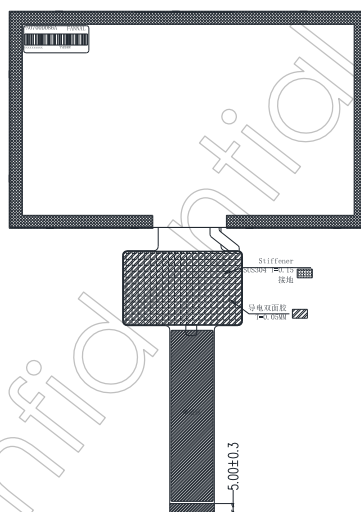
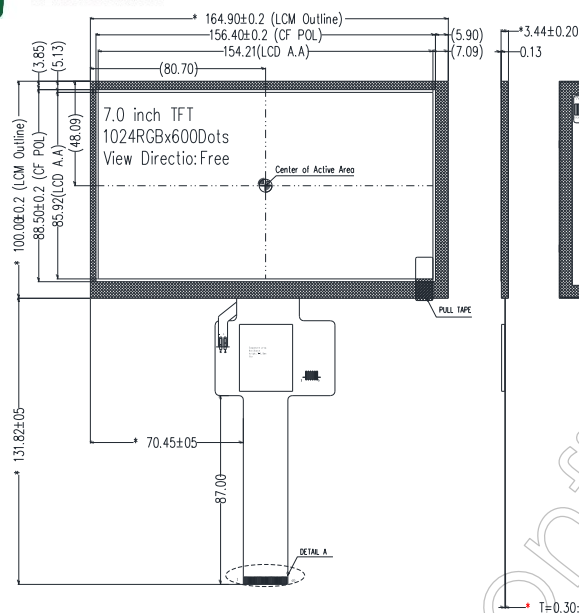


| Parameter             | Specification                | Unit              | Pin No. | Symbol    | I/O | Description                                                        |
|-----------------------|------------------------------|-------------------|---------|-----------|-----|--------------------------------------------------------------------|
| LCD size              | 7.0 (Diagonal)               | inch              | 1-2     | LED A     | P   | LED Anode                                                          |
| Resolution Ratio      | 1024(H)×600(V)               | pixels            | 3-4     | LED K     | P   | LED Cathode                                                        |
| Pixel Pitch           | 0.1506(H)×0.1432(V)          | mm                | 5       | GND       | P   | Ground                                                             |
| Active Area           | 154.2144(H)×85.92(V)         | mm                | 6       | NC        | -   | No connect                                                         |
| Module Size           | 164.9(W)×100.0(H)×3.5(D)     | mm                | 7-8     | VDD       | P   | Power Supply for digital circuits                                  |
| Display Mode          | Normally Black, Transmissive |                   | 9       | GND       | P   | Ground                                                             |
| Interface             | MIPI                         |                   | 10      | UPDN      | I   | Gate up or down scan control.                                      |
| Pixel arrangement     | RGB-Vertical Stripe          |                   | 11      | SHLR      | I   | Source right or left sequence control.                             |
| View Direction        | ALL                          | O'clock           | 12      | GND       | P   | Ground                                                             |
| Power Supply          | 1.8                          | V                 | 13      | RESET     | I   | Global reset pin.                                                  |
| Power Consumption     | 2.02(Typ.)                   | W                 | 14      | STBYB     | I   | Standby mode.                                                      |
| Weight                | 110(Typ.)                    | g                 | 15      | GND       | P   | Ground                                                             |
| Luminance             | 680(Typ.)                    | cd/m <sup>2</sup> | 16      | MIPI_TDP0 | I   | MIPI data input                                                    |
| Driver IC             | EK79007+EK73217              |                   | 17      | MIPI_TDN0 | I   | MIPI data input                                                    |
| Operating Temperature | -20~+70                      | °C                | 18      | GND       | P   | Ground                                                             |
| Storage Temperature   | -30~+80                      | °C                | 19      | MIPI_TDP1 | I   | MIPI data input                                                    |
|                       |                              |                   | 20      | MIPI_TDN1 | I   | MIPI data input                                                    |
|                       |                              |                   | 21      | GND       | P   | Ground                                                             |
|                       |                              |                   | 22      | MIPI_TCP  | I   | MIPI clock input                                                   |
|                       |                              |                   | 23      | MIPI_TCN  | I   | MIPI clock input                                                   |
|                       |                              |                   | 24      | GND       | P   | Ground                                                             |
|                       |                              |                   | 25      | MIPI_TDP2 | I   | MIPI data input                                                    |
|                       |                              |                   | 26      | MIPI_TDN2 | I   | MIPI data input                                                    |
|                       |                              |                   | 27      | GND       | P   | Ground                                                             |
|                       |                              |                   | 28      | MIPI_TDP3 | I   | MIPI data input                                                    |
|                       |                              |                   | 29      | MIPI_TDN3 | I   | MIPI data input                                                    |
|                       |                              |                   | 30      | GND       | P   | Ground                                                             |
|                       |                              |                   | 31-33   | NC        | -   | No connect                                                         |
|                       |                              |                   | 34      | GND       | P   | Ground                                                             |
|                       |                              |                   | 35      | VDD_CTP   | P   | 2.8-3.6V power supply, connect 1uF X5R ceramic capacitor to Ground |
|                       |                              |                   | 36      | INT_CTP   | I   | Interrupt signal/ Supports output open drain type                  |
|                       |                              |                   | 37      | SCL_CTP   | I   | I2C Serial Clock Input / output                                    |
|                       |                              |                   | 38      | SDA_CTP   | I   | I2C Serial Data Input / output                                     |
|                       |                              |                   | 39      | RESET_CTP | I   | Power Voltage for digital circuit                                  |
|                       |                              |                   | 40      | GND_CTP   | P   | E-pad should be connected to system GND net.                       |

| Parameter              | Symbol | Min.    | Typ. | Max.    | Unit |
|------------------------|--------|---------|------|---------|------|
| Digital Supply Voltage | VDD    | 1.71    | 1.8  | 1.89    | V    |
| Digital Supply Current | IDD    | -       | 20   | -       | mA   |
| Level input voltage    | VIH    | 0.7VDD  |      | VDD     | V    |
|                        | VIL    | GND     |      | 0.3VDD  | V    |
| Level output voltage   | VOH    | VDD-0.4 | -    | -       | V    |
|                        | VOL    | -       | -    | VDD+0.4 | V    |

| Parameter         | Symbol | Min.  | Typ.  | Max. | Unit |
|-------------------|--------|-------|-------|------|------|
| Forward Voltage   | VF     | 10.8  | 12.4  | 14.0 | V    |
| Forward Current   | If     | -     | 160   | -    | mA   |
| Power Consumption | Wbl    | -     | 1.984 | -    | W    |
| LED Lifetime      | -      | 30000 | -     | -    | Hrs  |