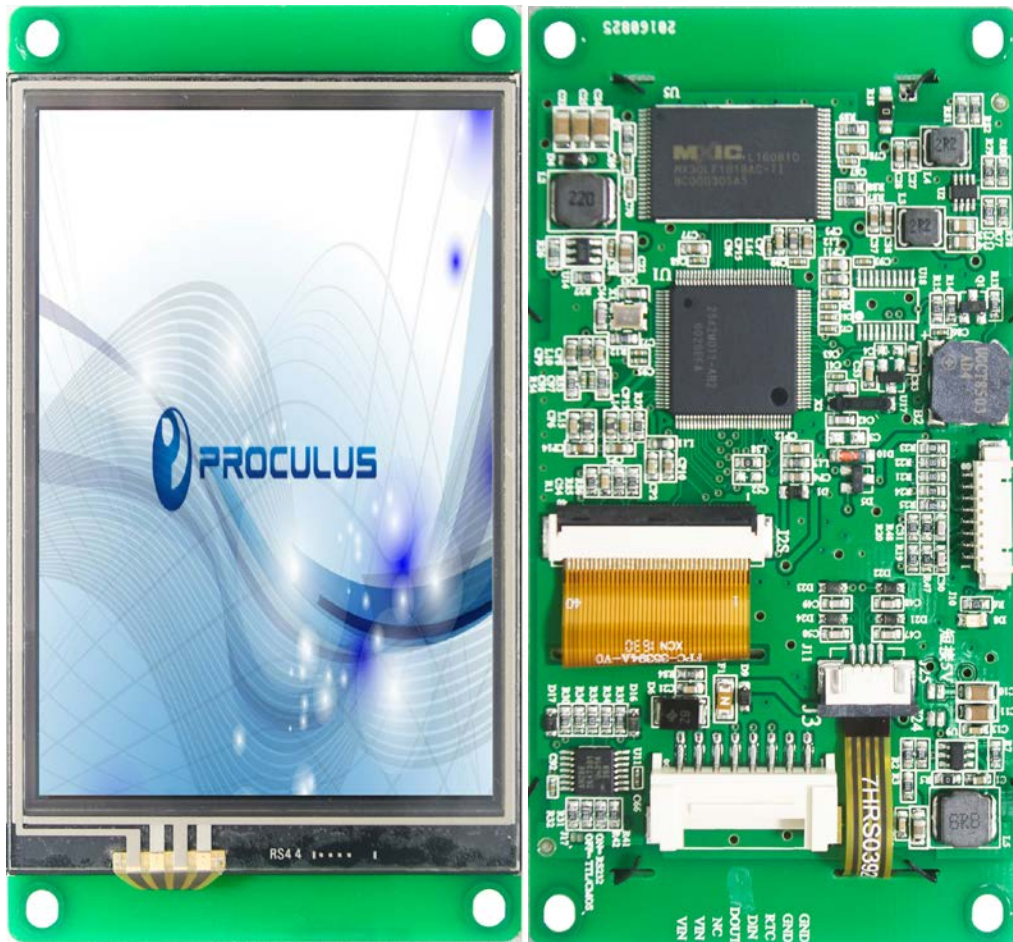


P32480V35C_T25

3.5 Inches, 320xRGBx480, 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	320*480	90° rotated display (480*320)
Backlight /Lifecycle/Brightness	LED/20,000 HOURS/ 300 cd/m ²	
Working Temperature	-20~+70°C/-30~+80°C	64 levels adjustment

● Voltage & Current

Item	Conditions	Min	Typ	Max	Unit
Power Voltage	-	6	12	15	V
Operation Current	VIN = 12V, Backlight on	-	100	-	mA
	VIN = 12V, Backlight off	-	60	-	mA

Note: Short-circuit J24/J25 to choose Power Input as 5V (3.4V~6V)

● Interface

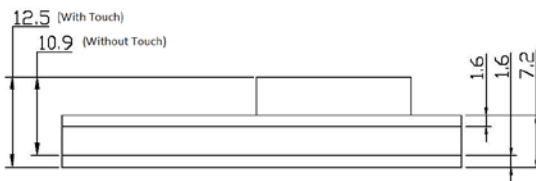
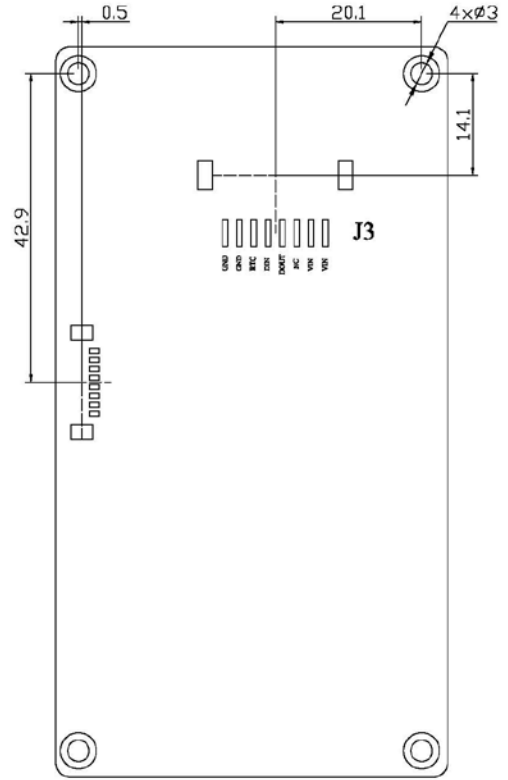
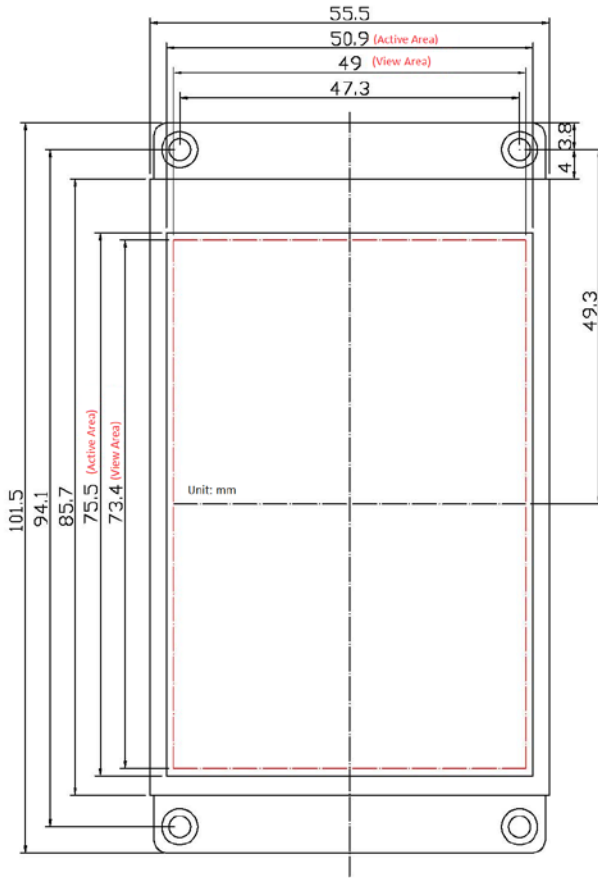
Item	Conditions	Min	Typ	Max	Unit
Baudrate	Standard	1200	115200	892900	bps
Interface	TTL/CMOS				
Data Format	1 byte for initial, 8 bytes for data, invalid bytes for checksum, 1 byte for end				
Socket	SMD2.0-8P with lock catch				

Note: Short-circuit J17 to choose RS232


● Peripherals

No.	Parameter	Description
1	Touch Screen	4-wire resistance touch screen: P32480V35C_T25
		No touch screen: P32480V35C_N25
2	Buzzer	YES
3	RTC	External battery
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.





Pin Name	Pin Definition	Remarks
VIN	7,8	POWER INPUT
GND	1,2	GND
RTC	3	RTC POWER
DIN	4	DIN
DOUT	5	DOUT
NC	6	Not Defined

Part No.	P32480V35C_T25				 PROCLUS TECHNOLOGIES INC.
Datasheet	A4	Drawn by	Proclus	Date	
Proportion	1:1	Verified by		Date	
Unit	mm	Confirmed by		Date	