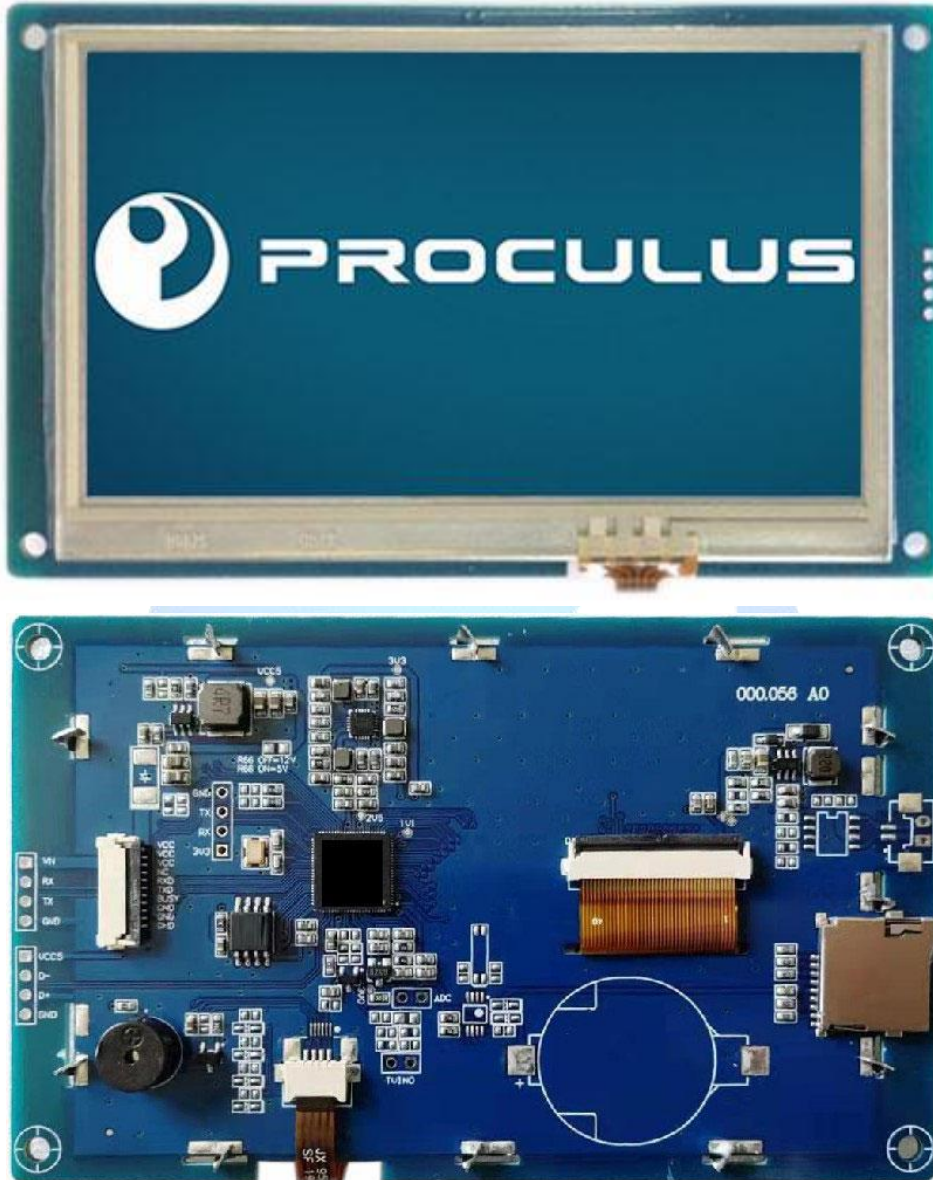


## P48272J43L\_X01

(X can be defined as N/T/P; N=No Touch/T=Resistive Touch/P=Pcap Touch)

### 4.3 Inches, 480xRGBx272, 65K Colors



#### Modification Record

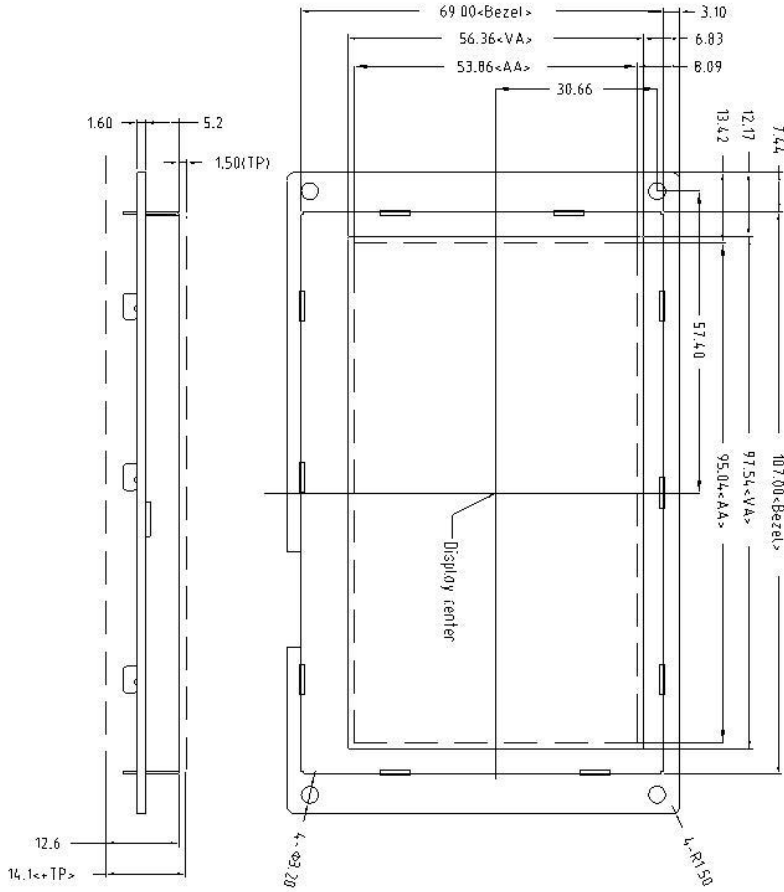
Date	Content
2019/12/05	First release

## Features

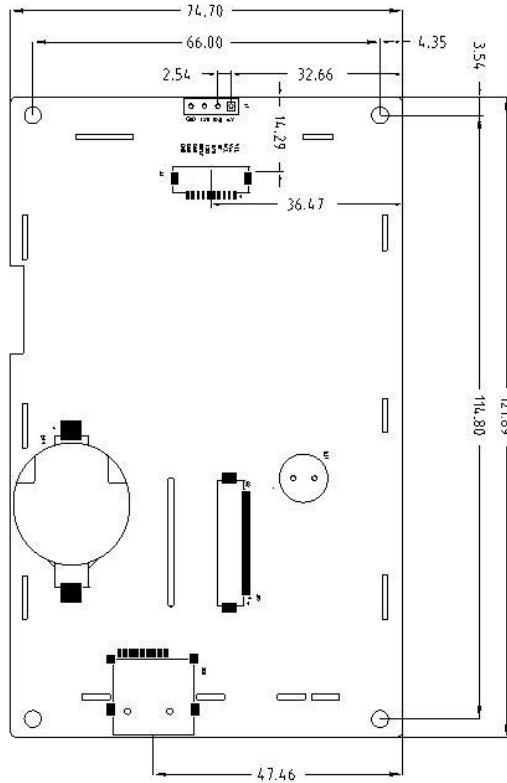
- Support RS232/TTL/CMOS, the max baud rate is 921600bps;
- Support hardware JPG decoding which makes storage more efficient and display quicker;
- Support offline batch download through USB Flash Drive, which improves download efficiency and reduce requirements for operators;
- Support backlight brightness adjustment and automatic standby screen saver function;
- Support multi-language font library, picture, TWO-DIMENSIONAL code display;
- Support number and English input, customizable keyboard interface;
- Support 90 degrees, 180 degrees, 270 degrees screen rotation, adjustable visual angle;
- Easy-to-use UnicView GUIs Development, no coding skills required;
- Instant operation when power on without system load time;
- Excellent electromagnetic compatibility characteristics.

Display					
<b>Color</b>	65K (65536) colors, 16 bit color 5R6G5B				
<b>ACTIVE AREA / View Area</b>	95.0mm(width)×53.9mm(height)/97.5 mm(width)×56.4 mm(height)				
<b>Resolution</b>	480*272, 90° rotated display (272*480)				
<b>Backlight /Lifecycle/Brightness</b>	LED/20,000 HOURS/ 250 cd/m <sup>2</sup> / (64 level adjustment)				
<b>Working Temperature</b>	-20~+70°C/-30~+85°C				
Voltage & Current					
Item	Condition	Min.	Typ.	Max.	Unit
<b>Power Voltage</b>		4.8	5	15	V
<b>Operation Current</b>	VIN = 5V, Backlight on	-	450	-	mA
	VIN = 5V, Backlight off	-	260	-	mA
Recommended Power Supply: 5V 1A DC					
Reliability Test					
Item	Condition	Min.	Typ.	Max.	Unit
<b>Working Temperature</b>	60%RH at 5V voltage	-20	25	70	°C
<b>Storage Temperature</b>	-	-30	25	85	°C
<b>Working Humidity</b>	25°C	10%	60%	90%	RH
<b>Protective Paint</b>	-	-	None	-	-
<b>Aging Test</b>	-	-	8	-	H

Interface					
Item	Condition	Min.	Typ.	Max.	Unit
Baud Rate	Standard	1200	115200	921600	bps
	User Defined	1200	-	921600	bps
Output Voltage (TXD、BUSY)	Output 1,Iout=1mA	3.0	3.2	-	V
	Output 0,Iout=-1mA	-	0.1	0.2	V
Input Voltage (RXD)	Input 1,Iin=1mA	2.0	3.3	15.0	V
	Input 0,Iin=-1mA	-15.0	0.0	0.3	V
Interface	8N1, 3.3V TTL/CMOS (only TTL supported)				
Socket	10pin,1.0mm FFC/4pin, 2.54mm socket				
USB	Reserved (If needed, please contact our sales representative.)				
SD slot	Yes (SD/SDHC, FAT32 file format)				
Memory					
Item	Parameter	Min	Typ.	Max	Unit
Flash	Space of Font	-	8	-	MB
	Picture Storage	-	7.5	-	MB
Peripherals					
Buzzer	Yes				
RTC	Yes				
Resistive touch screen	Yes				
SD Card	Yes				
Model number					
P48272J43L_N01	No Touch				
P48272J43L_T01	Resistive Touch				
P48272J43L_P01	Pcap Touch				
Packaging and physical dimensions					
Parameter	Data				
Dimensions	121.9(width) ×74.4(height) ×12.6(thickness without TP) / 14.1(thickness with TP) mm				
Net weight of single piece	TBD				
Weight of whole case	TBD				
Packing box size	TBD				
Packing specification	120 pieces /box				



技术要求:  
1. 单位:mm  
2. 未注公差±0.3;



J1引脚编号	J3引脚编号	引脚名称	引脚类型	说明
1	1,2,3	VCC	P	电源输入/Power input
-	7	BUSY	OUT	串口缓冲区分信号指示
3	6	TXD	OUT	RS232/TTL 数据输出
2	5	RXD	IN	RS232/TTL 数据输入
4	8,9,10	GND	P	公共地/GND
-	4	NC	-	未定义/Not Defined