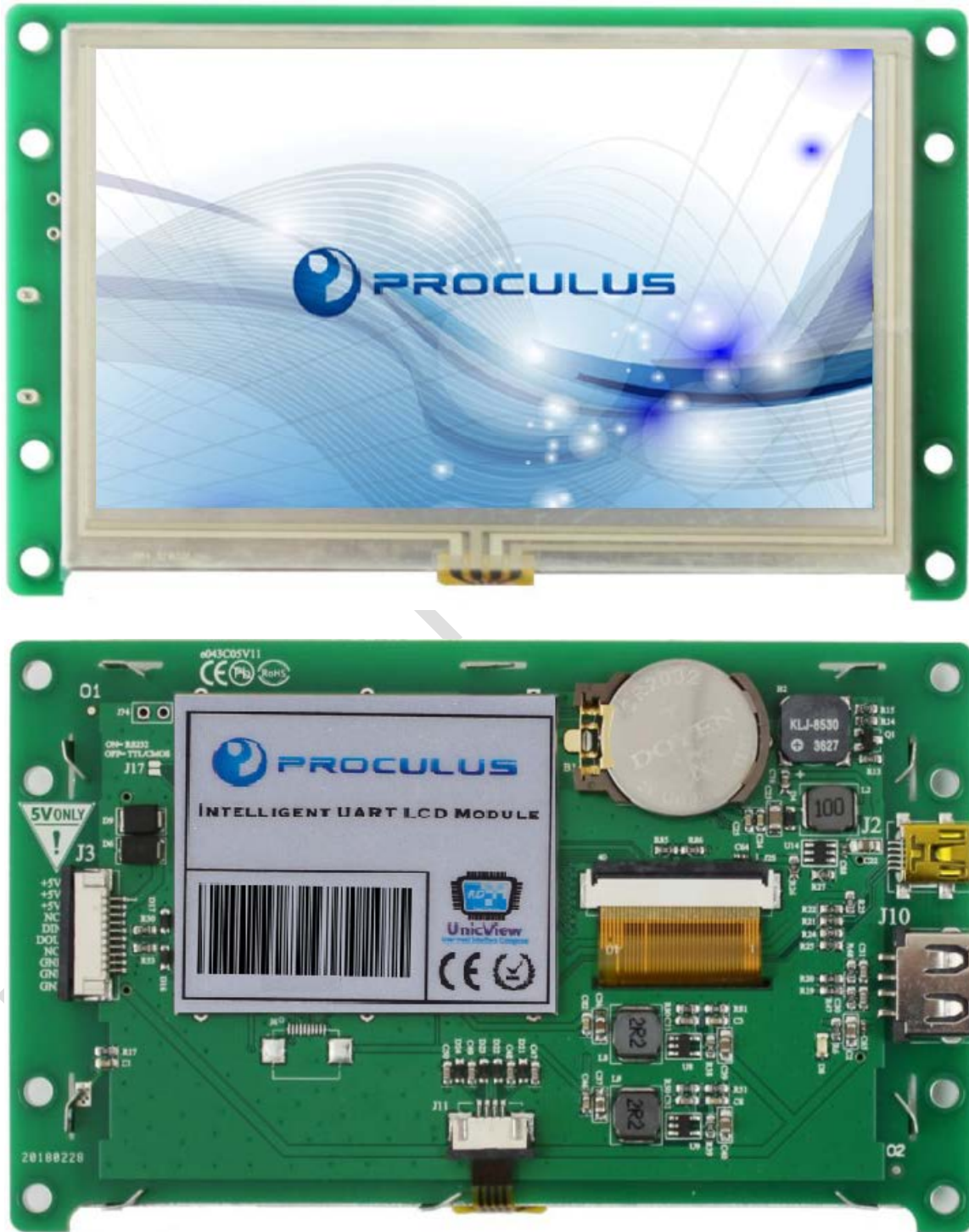


# P48272V43C\_T07\_01

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 <sup>2</sup>	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.
		External board needed for online debugging
6	Memory	128M(support *.jpg files, maximum 65536 files theoretically), extended to 1G at maximum.

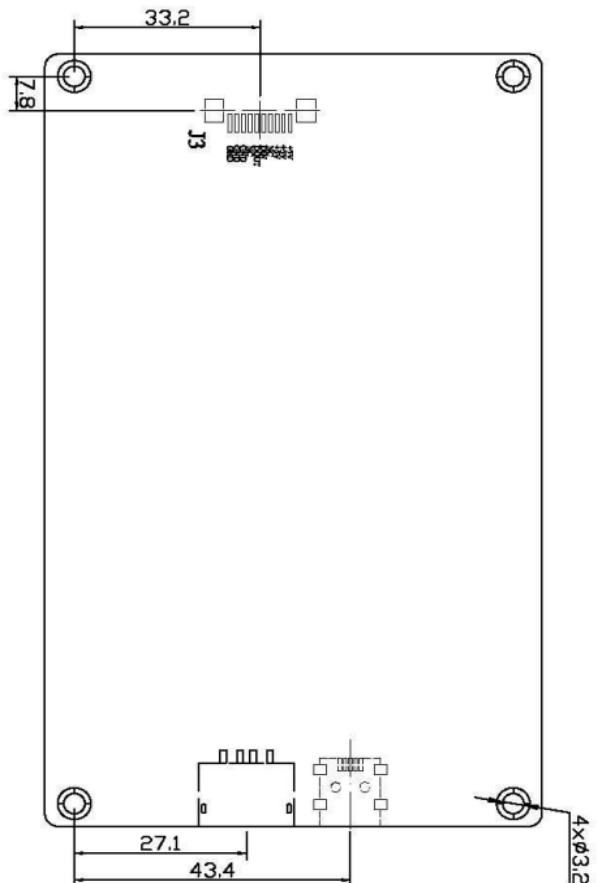
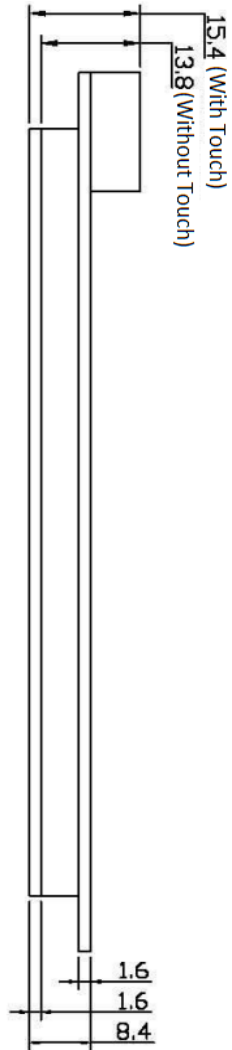
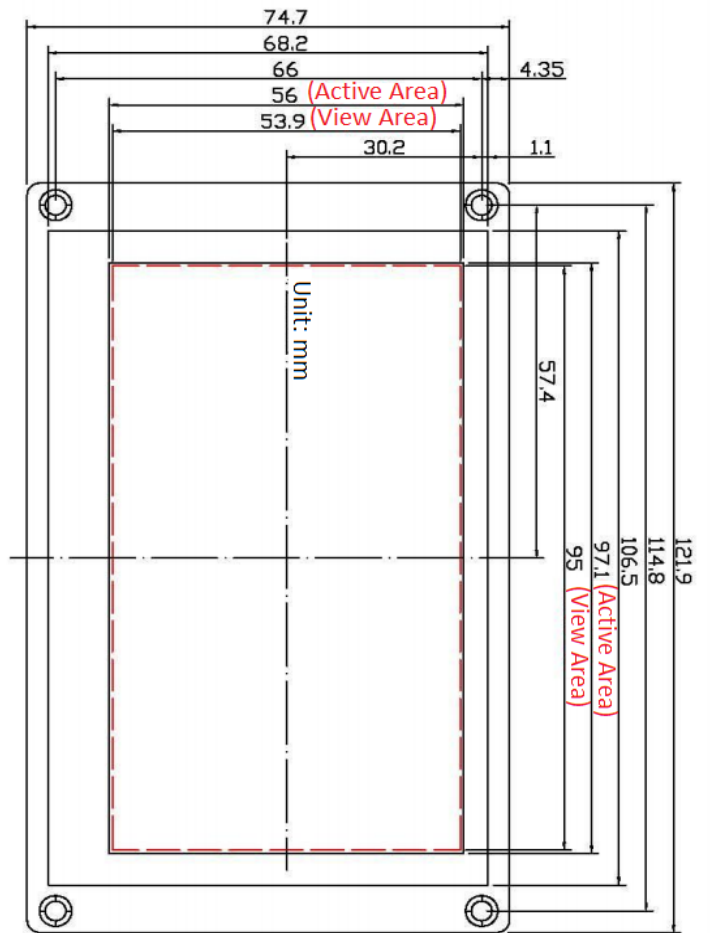


J17: Short-circuit to choose RS-232


J3: Serial Port

J2: USB-mini Port

J10: USB Port



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	