

DMT80600T104_05WN

DMT80600T104_05WT

10.4 Inches, 800xRGBx600, 65K Colors, DGUS LCM



Record of Revision

Revise Date	Content
2015-04-15	First Edition
2017-03-18	Update Version (Update Figure)
2018-05-17	Add instructions about brightness adjusting
2018-08-23	Modify dimensional drawing (Iron frame dimension)
2019-12-09	Modify Power Voltage

● Display

Item	Parameter	Description
Color	65K (65536) colors	16 bit color 5R6G5B
Active Area (A.A.)	211.2 mm (W) ×158.4 mm (H)	800 x 600
View Area (V.A.)	212.2 mm (W) ×159.4 mm (H)	800 x 600
Resolution	800 x 600	90° rotated display (600 x 800)
Backlight	LED	-
Brightness	400 nit (DMT80600T104_05WN)	64 levels adjustment(It's not recommend to set brightness to 1%~30% of the maximum,which may lead a flicker)
	320 nit (DMT80600T104_05WT)	

● Voltage & Current

Item	Conditions	Min	Typ.	Max	Unit
Power Voltage		6.0	12.0	15.0	V
Operation Current	VCC = +12V, Backlight on	-	400	-	mA
	VCC = +12V, Backlight off	-	130	-	mA

Recommended power supply: 12V 1A DC

● Reliability Test

Item	Conditions	Min	Typ.	Max	Unit
Working Temperature	60%RH at 12V voltage	-20	25	70	°C
Storage Temperature	-	-30	25	85	°C
Working Humidity	25°C	10%	60%	90%	RH
Protective Paint	-	-	None	-	-

● Interface

Item	Conditions	Min	Typ.	Max	Unit
Baudrate	Standard	1200	115200	921600	bps
	User Set	1200	-	1000000	bps
Output Voltage (TXD, BUSY)	Output 1, Iout = 1mA	3.0	3.2	-	V
	Output 0, Iout = -1mA	-	0.1	0.2	V
Input Voltage (RXD, I/O0)	Input 1, Iin = 1mA	2.0	3.3	15.0	V
	Input 0, Iin = -1mA	-15.0	0.0	0.3	V
Interface	Mode is determined by Jumper: ON = 8N1, 3.3V TTL/CMOS; OFF = 8N1, RS232				
Socket	8Pin_2.00mm with lock catch				
USB	None				
SD Slot	Yes (SD/SDHC, FAT32 file format)				

● Memory

Item	Parameter	Min	Typ.	Max	Unit
Flash	Space of Font	-	32	-	MB
	Picture Storage (256MB)	-	-	209	Pcs
	Picture Storage (1GB)	-	-	932	Pcs
RAM	Variable Storage Space	-	56	-	KB

● Peripherals

Peripherals Acquired	
Peripherals	DMT80600T104_05WN : RTC, Buzzer DMT80600T104_05WT : 4-wire resistance touchscreen, RTC, Buzzer

● Packing Capacity & Dimension

Dimension				
Dimension	247.8 (W) × 193.7 (H) × 15.6 (N) / 17.1 (T)mm			
Net Weight	580g (DMT80600T104_05WN)			
	700g (DMT80600T104_05WT)			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
Carton1	220mm(L)×160mm(W)×47mm(H)	None	None	None
Carton2	250mm(L)×200mm(W)×80mm(H)	None	None	None
Carton3	320mm(L)×270mm(W)×80mm(H)	2	1	2
Carton4	450mm(L)×350mm(W)×300mm(H)	1	10	10
Carton5	600mm(L)×450mm(W)×300mm(H)	1	20	20

Remark:There is no extra-notice if the product design changes that do not affect performance parameters and use

引脚名称	引脚定义	引脚类型	说明
GND	7, 8	P	公共接地/GND
DIN	5, 6	I	迪文屏串口输入DIN
DOU _T	4	0	迪文屏串口输出DOU _T
B _{ISY}	3	-	未定义/NOT Defined
VCC	1, 2	P	电源输入 /Power Input

1. 尺寸定位基准为定位孔
Location hole is used as position reference.
2. 未标注公差为 $\pm 0.3\text{mm}$
Unmarked Tolerance is $\pm 0.3\text{mm}$
注: 虚线标注为有效显示区域
Active area is marked in Dash lines

型号	图纸	图纸	日期	日期	日期
DMT80600T104_05WN	A 4	DMT80600T104_05WT			
比例	MM	审核	批准	日期	

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