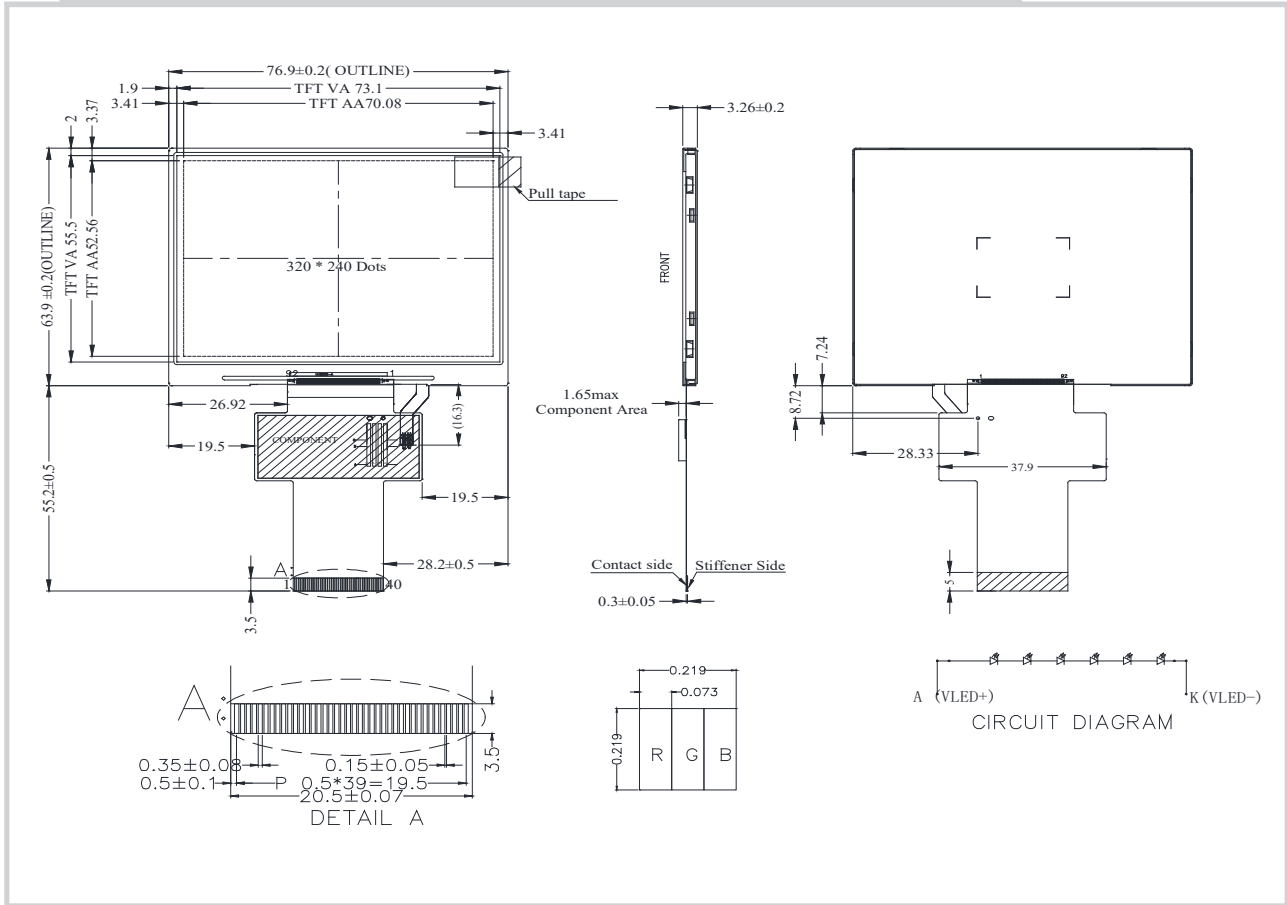


# NTF35Y TFT Graphic 320x240 dots



## Feature

1. 3.5 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: CTP / RTP option
7. Interface: RGB 888 (DE, SYNC)

Pin	Symbol	Function
1	VLED-	Power for LED backlight cathode
2	VLED+	Power for LED backlight anode
3	DGND	System ground pin of the IC. Connect to system ground.
4	VCC	Power Supply
5	R0	Red Data bit(LSB)
6~11	R1~R6	Red Data bit
12	R7	Red Data bit (MSB)
13	G0	Green Data bit(LSB)
14~19	G1~G6	Green Data bit
20	G7	Green Data bit (MSB)
21	B0	Blue Data bit(LSB)
22~27	B1~B6	Blue Data bit
28	B7	Blue Data bit (MSB)
29	AVSS	Grounding for analog circuit Connect to system ground
30	CLK	Dot-clock signal and oscillator source
31	NC	No connect
32	HSYNC	Horizontal sync signal
33	VSYNC	Vertical sync signal
34	DE	Data Enable signal
35	NC	No connect
36	RESET	Hardware reset
37~40	NC	No connect

## Mechanical Data

Item	Standard Value	Unit
Module Dimension	76.9 x 63.9	mm
Viewing Area	73.1 x 55.5	mm
Active Area	70.08 x 52.56	mm
Dot Pitch	0.073 x 0.219	mm

## Electrical Characteristics (Operating conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VCC	3	3.3	3.6	V
Supply Current	ICC	---	12	18	mA

## Electrical Characteristics (B/L driving conditions)

Parameter	Symbol	Min	Typ	Max	Unit
LED Voltage	VLED+	17.4	19.2	20.4	V
LED Current	ILED	---	20	---	mA