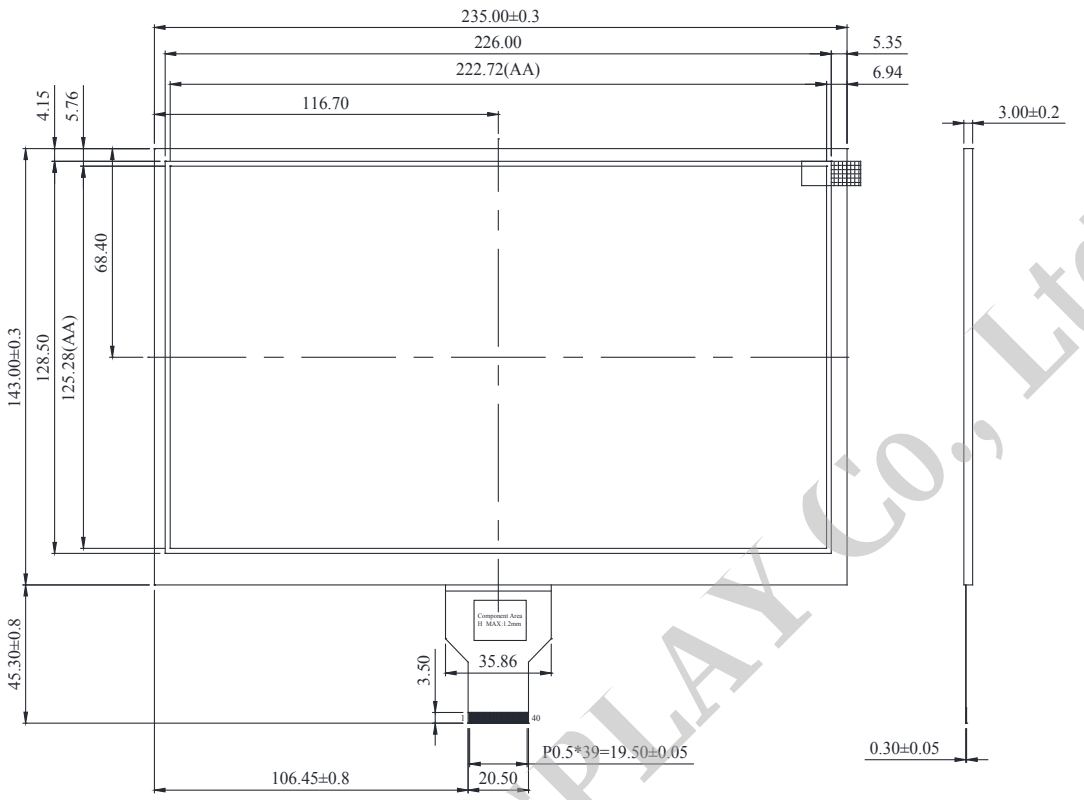
WF101A TFT Graphic 1024x600 dots



Feature

1. 10.1 inches Color TFT
2. Dot Matrix: 1024xRGBx600
3. View Direction: 12 o'clock
4. Gray Scale Inversion Direction: 6 o'clock
5. +3.3V power supply of VCC
6. Interface : LVDS

Pin No.	Symbol	function
1	VCOM	Common voltage
2~3	VDD	Digital power
4	NC	Not connect
5	RESET	Global reset pin. Active low to enter reset state. Suggest to connecting with an RC reset circuit for stability. Normally pull high. (R=10KΩ，C=1μ
6	STBYB	Standby mode, normally pull high STBYB="1", normal operation STBYB="0",timing control, source driver will turn off, all output are high-Z
7	GND	Digital ground
8	NIND0	Negative LVDS differential data inputs
9	PIND0	Positive LVDS differential data inputs
10	GND	Digital ground
11	NIND1	Negative LVDS differential data inputs
12	PIND1	Positive LVDS differential data inputs
13	GND	Digital ground
14	NIND2	Negative LVDS differential data inputs
15	PIND2	Positive LVDS differential data inputs
16	GND	Digital ground
17	NINC	Negative LVDS differential clock inputs
18	PINC	Positive LVDS differential clock inputs
19	GND	Digital ground
20	NIND3	Negative LVDS differential data inputs
21	PIND3	Positive LVDS differential data inputs
22	GND	Digital ground
23~24	NC	Not connect
25	GND	Digital ground
26~27	NC	Not connect
28	SELB	6-bit/8-bit input select SELB = L , 8-bit ; SELB = H , 6-bit
29	AVDD	Analog power
30	GND	Digital ground
31~32	VLED-	LED Cathode
33	SHLR	Left or right display control
34	UPDN	Up / down display control
35	VGL	Negative power for TFT
36~37	NC	Not connect
38	VGH	Positive power for TFT
39~40	VLED+	LED Anode

Mechanical Data

Item	Standard Value	Unit
Module Dimension	235.0 x 143.0	mm
Viewing Area	226.0 x 128.5	mm
Active Area	222.72 x 125.28	mm
Dot Pitch	0.2175 x 0.2088	mm

Electrical Characteristics (Operationg conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VDD	3	3.3	3.6	V
Supply Current	---	---	---	---	mA

Electrical Characteristics (B/L driving conditions)

Parameter	Symbol	Min	Typ	Max	Unit
LED Voltage	VBL+	8.4	9.6	10.8	V
LED Current	---	135	140	150	mA