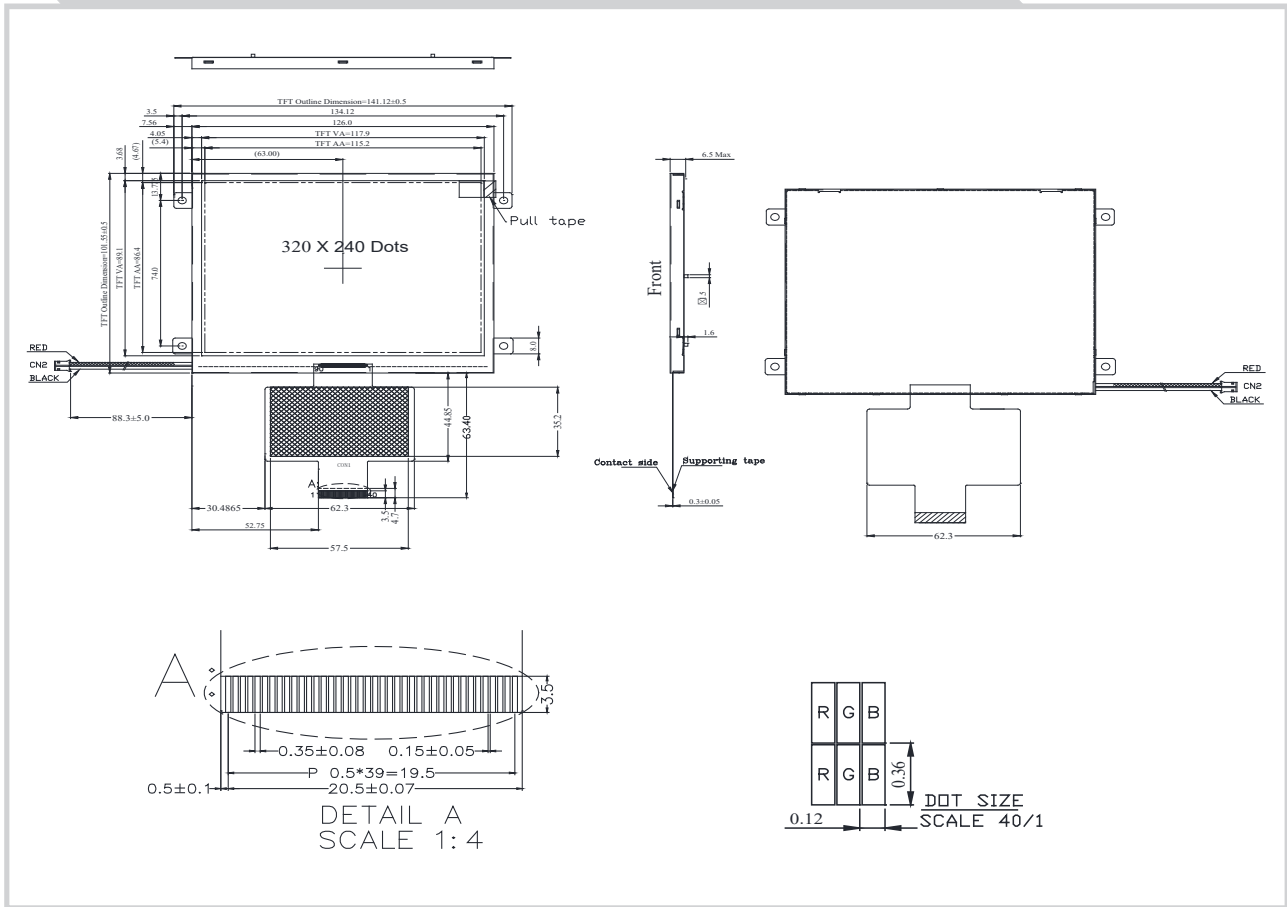


NTF57Y TFT Graphic 320x240 dots



Feature

1. 5.7 inches Color TFT
2. Dot Matrix: 320xRGBx240
3. View Direction: 12 o'clock
4. Gray Scale Inversion Direction: 6 o'clock
5. +3.3V power supply of VCC
6. Touch Panel: RTP/CTP option
7. Interface : RGB 888(DE,SYNC)

Pin	Symbol	Function
1~2	NC	No connection
3	GND	System ground pin of the IC. Connect to system ground.
4	VCC	Power Supply
5	R0	Red Data bit(LSB)
6~11	R1~6	Red Data bit
12	R7	Red Data bit (MSB)
13	G0	Green Data bit(LSB)
14~19	G1~6	Green Data bit
20	G7	Green Data bit (MSB)
21	B0	Blue Data bit(LSB)
22~27	B1~6	Blue Data bit
28	B7	Blue Data bit (MSB)
29	GND	System ground pin of the IC. Connect to system ground.
30	CLK	Dot data clock
31	L/R	Right /Left selection; Default R/Lis
32	Hsync	Horizontal sync signal
33	Vsync	Vertical sync signal
34	DE	Data Enable signal
35	U/D	Up/down selection; Default U/D is Pull Low 10KΩ on FPC
36	RESET	Hardware reset
37~40	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Module Dimension	141.12 x 101.55	mm
Viewing Area	117.9 x 89.1	mm
Active Area	115.2 x 86.4	mm
Dot Pitch	0.12 x 0.36	mm

Electrical Characteristics (Operating conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VCC	---	3.0	3.3	V
Supply Current	Icc	---	---	140	mA

Electrical Characteristics (B/L driving conditions)

Parameter	Symbol	Min	Typ	Max	Unit
LED Voltage	VBL+	9.0	---	10.5	V
LED Current	IL	---	140	---	mA