRST ISSUE | 2017.06.28 |
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|----|--------|
| 1 | GN0 |
| 2 | NC |
| 3 | NC |
| 4 | NC |
| 5 | NC |
| 6 | NC |
| 7 | NC |
| 8 | NC |
| 9 | NC |
| 10 | NC |
| 11 | NC |
| 12 | NC |
| 13 | NC |
| 14 | NC |
| 15 | TD |
| 16 | BD |
| 17 | WB |
| 18 | BS |
| 19 | CS |
| 20 | IB0 |
| 21 | DB1 |
| 22 | DB2 |
| 23 | DB3 |
| 24 | DB4 |
| 25 | DB5 |
| 26 | DB6 |
| 27 | DB7 |
| 28 | DB8 |
| 29 | DB9 |
| 30 | DB10 |
| 31 | DB11 |
| 32 | DB12 |
| 33 | DB13 |
| 34 | DB14 |
| 35 | DB15 |
| 36 | VCC |
| 37 | RESSET |
| 38 | A |
| 39 | B |
| 40 | GN0 |

NOTES:

Note: If you need the complete datasheet, please contact us.