

# TFT DISPLAY SPECIFICATION



**WINSTAR Display Co.,Ltd.**  
**華凌光電股份有限公司**



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### SPECIFICATION

**MODULE NO.: WF104GTWAMLNNO**

### General Specifications

Item	Dimension	Unit
Size	10.4	inch
Dot Matrix	1024 x RGB x 768 (TFT)	dots
Module dimension	230 x 180.2 x 12.4	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	
Touch Panel	Without Touch Panel	
Surface	Anti-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
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
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

