

P10768V97I_T30

9.7 Inches, 1024xRGBx768, 65K Colors, UnicView LCM



● Display

Item	Parameter	Description
Color	65K (65536) colors	16 bit color 5R6G5B
Visual Angle L/R/U/D	70° /60° /70° /70°	
Resolution	1024*768	90° rotated display (768*1024)
Backlight /Lifecycle/Brightness	LED/20,000 HOURS/ 300 cd/m ²	
Working Temperature/ Storage Temperature	-20~+70°C/-30~+80°C	

● Voltage & Current

Item	Conditions	Min	Typ	Max	Unit
Power Voltage	-	6	12	35	V
Operation Current	VIN = 12V, Backlight on	-	270	-	mA
	VIN = 12V, Backlight off	-	110	-	mA

Note: Short-circuit J25 to choose Power Input as 5V (4.5V~5.5V)

● Interface

Item	Conditions	Min	Typ	Max	Unit
Baudrate	Standard	1200	115200	892900	bps
Interface	RS-232C				
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				

● Peripherals

No.	Parameter	Description
1	Touch Screen	4-wire resistance touch screen: P10768V97I_T30
		4-wire capacitive touch screen: P10768V97I_P30
		No touch screen: P10768V97I_N30
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	Audio	Support *.MP3 files. Theoretically 4096 file at maximum. Speaker power: 4 Ω 2W or 8 Ω 2W.
7	Keyboard	Support external row keyboard (8*8 maximum).
8	Memory	128M(support *.jpg files, maximum 65536 files theoretically), extended to 1G at maximum.



