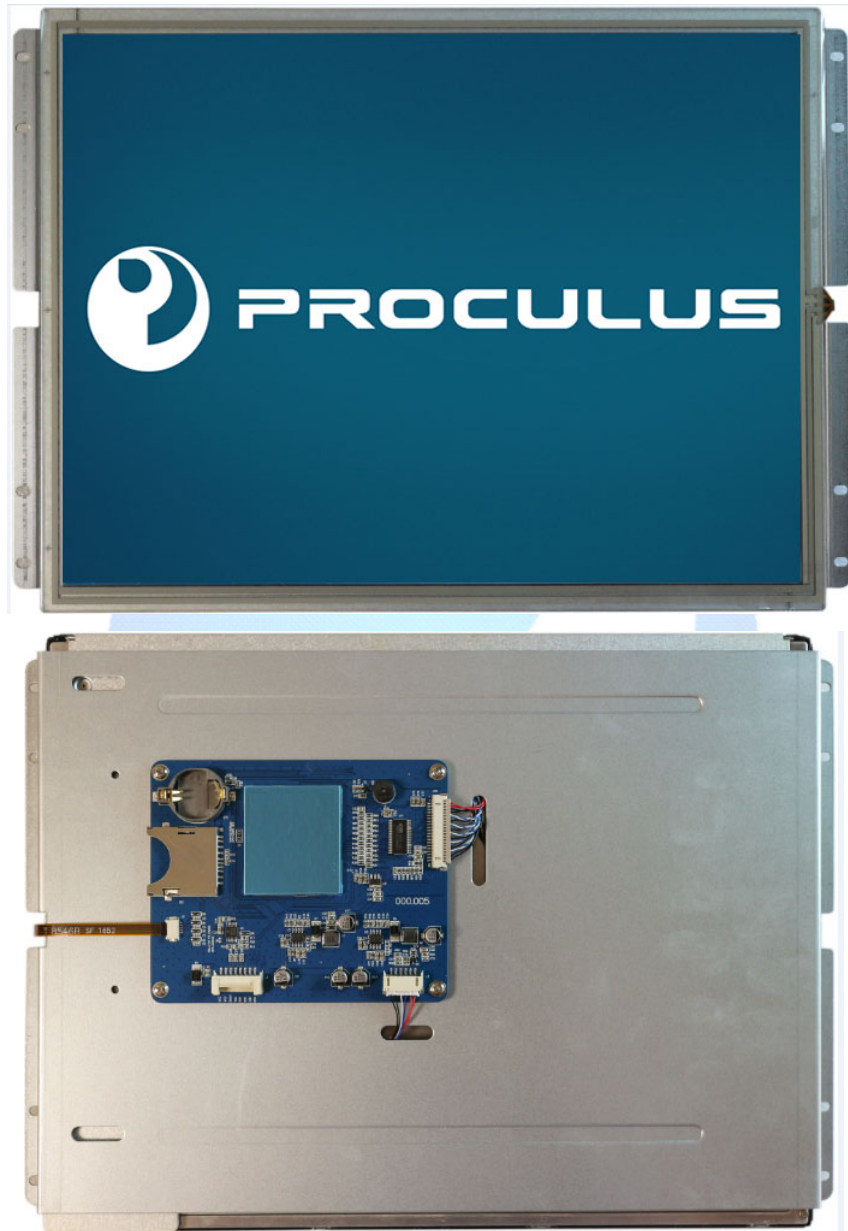


# P10768J150C\_X02

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

## 15.0 Inches, 1024xRGBx768, 65K Colors



### Modification Record

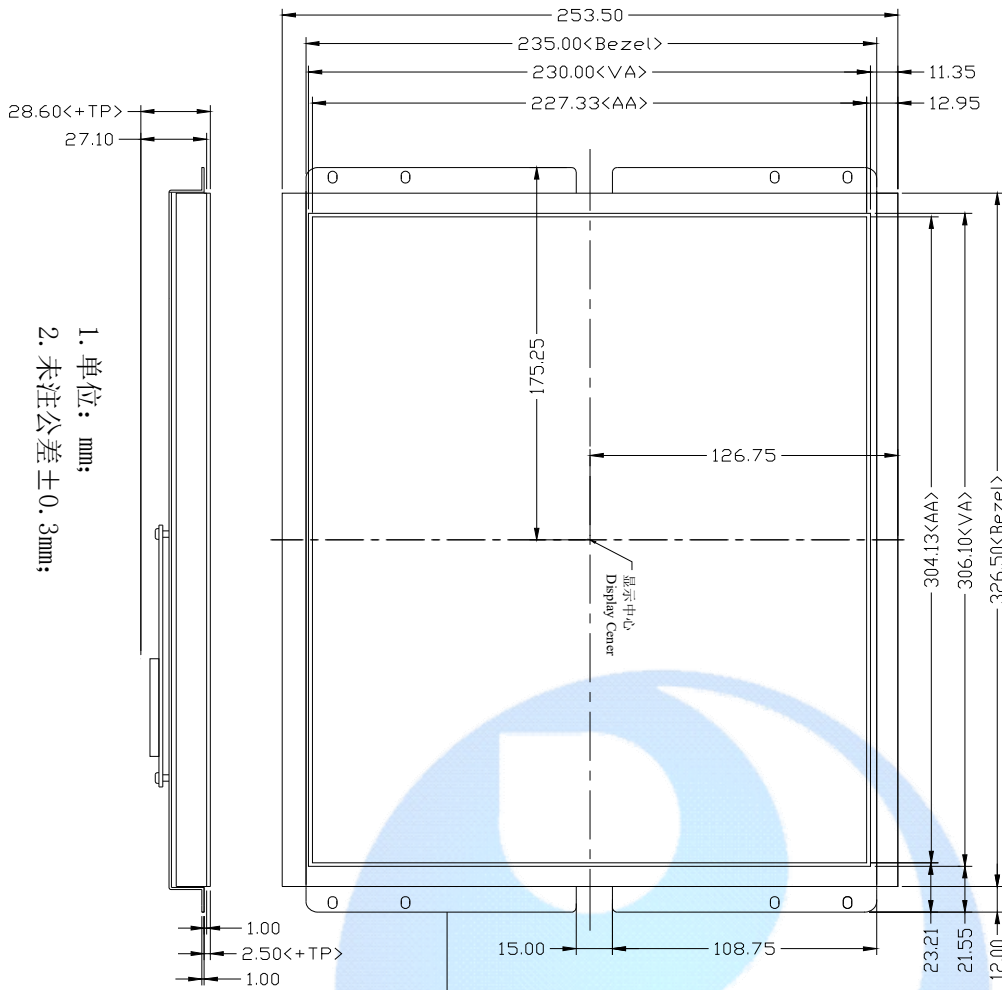
Date	Content
2016/11/01	First release

## Features

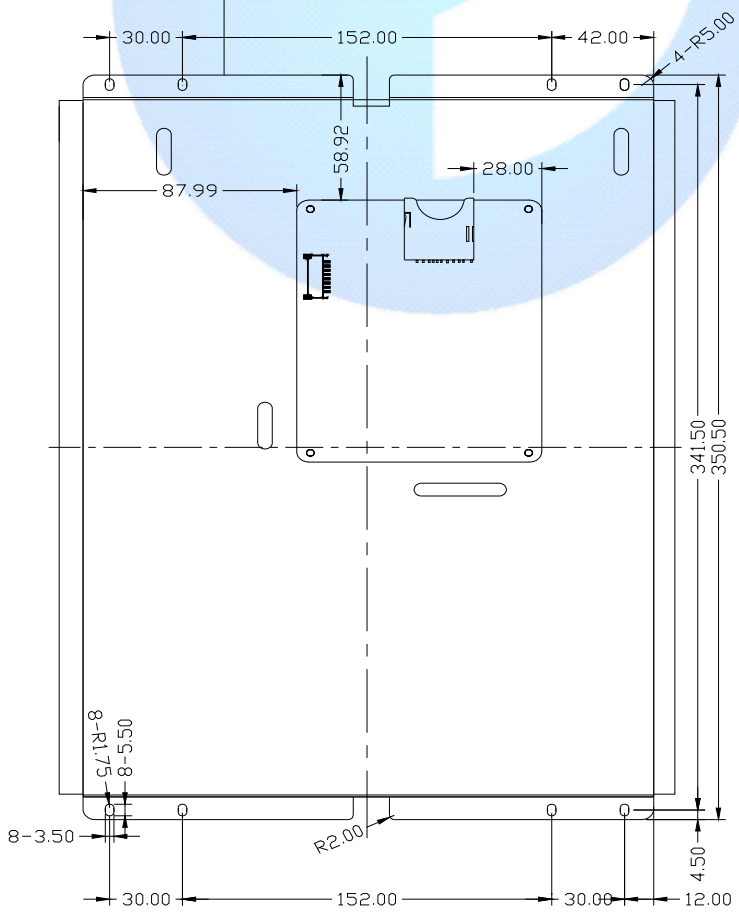
- Support RS232/TTL/CMOS, the max baud rate is 921600bps;
- Support audio
- Support hardware JPG decoding which makes storage more efficient and display quicker;
- Support offline batch download through USB Flash Drive, which improves download efficiency and reduce requirements for operators;
- Support 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>	304.1mm(width)×227.3mm(height)/307.4 mm(width)×231.3mm(height)				
<b>Resolution</b>	1024*768, 90° rotated display (768*1024)				
<b>Backlight /Lifecycle/Brightness</b>	LED/50,000 HOURS/ 400 cd/m <sup>2</sup> / (64 level adjustment)				
<b>Working /Storage Temperature</b>	-20~+70°C/-30~+85°C				
Voltage & Current					
Item	Condition	Min.	Typ.	Max.	Unit
<b>Power Voltage</b>		-	12	26	V
<b>Operation Current</b>	VIN = 12V, Backlight on	-	950	-	mA
	VIN = 12V, Backlight off	-	180	-	mA
Recommended Power Supply: 12V 2A DC					
Reliability Test					
Item	Condition	Min.	Typ.	Max.	Unit
<b>Working Temperature</b>	60%RH at 12V voltage	-20	25	70	°C
<b>Storage Temperature</b>	-	-30	25	85	°C
<b>Working Humidity</b>	25°C	10%	50%	80%	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	Mode is determined by Jumper6: ON = 8N1, 3.3V TTL/CMOS; OFF = 8N1, RS232				
Socket	HY2.0-8P				
USB	Reserved (If needed, please contact our sales representative.)				
SD slot	Yes (SDHC, FAT32 file format)				
Memory					
Item	Parameter	Min	Typ.	Max	Unit
Flash	Space of Font	-	32	-	MB
	Picture Storage(256M)	-	-	143	Pcs
	User' s Storage	0	-	32	MB
Peripherals					
Buzzer	Yes				
RTC	Yes				
Resistive touch screen	Yes				
SD Card	Yes				
Model number					
P10768J150C_N02	No Touch				
P10768J150C_T02	Resistive Touch				
P10768J150C_P02	Pcap Touch				
Packaging and physical dimensions					
Parameter	Data				
Dimensions	326.5(width) ×253.5(height) ×27.0(thickness with TP ) mm				
Net weight of single piece	2100g				
Weight of whole case	TBD				
Packing box size	460mm(L)×375mm(W)×480mm (H)				
Packing specification	8 pieces /box				



1. 单位: mm;  
2. 未注公差 ± 0.3mm;



引脚编号	引脚名称	引脚类型	说明
1, 2	VIN	P	电源输入/Power input
3	BISV	OUT	串口缓冲区满信号指示
4	DOUT	OUT	RS232/TTL数据输出, RS485-
5, 6	DIN	IN	RS232/TTL数据输入, RS485+
7, 8	GND	P	公共地/GND