

# P48272V43C\_T30

4.3 Inches, 480xRGBx272, 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	480*272	90° rotated display (272*480)
Backlight /Lifecycle/Brightness	LED/20,000 HOURS/ 400 cd/m <sup>2</sup>	
Working Temperature	-20~+70°C/-30~+80°C	64 levels adjustment
Static ESD	±10KV	

● Voltage & Current

Item	Conditions	Min	Typ	Max	Unit
Power Voltage	-	6	12	35	V
Operation Current	VIN = 12V, Backlight on	-	120	-	mA
	VIN = 24V, Backlight on	-	70	-	mA
	VIN = 12V, Backlight off	-	60	-	mA

Note: Short-circuit J24/J25 to choose Power Input as 5V (4.5V~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: P48272V43C_T30
		4-wire capacitive touch screen: P48272V43C_P30
		No touch screen: P48272V43C_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 Port	Support *.MP3 format. No time limit for single audio file. Theoretically 4096 audio files at maximum. Loudspeaker power: 8Ω 2W
7	Memory	128M(support *.jpg files, maximum 65536 files theoretically), extended to 1G at maximum.



