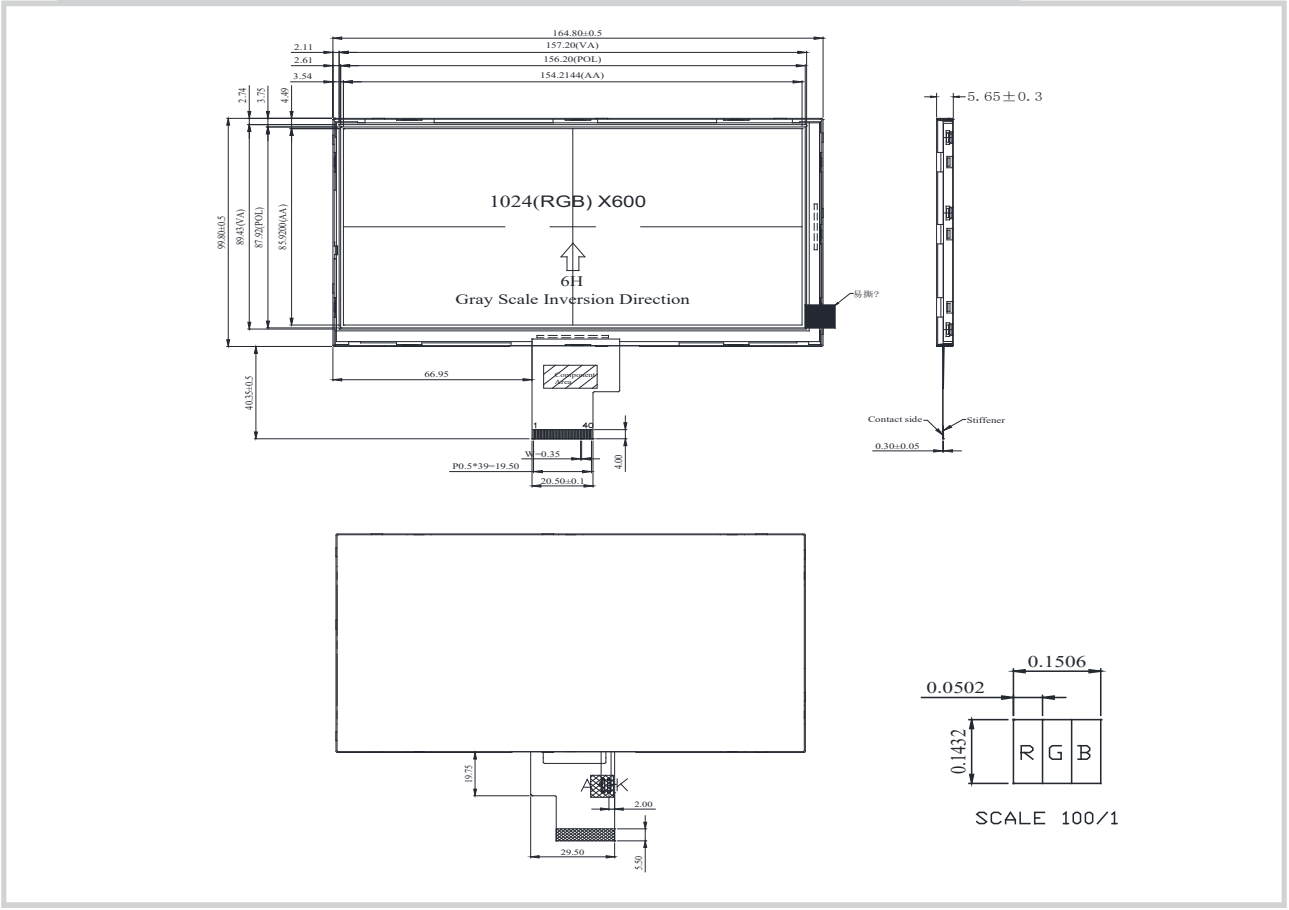
NTF70B TFT Graphic 1024x600 dots



Feature

1. 7 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. Touch panel: CTP option
7. Interface : LVDS

Pin No.	Symbol	Function
1	VCOM	Common Voltage
2~3	VDD	Digital circuit
4	NC	No connection
5	Reset	Global reset pin
6	STBYB	Standby mode, Normally pulled high STBYB = "1", normal operation STBYB = "0", timing controller, source driver will turn off, all output are High-Z
7	GND	Ground
8	RXIN0-	Negative LVDS differential data input
9	RXIN0+	Positive LVDS differential data input
10	GND	Ground
11	RXIN1-	Negative LVDS differential data input
12	RXIN1+	Positive LVDS differential data input
13	GND	Ground
14	RXIN2-	Negative LVDS differential data input
15	RXIN2+	Positive LVDS differential data input
16	GND	Ground
17	RXCLKIN-	Negative LVDS differential clock input
18	RXCLKIN+	Positive LVDS differential clock input
19	GND	Ground
20	RXIN3-	Negative LVDS differential data input
21	RXIN3+	Positive LVDS differential data input
22	GND	Ground
23~24	NC	No connection
25	GND	Ground
26	NC	No connection
27	DIMO	Backlight CABC controller signal output
28	SELB	6bit/8bit mode select H:6bit / L:8bit
29	AVDD	Power for Analog Circuit
30	GND	Ground
31~32	LED-	LED Cathode
33	L/R	Horizontal inversion
34	U/D	Vertical inversion
35	VGL	Negative power for TFT
36~37	GND	Ground
38	VGH	Positive power for TFT
39~40	LED+	LED Anode

Mechanical Data

Item	Standard Value	Unit
Module Dimension	164.8 x 99.8	mm
Viewing Area	157.2 x 89.43	mm
Active Area	154.2114 x 85.92	mm
Dot Pitch	0.1506 x 0.1432	mm

Electrical Characteristics (Operationg conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VDD	3	3.3	3.6	V
Supply Current	IDD	---	10	---	mA

Electrical Characteristics (B/L driving conditions)

Parameter	Symbol	Min	Typ	Max	Unit
LED Voltage	VLED+	8.4	9.8	10.8	V
LED Current	ILED	---	300	---	mA