

# P80600V80C\_T07

8.0 Inches, 800xRGBx600, 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	800*600	90° rotated display (600*800)
Backlight /Lifecycle/Brightness	LED/20,000 HOURS/ 400 cd/m <sup>2</sup>	
Working Temperature	-20~+70°C/-30~+80°C	64 levels adjustment

- **Voltage & Current**

Item	Conditions	Min	Typ	Max	Unit
Power Voltage	-	3.4	5	6	V
Operation Current	VIN = 5V, Backlight on	-	570	-	mA
	VIN = 5V, Backlight off	-	180	-	mA

- **Interface**

Item	Conditions	Min	Typ	Max	Unit
Baudrate	Standard	1200	-	115200	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				

- **Peripherals**

No.	Parameter	Description	
1	Touch Screen	4-wire resistance touch screen: P80600V80C_T07	
		4-wire capacitive touch screen: P80600V80C_P07	
		No touch screen: P80600V80C_N07	
2	Buzzer	YES	
3	RTC	YES	
4	USB	YES. For downloading offline or user data copy.	External board needed for online debugging
5	USB Mini	YES. For online debugging.	
8	Memory	128M(support *.jpg files, maximum 65536 files theoretically), extended to 1G at maximum.	



