

P48272V43C_T07_01

4.3 Inches, 480xRGBx272, 65K Colors, UNICView LCM



● Display

| Item | Parameter | Description |
|---------------------------------|---|-------------------------------|
| Color | 65K (65536) colors | 16 bit color 5R6G5B |
| Visual Angle L/R/U/D | 70° /70° /50° /70° | |
| Resolution | 480*272 | 90° rotated display (272*480) |
| Backlight /Lifecycle/Brightness | LED/20,000 HOURS/ 300 cd/m ² | 64 levels adjustment |
| Working Temperature | -20~+70°C/-30~+80°C | |

● Voltage & Current

| Item | Conditions | Min | Typ | Max | Unit |
|-------------------|-------------------------|-----|-----|-----|------|
| Power Voltage | - | 4.5 | 5 | 5.5 | V |
| Operation Current | VIN = 5V, Backlight on | - | 300 | - | mA |
| | VIN = 5V, Backlight off | - | 110 | - | mA |

● Interface

| Item | Conditions | Min | Typ | Max | Unit |
|-------------|--|------|--------|--------|------|
| Baudrate | Standard | 1200 | 115200 | 892900 | bps |
| Interface | TTL/CMOS. Short-circuit J17 to choose RS-232. | | | | |
| Data Format | 1 byte for initial, 8 bytes for data, invalid bytes for checksum, 1 byte for end | | | | |
| Socket | SMD1.0-10P with lock catch | | | | |

● Peripherals

| No. | Parameter | Description |
|-----|--------------|--|
| 1 | Touch Screen | 4-wire resistance touch screen: P48272V43C_T07_01 |
| | | 4-wire capacitive touch screen: P48272V43C_P07_01 |
| | | No touch screen: P48272V43C_N07_01 |
| 2 | Buzzer | YES |
| 3 | RTC | YES |
| 4 | USB | YES. For downloading offline or user data copy. |
| 5 | USB Mini | YES. For online debugging. |
| 6 | Memory | 128M(support *.jpg files, maximum 65536 files theoretically), extended to 1G at maximum. |

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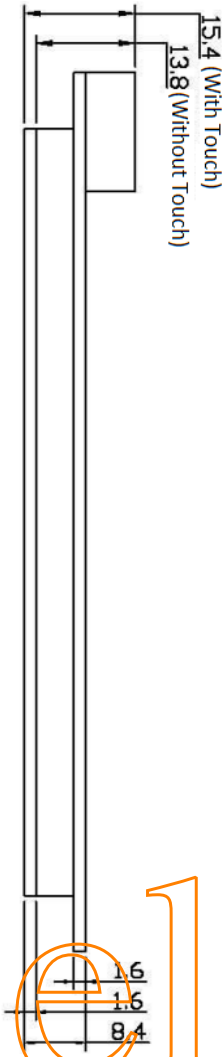
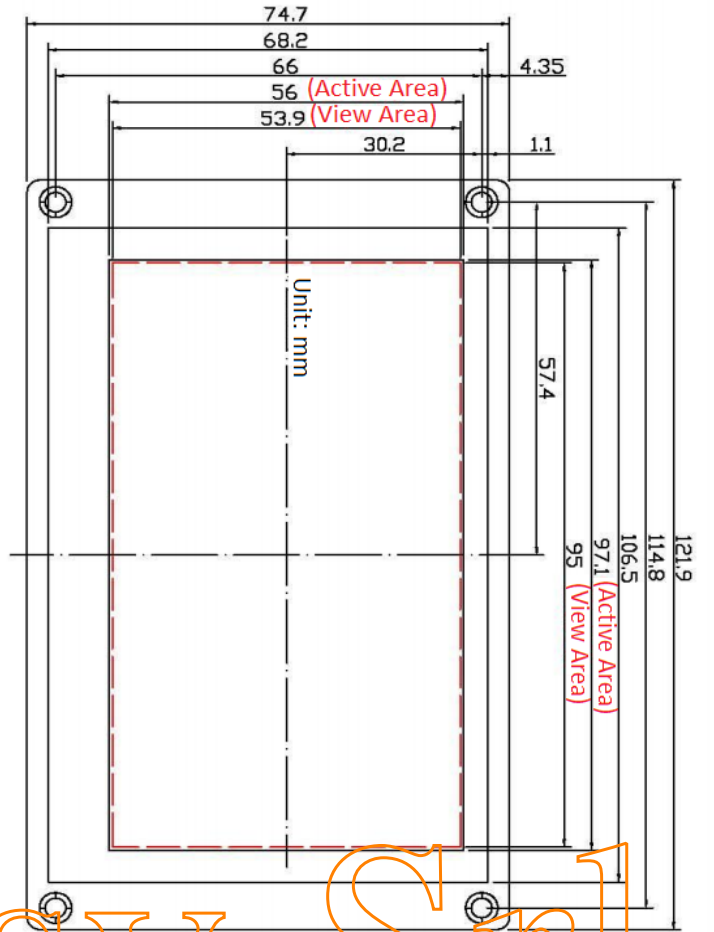
J17: Short-circuit to choose RS-232

J3: Serial Port

J2: USB-mini Port

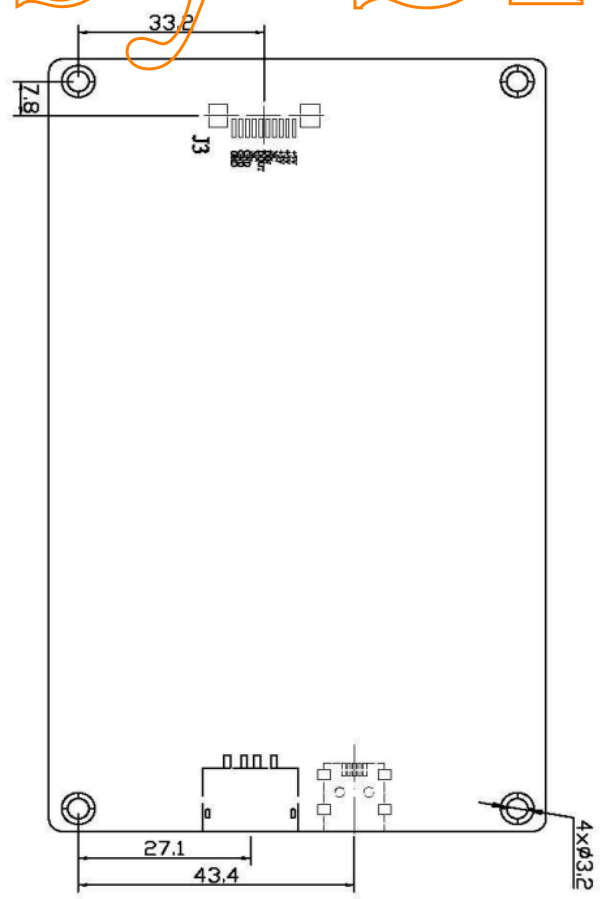
J10: USB Port





Adelsy Sri

| Pin Name | J1 Pin Num. | Remarks |
|----------|-------------|-------------|
| +5V | 1,2,3 | POWER INPUT |
| GND | 8,9,10 | GND |
| DIN | 5 | Data Input |
| DOUT | 6 | Data Output |
| NC | 4,7 | Not Defined |



| Part No. | P48272V43C_T07_01 | | | | PROCLUS TECHNOLOGIES INC. | |
|------------|-------------------|--------------|---------|------|---------------------------|--|
| Datasheet | A4 | Drawn by | Proclus | Date | | |
| Proportion | 1:1 | Verified by | | Date | | |
| Unit | mm | Confirmed by | | Date | | |