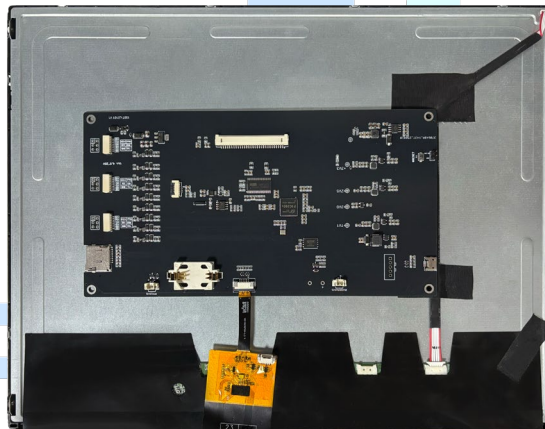


P10768_150X_L0101

15 Inches, 1024xRGBx768, 65K colors



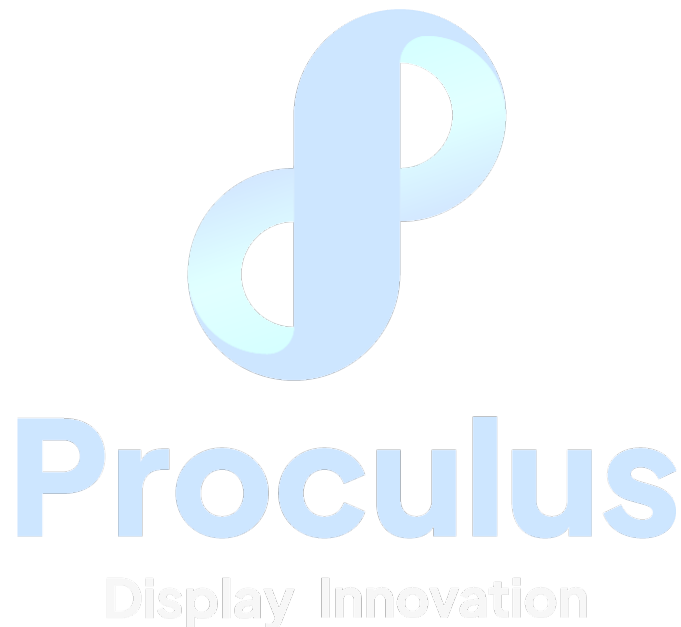
Display Innovation

Modification Record

Date	Content
2025/09/28	First release

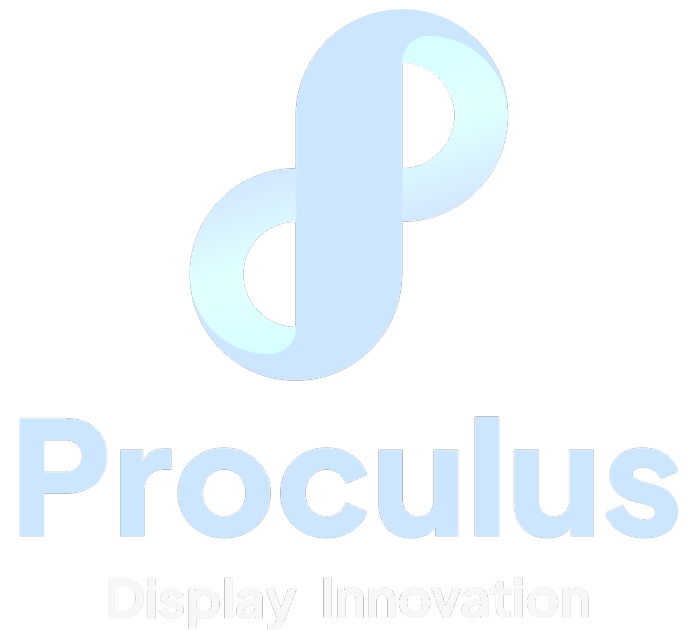
Features

- Support wide range of power supply: Default is 4.5~25V
- Support TTL/CMOS, the max baud rate is 3,125 Mbps;
- 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.

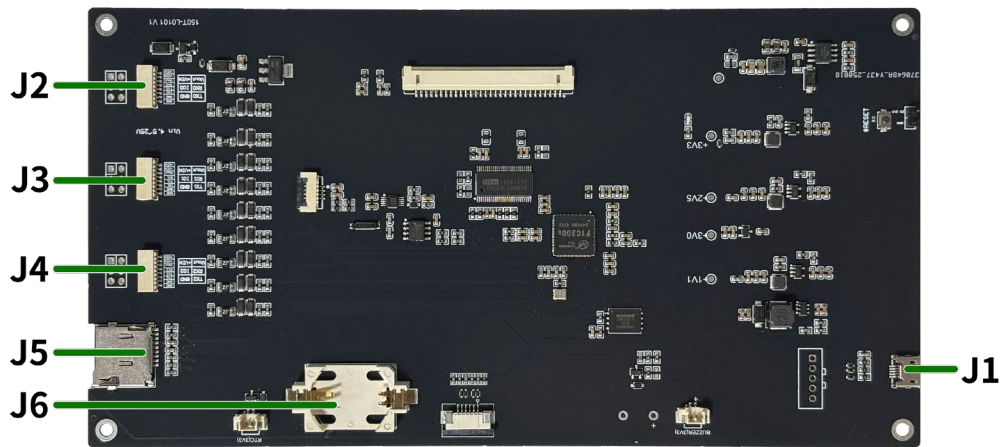


Display					
Color	65K (65536) colors, 16 bit color 5R6G5B				
Resolution	1024*768, 90° rotated display (768*1024)				
Brilliance	350 cd/m ²				
Active area (WxH)	304.1mm(width)×228.1mm(height)				
Backlight Type	LED				
Voltage & Current					
Item	Min.	Typ.	Max.	Unit	Notes
Power Voltage	4.5	12	25	V	Tolerates polarity reversal.
Output voltage for peripherals (Vout or 5V0)	-	5	-	V	-
Output Current for Peripherals (Iout)	-	-	25	mA	-
Output voltage (TX0, TX1, TX2)	-	3.3V	-	mA	High level
	-	0	0	mA	Low level
Input voltage (RX0, RX1, RX2)	-	3.3V	-	V	High level
	-	0	-	V	Low level
Interface					
Item	Condition	Min.	Typ.	Max.	Unit
Baud Rate	Standard	1200	—	312500	bps
Interface	TTL/CMOS				
Peripherals					
Touchscreen Panel	Resistive				
Buzzer	YES				
RTC	YES				
Audio	-				
Project Recording	SD Card and Serial Communication.				
Memory	128MB (total). Expandable via SD Card (FAT32) up to 32 GB.				
Other Info					
Working Temperature	-20°C~70°C				
Storage Temperature	-30°C~85°C				
Fixation	Drilling for M3 screw				
Carcass	Castless				

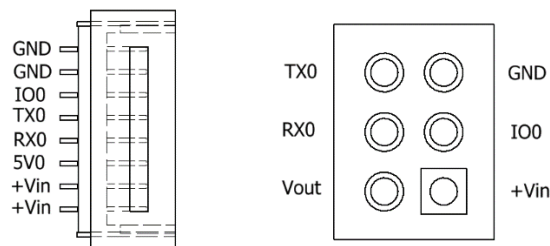
Model number	
P10768-150T-L0101	Resistive Touch
P10768-150P-L0101	Pcap Touch



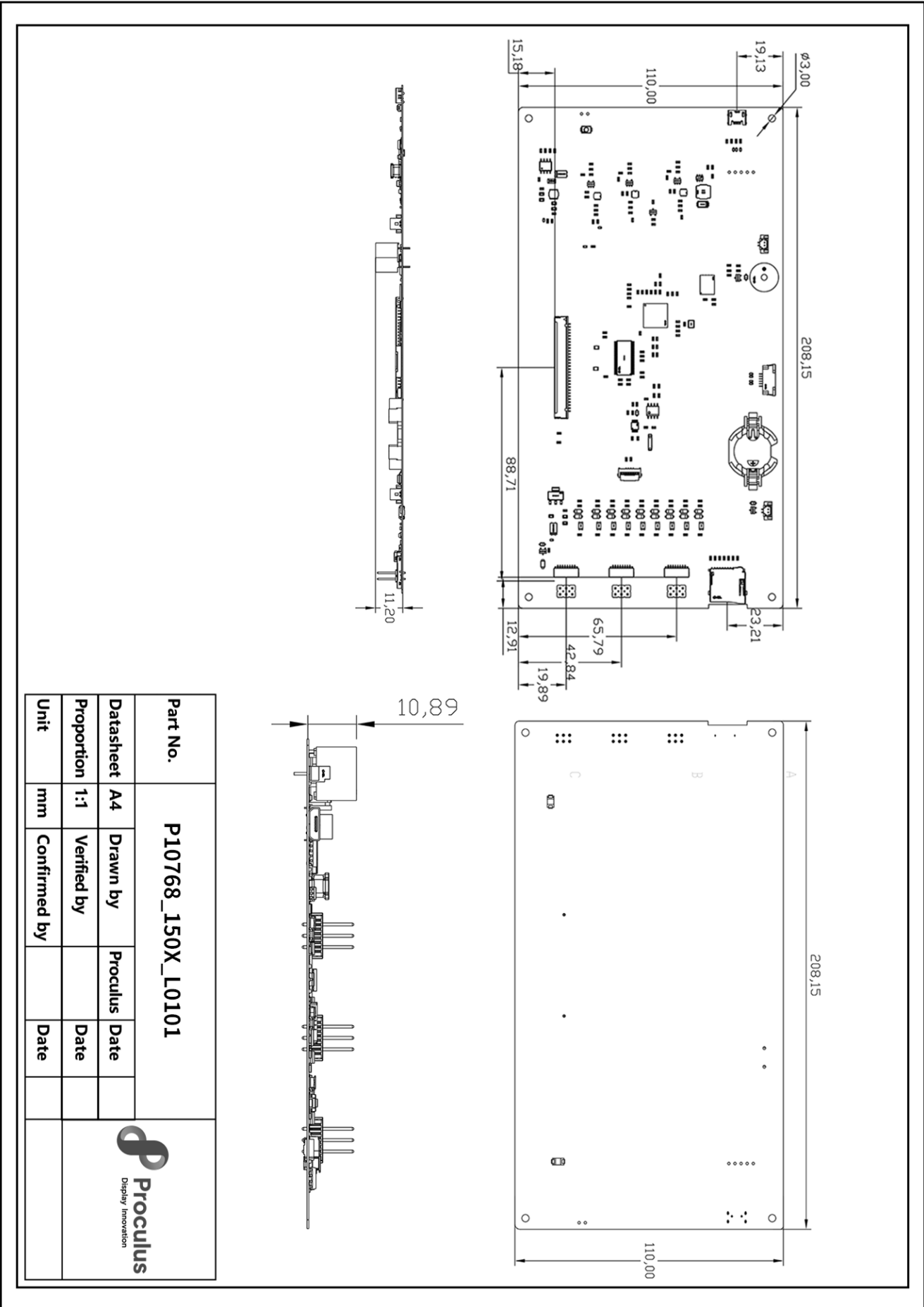
Interface Description



Item	Description
1	Reserved. Not to be used
2	UART0 Connector
3	UART1 Connector
4	UART2 Connector
5	SD Card Connector
6	RTC battery connector (3V3)



Pin	Description	Notes
+VIN	Supply Voltage	-
5V0	Output Voltage for Perirerics	For use on accessories only
RX0	UART0 Reception	-
TX0	UART0 Transmission	-
IO0	Reserved	Do Not Connect



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