



## TFT MODULE SPECIFICATION

### **RVT121HVUNWCA0-B**

HB, IPS, USB C 12.1" LCD TFT display datasheet  
Rev. 1.1  
2025-11-25

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| ITEM                           | CONTENTS                              | UNIT              |
|--------------------------------|---------------------------------------|-------------------|
| LCD Type                       | TFT/Transmissive/Normally Black/IPS   | /                 |
| Size                           | 12.1                                  | Inch              |
| Viewing Direction              | Free                                  | /                 |
| Outside Dimensions (W x H x D) | 276.56 x 179.46 x 14.72               | mm                |
| Active Area (W x H)            | 261.12 x 163.20                       | mm                |
| Pixel Pitch (W x H)            | 0.1695 x 0.1695                       | mm                |
| Resolution                     | 1280 (RGB) x 800                      | /                 |
| Brightness                     | 850                                   | cd/m <sup>2</sup> |
| Color Depth                    | 16.7 M                                | /                 |
| Pixel Arrangement              | RGB Vertical Stripe                   | /                 |
| Controller of the main board   | LT7911D                               | /                 |
| Interface                      | USB-C                                 | /                 |
| With/Without Touch             | With Projected Capacitive Touch Panel | /                 |
| CTP Driver                     | ILI2511                               | /                 |
| Touch Panel Interface          | USB-C                                 | /                 |
| Power Supply                   | USB-C (5.0V)                          | V                 |
| Weight                         | 837                                   | g                 |

**Note 1.** RoHS3 compliant

**Note 2.** LCM weight tolerance: ± 5%.

## 1. REVISION RECORD

| REV NO. | REV DATE   | CONTENTS              | REMARKS |
|---------|------------|-----------------------|---------|
| 1.0     | 2025-05-23 | Initial release       |         |
| 1.1     | 2025-11-25 | PCBA position changed |         |

## 2. CONTENTS

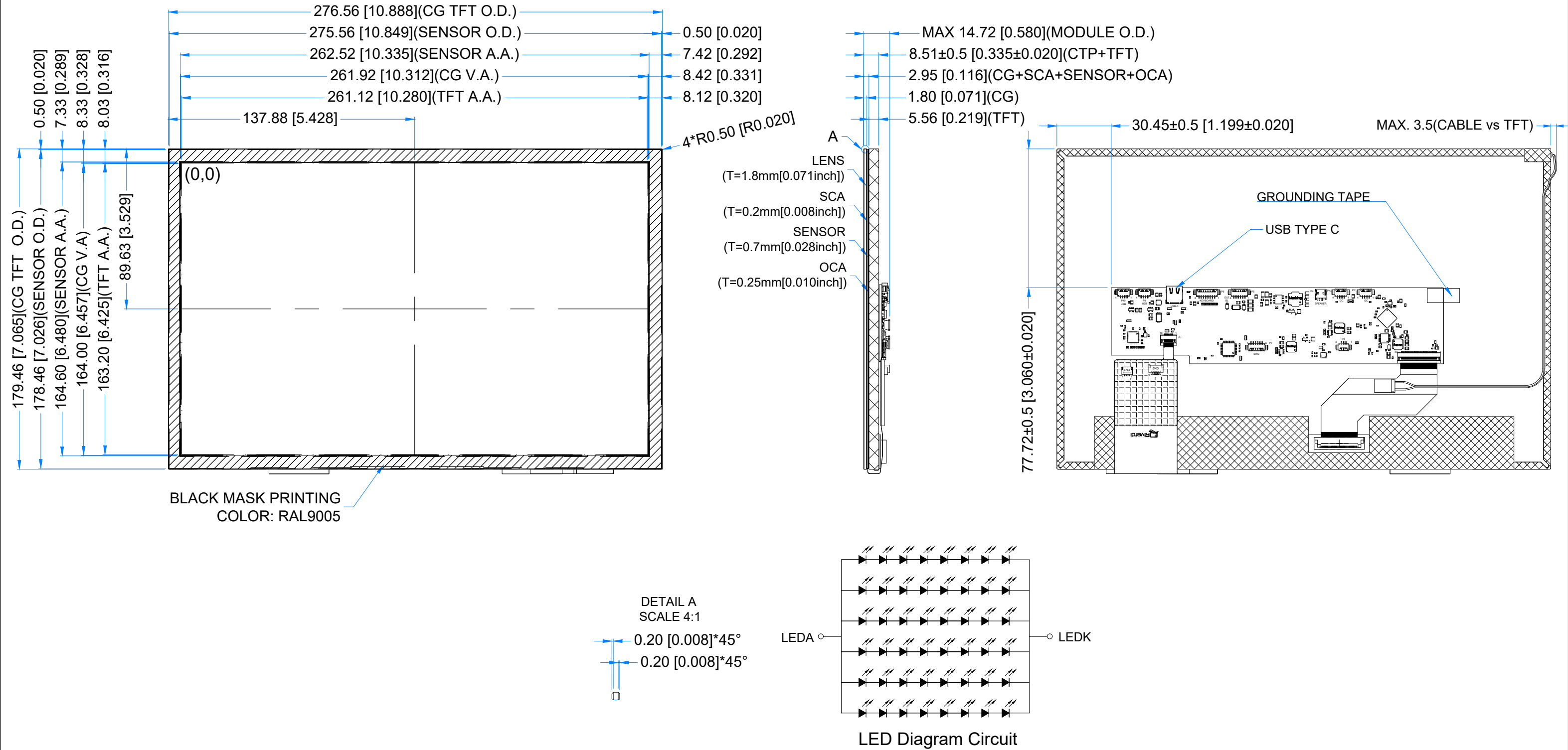
|      |                                                    |    |
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### 3. MODULE CLASSIFICATION INFORMATION

| RV | T  | 121 | H  | V  | U  | N  | W  | C  | A0  | B   |
|----|----|-----|----|----|----|----|----|----|-----|-----|
| 1. | 2. | 3.  | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |

| NO. | PARAMETER          | SYMBOL                           |
|-----|--------------------|----------------------------------|
| 1.  | BRAND              | RV – Riverdi                     |
| 2.  | PRODUCT TYPE       | T – TFT Standard                 |
| 3.  | DISPLAY SIZE       | 121 – 12.1”                      |
| 4.  | MODEL SERIAL NO.   | H – High Brightness, IPS         |
| 5.  | RESOLUTION         | V – 1280 x 800 px                |
| 6.  | INTERFACE          | U – USB C                        |
| 7.  | FRAME              | N – Without Mounting Metal Frame |
| 8.  | BACKLIGHT TYPE     | W – LED White                    |
| 9.  | TOUCH PANEL        | C – with Capacitive Touch panel  |
| 10. | VERSION            | A0 – aTouch                      |
| 11. | BONDING TECHNOLOGY | B- Optical bonding               |

| Revision: | Changes:              | Date:      |
|-----------|-----------------------|------------|
| 1.0       | Initial Case          | 2025.02.28 |
| 1.1       | PCBA Position changed | 2025.11.25 |



|                                                                                                                                                                                                                                            |                                                                                                                                                          |                                                                                                                                                                                                                      |                          |            |                                                                                       |                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>LCM NOTES:</b><br>1. LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS<br>2. RESOLUTION: 1280x800<br>3. VIEWING ANGLE: FREE<br>4. CONTROLLER IC OF MAIN BOARD: LT7911D<br>5. VIDEO INTERFACE: USB-C<br>6. MODULE SURFACE LUMINANCE: 850cd/m^2 | <b>TP NOTES:</b><br>1. TP STRUCTURE: G+G<br>2. CG THICKNESS: 1.8mm[0.071inch]<br>3. SURFACE HARDNESS: 6H<br>4. DRIVER IC: ILI2511<br>5. INTERFACE: USB-C | <b>GENERAL NOTES:</b><br>1. OPERATING TEMPERATURE: -20°C ~ 70°C<br>2. STORAGE TEMPERATURE: -30°C ~ 80°C<br>3. WITHOUT INDIVIDUAL TOLERANCE:<br>±0.3mm[0.012inch]<br>4. USB-C Power supply 5.0V<br>5. RoHS3 COMPLIANT |                          |            |  |                                                                                       |
|                                                                                                                                                                                                                                            |                                                                                                                                                          |                                                                                                                                                                                                                      | PN: RVT121HVUNWCA0-B     |            |                                                                                       |                                                                                       |
|                                                                                                                                                                                                                                            |                                                                                                                                                          |                                                                                                                                                                                                                      | SN:                      |            |                                                                                       |                                                                                       |
|                                                                                                                                                                                                                                            |                                                                                                                                                          |                                                                                                                                                                                                                      | DRAWN: M.Stabinski       | 2025.11.25 | 1:2.11                                                                                |  |
|                                                                                                                                                                                                                                            |                                                                                                                                                          |                                                                                                                                                                                                                      | CHECKED: J.Teska-Adamiec | 2025.11.25 | [mm]                                                                                  |                                                                                       |
| APPR: M.Wierzbowski                                                                                                                                                                                                                        | 2025.11.25                                                                                                                                               | ISO A3                                                                                                                                                                                                               | P. 1 of 1                |            |                                                                                       |                                                                                       |

## 5. ABSOLUTE MAXIMUM RATINGS

| PARAMETER                               | SYMBOL          | MIN  | MAX | UNIT |
|-----------------------------------------|-----------------|------|-----|------|
| Supply Voltage for Module               | V <sub>DD</sub> | -0.5 | 5.5 | V    |
| Operating Temperature                   | T <sub>OP</sub> | -20  | 70  | °C   |
| Storage Temperature                     | T <sub>ST</sub> | -30  | 80  | °C   |
| Storage Humidity (@ 25 ± 5°C)           | H <sub>ST</sub> | 10   | -   | % RH |
| Operating Ambient Humidity (@ 25 ± 5°C) | H <sub>OP</sub> | 10   | -   | % RH |

**Note.** The above are maximum values. If exceeded, they may cause permanent damage to the unit.

## 6. ELECTRICAL CHARACTERISTICS

| PARAMETER                 | SYMBOL          | MIN | TYP | MAX | UNIT | NOTE |
|---------------------------|-----------------|-----|-----|-----|------|------|
| Supply Voltage for Module | V <sub>DD</sub> | 4.7 | 5.0 | 5.3 | V    |      |

| PARAMETER                                | SYMBOL           | BL 0% | BL 50 % | BL 100% | UNIT | NOTE   |
|------------------------------------------|------------------|-------|---------|---------|------|--------|
| Current drawn from V <sub>DD</sub> @5.0V | I <sub>VDD</sub> | 460   | 1675    | 2670    | mA   | Note 1 |

**Note 1.**

BL 0%, current was measured with BL brightness set to 0%,  
 BL 50%, current was measured with BL brightness set to 50%,  
 BL 100%, current was measured with BL brightness set to 100%.

Values of current may vary due to type of used cable.

## 7. BACKLIGHT ELECTRICAL CHARACTERISTICS

| PARAMETER                   | SYMBOL | MIN | TYP    | MAX | UNIT  | NOTE   |
|-----------------------------|--------|-----|--------|-----|-------|--------|
| Backlight Power Consumption | WBL    | -   | 5,76   | -   | W     |        |
| Lifetime                    | -      | -   | 50,000 | -   | hours | Note 1 |

**Note 1.** Unless specified, the ambient temperature  $T_a = 25^{\circ}\text{C}$

**Note 2.** The recommended operating conditions refer to a range in which operation of this product is guaranteed. The operation cannot be guaranteed if the absolute maximum values exceed.

**Note 3.** If LED is driven by high current, high ambient temperature and humidity condition, the lifetime of LED will be reduced. Operating life means brightness goes down to 50% initial brightness. Typical operating lifetime is estimated data.



## 8. ELECTRO-OPTICAL CHARACTERISTICS

| ITEM                       | SYMBOL   | CONDITION                                      | MIN  | TYP  | MAX  | UNIT              | RMK    | NOTE |
|----------------------------|----------|------------------------------------------------|------|------|------|-------------------|--------|------|
| Response Time              | Tr+Tf    | $\theta=0^\circ$<br>$\phi=0^\circ$<br>Ta=25 °C | -    | 25   | 35   | ms                | FIG 1. | 4, 7 |
| Contrast Ratio             | Cr       |                                                | -    | 800  | 1000 | ---               | FIG 2. | 1, 7 |
| Surface Luminance          | Lv       |                                                | -    | 850  | -    | cd/m <sup>2</sup> |        | 2, 7 |
| Viewing Angle Range        | $\theta$ | $\phi = 90^\circ$                              | 75   | 85   | -    | deg               | FIG 3. | 6    |
|                            |          | $\phi = 270^\circ$                             | 75   | 85   | -    | deg               |        |      |
|                            |          | $\phi = 0^\circ$                               | 75   | 85   | -    | deg               |        |      |
|                            |          | $\phi = 180^\circ$                             | 75   | 85   | -    | deg               |        |      |
| CIE (x, y)<br>Chromaticity | Rx       | $\theta=0^\circ$<br>$\phi=0^\circ$<br>Ta=25 °C | 0.22 | 0.26 | 0.30 | -                 | FIG 2. | 5,7  |
|                            | Ry       |                                                | 0.20 | 0.24 | 0.28 | -                 |        |      |
|                            | Gx       |                                                | 0.34 | 0.38 | 0.42 | -                 |        |      |
|                            | Gy       |                                                | 0.50 | 0.54 | 0.58 | -                 |        |      |
|                            | Bx       |                                                | 0.10 | 0.14 | 0.18 | -                 |        |      |
|                            | By       |                                                | 0.09 | 0.13 | 0.17 | -                 |        |      |
|                            | Wx       |                                                | 0.28 | 0.32 | 0.36 | -                 |        |      |
|                            | Wy       |                                                | 0.29 | 0.33 | 0.37 | -                 |        |      |

**Note 1.** Contrast Ratio (CR) is defined mathematically as below, for more information see Figure 2.

$$\text{Contrast Ratio} = \frac{\text{Average Surface Luminance with all white pixels (P1, P2, P3, P4, P5)}}{\text{Average Surface Luminance with all black pixels (P1, P2, P3, P4, P5)}}$$

**Note 2.** Surface luminance is the LCD surface from the surface with all pixels displaying white. For more information see Figure 2.

$$L_v = \text{Average Surface Luminance with all white pixels (P1, P2, P3, P4, P5)}$$

**Note 3.** The uniformity in surface luminance  $\delta$  WHITE is determined by measuring luminance at each test position 1 through 5, and then dividing the minimum luminance of 5 points luminance by maximum luminance of 5 points luminance. For more information see Figure 2.

$$\delta \text{ WHITE} = \frac{\text{Minimum Surface Luminance with all white pixels (P1, P2, P3, P4, P5)}}{\text{Maximum Surface Luminance with all white pixels (P1, P2, P3, P4, P5)}}$$

**Note 4.** Response time is the time required for the display to transition from white to black (Rise Time,  $T_r$ ) and from black to white (Decay Time,  $T_f$ ). For additional information see Figure 1. The test equipment is BM-7A.

**Note 5.** CIE (x, y) chromaticity, the x, y value is determined by measuring luminance at each test position 1 through 5, and then make average value.

**Note 6.** For TFT module, viewing angle is the angle at which the contrast ratio is greater 10. The angles are determined for the horizontal or x axis and the vertical or y axis with respect to the z axis which is normal to LCD surface. For more information see Figure 3.

**Note 7.** Viewing angle is measured at the center point of the LCD by CONOSCOPE (ergo-80). For response time testing, the testing data is based on BM-7A. Instruments for Contrast Ratio, Surface Luminance, Luminance Uniformity, Chromaticity the test data is based on SR-3A.

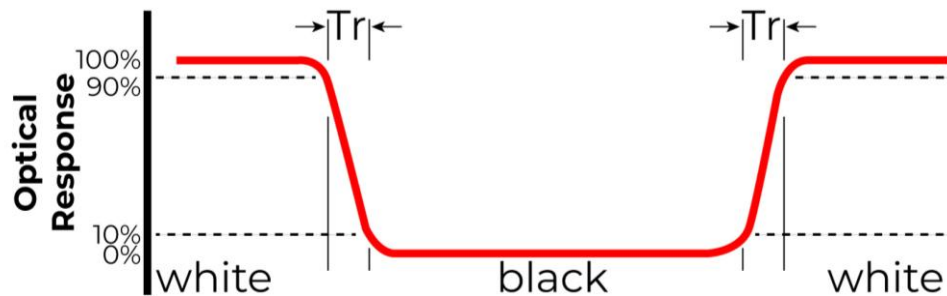
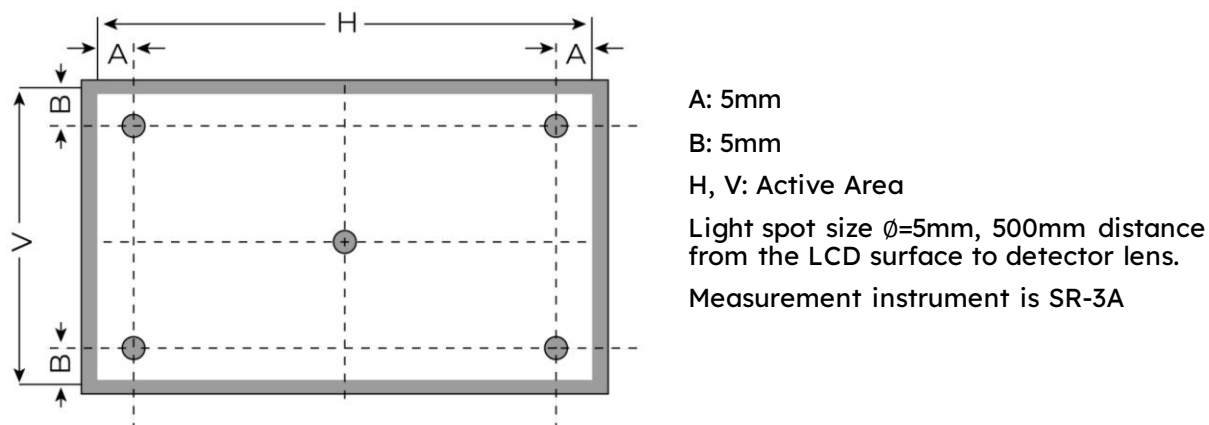
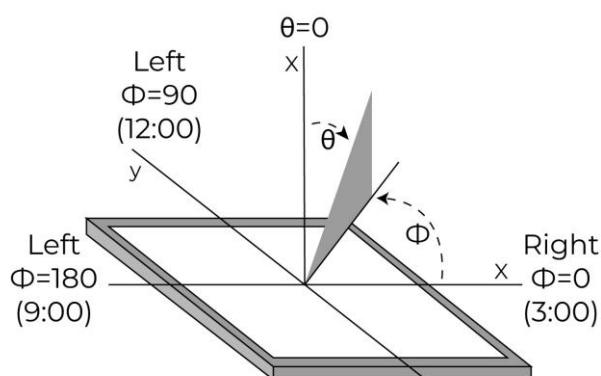


Figure 1. The definition of response time



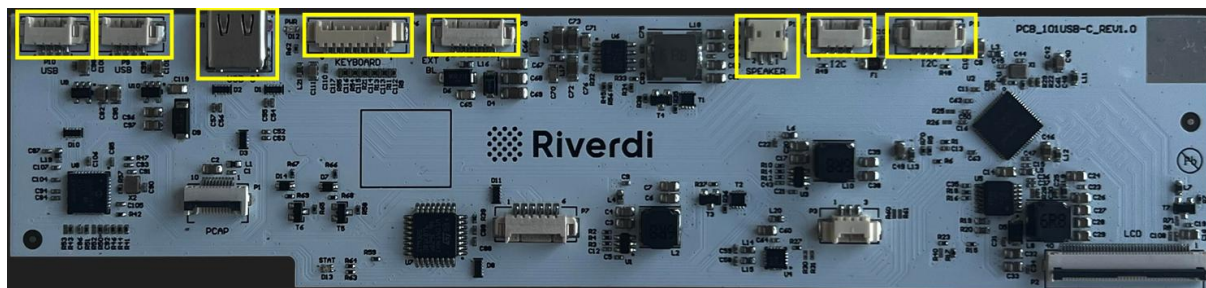
*Figure 2. Measuring method for Contrast ratio, surface luminance, Luminance uniformity, CIE (x, y) chromaticity*



*Figure 3. The definition of viewing angle*

## 9. INTERFACES DESCRIPTION

### 9.1 PCB overview



| NAME                              | CONNECTOR                   | DESCRIPTION                                                                                                                                                                                                               | NOTE |
|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| <b>P9, P10</b>                    | USB                         | USB molex                                                                                                                                                                                                                 |      |
| <b>VIDEO/<br/>TOUCH<br/>PANEL</b> | USB-C                       | Video interface/Touch panel interface                                                                                                                                                                                     |      |
| <b>P6</b>                         | External keyboard connector | Molex 53261-0871 or alternative; Horizontal, 1.25mm pitch; 8 pins. The connector is reserved for external keyboard.                                                                                                       |      |
| <b>P5</b>                         | Backlight PWM & Power       | Molex 53261-0671 or alternative; Horizontal, 1.25mm pitch; 6 pins.<br><br>The unit realizes the function of digital dimming. This connector enables to control backlight PWM externally.<br><br>Alternative power supply. |      |
| <b>P4</b>                         | Speaker                     | Speaker molex                                                                                                                                                                                                             |      |
| <b>P11, P12</b>                   | I2C                         | I2C molex                                                                                                                                                                                                                 |      |

Note 1. External keyboards are optional, not included in the standard kit.

## 9.2 USB interface (P9, P10)

| PIN      | SYMBOL | DESCRIPTION        |
|----------|--------|--------------------|
| <b>1</b> | VBUS   | Power supply, 5.0V |
| <b>2</b> | USB_N  | USB_D-             |
| <b>3</b> | USB_P  | USB_D+             |
| <b>4</b> | GND    | Ground             |

## 9.3 Video/Touch panel interface – USB-C

| PIN            | SYMBOL        | DESCRIPTION                                     |
|----------------|---------------|-------------------------------------------------|
| <b>A4/B4</b>   | VBUSA/VBUSB   | Power supply, 5.0V                              |
| <b>A9/B9</b>   | VBUSA/VBUSB   | Power supply, 5.0V                              |
| <b>A2/B2</b>   | SSTXP1/SSTXP2 | Super speed differential pair transmit positive |
| <b>A3/B3</b>   | SSTXN1/SSTXN2 | Super speed differential pair transmit negative |
| <b>A5/B5</b>   | CC1/CC2       | Configuration channel                           |
| <b>A6/B6</b>   | DP1/DP2       | Differential pair positive                      |
| <b>A7/B7</b>   | DN1/DN2       | Differential pair negative                      |
| <b>A8/B8</b>   | SBU1/SBU2     | Sideband use                                    |
| <b>A10/B10</b> | SSRXN2/SSRXN1 | Super speed differential pair receive positive  |
| <b>A11/B11</b> | SSRXP2/SSRXP1 | Super speed differential pair receive positive  |
| <b>A1/B1</b>   | GND           | Ground                                          |
| <b>A12/B12</b> | GND           | Ground                                          |

**Note 1.** All the signals in Touch panel connector are in accordance with USB-C standard.

**Note 2.** Matched Riverdi cable accessory: USB-A 2.0 TO USB-C CABLE

## 9.4 External keyboard – P6

| PIN | SYMBOL | DESCRIPTION                         |
|-----|--------|-------------------------------------|
| 1   | INP1   | Brightness level rise               |
| 2   | INP2   | Brightness level decrease           |
| 3   | INP3   | Switch Input 3 – reserved, not used |
| 4   | INP4   | Switch Input 4 – reserved, not used |
| 5   | INP5   | Switch Input 5 – reserved, not used |
| 6   | INP6   | Switch Input 6 – reserved, not used |
| 7   | GND    | Ground                              |
| 8   | VCC    | Power supply, 3.3V                  |

**Note.** External keyboard is by default to change backlight brightness level.

## 9.5 Backlight PWM & Power – P5

| PIN | SYMBOL   | DESCRIPTION             | NOTE      |
|-----|----------|-------------------------|-----------|
| 1   | GND      | Ground                  |           |
| 2   | GND      | Ground                  |           |
| 3   | EXT_DIMM | External dimming        | Note 1, 3 |
| 4   | EXT_EN   | External dimming enable | Note 3    |
| 5   | VIN2     | Power supply, 6-36V     | Note 2    |
| 6   | VIN2     | Power supply, 6-36V     | Note 2    |

**Note 1.** PWM frequency range: 1kHz - 5kHz.

100% PWM duty cycle corresponds to maximum brightness

0% PWM duty cycle corresponds to minimum brightness

**Note 2.** Matched Riverdi cable accessory: RVA-0106M-1.25FF-1.

**Note 3.** Notice

$V_L < 1.2V$  = active low

$V_H > 2.4V \dots 36V$  = active high

Socket used for external power supply.

## 9.6 Speaker – P4

| PIN | SYMBOL | DESCRIPTION               | NOTE |
|-----|--------|---------------------------|------|
| 1   | OUTP   | Speaker coil „+” terminal |      |
| 2   | OUTN   | Speaker coil „-” terminal |      |

**Note.** Max available power for connected speaker 3W (4Ω).

## 9.7 I2C – P11, P12

| PIN | SYMBOL | DESCRIPTION        | NOTE |
|-----|--------|--------------------|------|
| 1   | VBUS   | Power supply, 5.0V |      |
| 2   | SCL    | Serial clock       |      |
| 3   | SDA    | Serial data        |      |
| 4   | GND    | Ground             |      |

# 10. DISPLAY SPECIFICATION

The TFT of the module applies Riverdi high brightness, IPS, 12.1” LVDS: RVT121HVLNWA00

The supported resolution of the display in this module is 1280\*800.

For detailed information, please refer to datasheet of display.

## 11. CAPACITIVE TOUCH SCREEN PANEL SPECIFICATIONS

### 11.1 Mechanical characteristics

| DESCRIPTION                     | SPECIFICATION         | REMARK |
|---------------------------------|-----------------------|--------|
| <b>Touch Panel Size</b>         | 12.1 inch             | αTouch |
| <b>Outline Dimension of CTP</b> | 275.56 mm x 178.46 mm |        |
| <b>Product Thickness</b>        | 2.95 mm               |        |
| <b>Glass Thickness</b>          | 1.8 mm                |        |
| <b>CTP View Area</b>            | 261.92 mm x 164.00 mm |        |
| <b>Sensor Active Area</b>       | 261.12 mm x 163.20 mm |        |
| <b>Surface Hardness</b>         | 6H                    |        |

### 11.2 Electrical characteristics

| DESCRIPTION       | SPECIFICATION | REMARK |
|-------------------|---------------|--------|
| <b>Linearity</b>  | +/-1.5mm      |        |
| <b>Controller</b> | ILI2511       |        |
| <b>Resolution</b> | 1280 x 800    |        |



## 12. INSPECTION

Standard acceptance/rejection criteria for TFT module

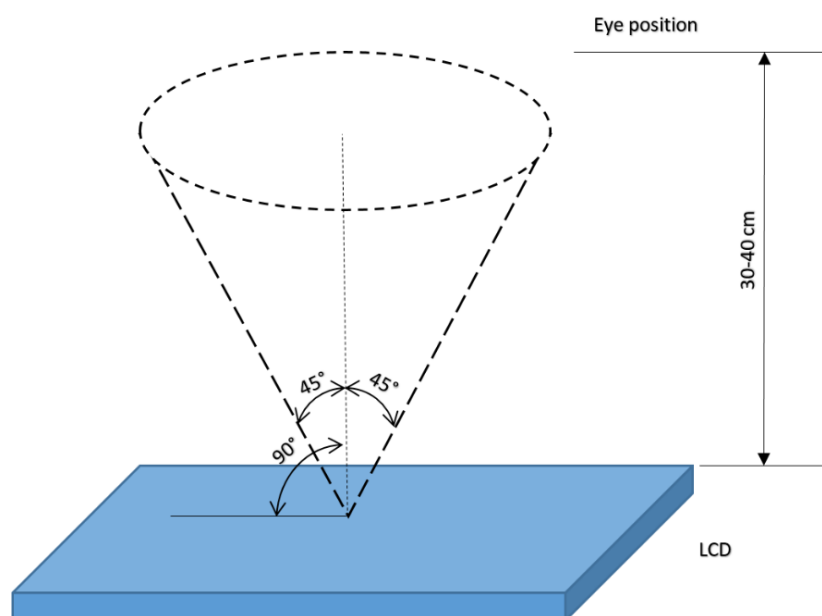
### 12.1 Inspection condition

Ambient conditions:

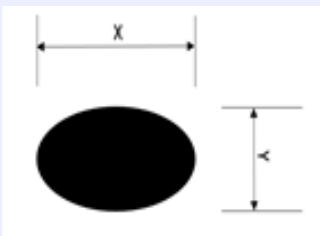
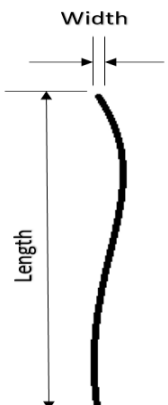
- Temperature:  $25 \pm 2^{\circ}\text{C}$
- Humidity:  $(60 \pm 10) \% \text{RH}$
- Illumination: Single fluorescent lamp non-directive (300 to 700 lux)

Viewing distance:  $35 \pm 5\text{cm}$  between inspector bare eye and LCD.

Viewing Angle: U/D:  $45^{\circ}/45^{\circ}$ , L/R:  $45^{\circ}/45^{\circ}$



## 12.2 Inspection standard

| ITEM                                                                   | CRITERION                                                                                                                |                                          |                                        |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------|
| Black spots, white spots, light leakage, Foreign Particle (round Type) | <br>$D=(x+y)/2$<br>Spots density: 10 mm | Size = 12.1"                             |                                        |
|                                                                        |                                                                                                                          | Average Diameter                         | Qualified Qty                          |
|                                                                        |                                                                                                                          | $D \leq 0.2 \text{ mm}$                  | Ignored                                |
|                                                                        |                                                                                                                          | $0.2 \text{ mm} < D \leq 0.3 \text{ mm}$ | $N \leq 4$                             |
|                                                                        |                                                                                                                          | $0.5 \text{ mm} < D$                     | Not allowed                            |
| LCD black spots, white spots, light leakage (line Type)                | <br>Spots density: 10 mm              | Size = 12.1"                             |                                        |
|                                                                        |                                                                                                                          | Length                                   | Width<br>Qualified Qty                 |
|                                                                        |                                                                                                                          | -                                        | $W \leq 0.05$<br>Ignored               |
|                                                                        |                                                                                                                          | $L \leq 5.0$                             | $0.05 < W \leq 0.1$<br>$N \leq 3$      |
|                                                                        |                                                                                                                          | $5.0 < L$                                | $0.10 < W$<br>$5.0 < L$<br>Not allowed |
| Bright/Dark Dots                                                       | Size = 12.1"                                                                                                             |                                          |                                        |
|                                                                        | Item                                                                                                                     | Qualified Qty                            |                                        |
|                                                                        | Bright dots                                                                                                              | 0                                        |                                        |
|                                                                        | Dark dots                                                                                                                | 0                                        |                                        |
|                                                                        | Cluster bright dots or dark dots                                                                                         | 0                                        |                                        |
|                                                                        | Total bright and dark dots                                                                                               | 0                                        |                                        |

|                                |                      |                   |               |
|--------------------------------|----------------------|-------------------|---------------|
| Clear spots                    | Size $\geq 5.0''$    |                   |               |
|                                | Average Diameter     |                   | Qualified Qty |
|                                | D < 0.2 mm           |                   | Ignored       |
|                                | 0.2 mm < D < 0.3 mm  |                   | 4             |
|                                | 0.3 mm < D < 0.5 mm  |                   | 2             |
|                                | 0.5 mm < D           |                   | 0             |
|                                | Spots density: 10 mm |                   |               |
| Touch panel spots              | Size $\geq 5.0''$    |                   |               |
|                                | Average Diameter     |                   | Qualified Qty |
|                                | D < 0.25 mm          |                   | Ignored       |
|                                | 0.25 mm < D < 0.5 mm |                   | 4             |
|                                | 0.5 mm < D           |                   | 0             |
| Touch panel white line scratch | Size $\geq 5.0''$    |                   |               |
|                                | Length               | Width             | Qualified Qty |
|                                | -                    | $W \leq 0.03$     | Ignored       |
|                                | $L \leq 5.0$         | $0.03 < W < 0.05$ | 2             |
|                                | -                    | $0.05 < W$        | 0             |

## 13. RELIABILITY TEST

| NO. | TEST ITEM                           | TEST CONDITION                                                                                                                       | NOTE   |
|-----|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1   | High Temperature Storage            | 80°C/120 hours                                                                                                                       | Note 1 |
| 2   | Low Temperature Storage             | -30°C/120 hours                                                                                                                      |        |
| 3   | High Temperature Operating          | 70°C/120 hours                                                                                                                       |        |
| 4   | Low Temperature Operating           | -20°C/120 hours                                                                                                                      |        |
| 5   | High Temperature and High Humidity  | 40°C, 90%RH, 120Hrs                                                                                                                  |        |
| 6   | Thermal Cycling Test (No operation) | -20°C for 30min, 70°C for 30 min.<br>100 cycles. Then test at room temperature after 1 hour                                          | Note 2 |
| 7   | Vibration Test                      | Frequency: 10 ÷ 55 Hz.<br>Stroke: 1.5 mm.<br>Sweep: 10Hz ÷ 55Hz ÷ 10 Hz.<br>2 hours for each direction of X, Y, Z<br>(Total 6 hours) |        |

**Note 1.** Sample quantity for each test item is 5 ÷ 10 pcs.

**Note 2.** The device is kept at room temperature for 2 hours prior to starting the test

## 14. LEGAL INFORMATION

CE marking is usually obligatory only for a complete end product. Riverdi display modules are semi-finished goods which are used as inputs to become part of the finished products.

Therefore, Riverdi display modules are not CE marked.

This is not a standalone product. It was designed as an electronic component. It needs integration with a whole system to be fully functional.

Riverdi grants the guarantee for the proper operation of the goods for a period of 12 months from the date of possession of the goods. If in a consequence of this guaranteed execution the customer has received the defects-free item as replacement for the defective item, the effectiveness period of this guarantee shall start anew from the moment the customer receives the defects-free item.

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## 15. CONTACT

### Your Success is Our Priority

Stuck on a technical challenge? Need expert guidance?  
Our dedicated support team is just a message away.

Contact us at  
[contact@riverdi.com](mailto:contact@riverdi.com)

We're here to ensure your project's success, every step of the way!