

TFT DISPLAY SPECIFICATION



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MODULE NO.: WF104GTWAMLNB0

General Specifications

Item	Dimension	Unit
Size	10.4	inch
Dot Matrix	1024 x RGB x 768 (TFT)	dots
Module dimension	240.6 x 190.8 x 15.65	mm
Active area	210.432 x 157.824	mm
Pixel pitch	0.2055 X 0.2055	mm
LCD type	TFT, Normally Black, Transmissive	
Viewing Angle	80/80/80/80 min	
Aspect Ratio	4:3	
TFT Interface	LVDS	
Backlight Type	LED ,Normally White	
CTP IC	ILI2511 or Equivalent	
CTP Interface	USB	
CTP FW Version	6.0.0.0.0.0.3	
CTP Resolution	16384*16384	
Touch Panel	With Capacitive Touch Screen (CTP)	
Surface	Glare	

Absolute Maximum Ratings

Item	Symbol	Min	Typ	Max	Unit
Operating Temperature	TOP	-30	—	+80	°C
Storage Temperature	TST	-30	—	+80	°C

Electrical Characteristics

Operating conditions

Item	Symbol	Standard Value			Unit
		Min	Typ	Max	
Power voltage	V_{DD}	3.0	3.3	3.6	V
Supply CTP	USB_VDD 5V	4.4	5.0	5.5	V
	$I_{VDD\ 5V}$	—	95	145	mA
Input logic high voltage	V_{IH}	$0.7 V_{DD}$	-	V_{DD}	V
Input logic low voltage	V_{IL}	0	-	$0.3 V_{DD}$	V
Current for Power	I_{VDD}	-	385	424	mA

Interface

LCM PIN Definition (CON1)

Pin	Symbol	Function	Remark
1-2	VDD	Power supply: + 3.3V	
3-4	GND	Ground	
5	Link0-	0- LVDS differential data input	
6	Link0+	0+ LVDS differential data input	
7	GND	Ground	
8	Link1-	1- LVDS differential data input	
9	Link1+	1+ LVDS differential data input	
10	GND	Ground	
11	Link2-	2- LVDS differential data input	
12	Link2+	2+ LVDS differential data input	
13	GND	Ground	
14	CLKIN-	- LVDS differential clock input	
15	CLKIN+	+ LVDS differential clock input	
16	GND	Ground	
17	Link3-	3- LVDS differential data input	
18	Link3+	3+ LVDS differential data input	
19	MODE	Bit 6:High(6 Bit);Low(8 Bit)	
20	SC	Scan direction selector (Low: Normal ;High: Reverse)	

Contour Drawing

