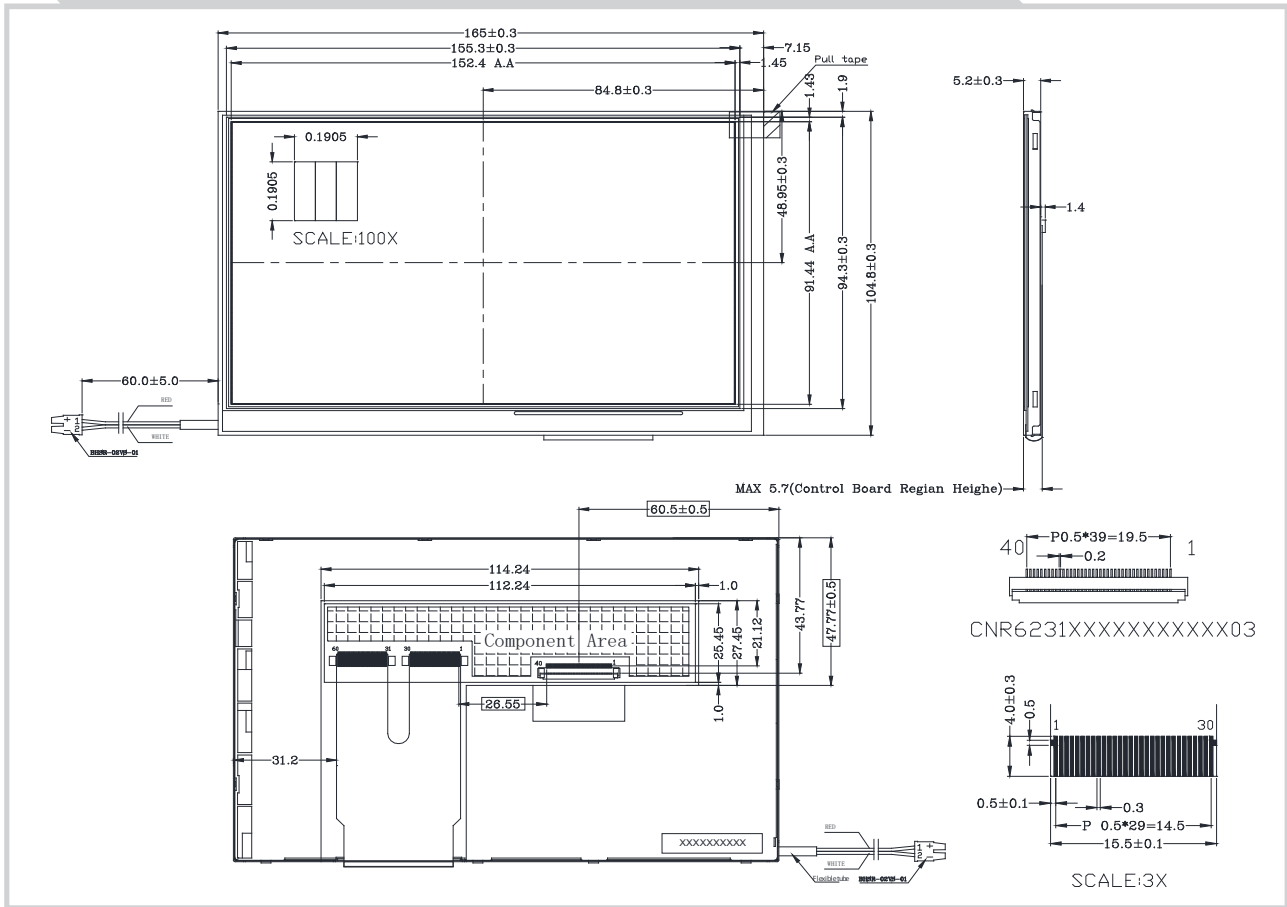


NTF70H TFT Graphic 800x480 dots



Feature

1. 7 inches Color TFT
2. Dot Matrix: 800xRGBx480
3. View Direction: 12 o'clock
4. Gray Scale Inversion Direction: 6 o'clock
5. 3.3V power supply of VCC
6. Option Control-board/Frame/RTP/CTP
7. Interface: RGB 666(Only DE)

Pin No	Symbol	function
1-2	GND	Power ground
3	NC	Not connect
4-7	VCC	Power supply for Digital Circuit
8	NC	Not connect
9	DE	Data enable signal
10-12	GND	Power ground
13	B5	Blue Data 5 (MSB)
14	B4	Blue Data 4
15	B3	Blue Data 3
16	GND	Power ground
17	B2	Blue Data 2
18	B1	Blue Data 1
19	B0	Blue Data 0 (LSB)
20	GND	Power ground
21	G5	Green Data 5 (MSB)
22	G4	Green Data 4
23	G3	Green Data 3
24	GND	Power ground
25	G2	Green Data 2
26	G1	Green Data 1
27	G0	Green Data 0 (LSB)
28	GND	Power ground
29	R5	Red Data 5 (MSB)
30	R4	Red Data 4
31	R3	Red Data 3
32	GND	Power ground
33	R2	Red Data 2
34	R1	Red Data 1
35	R0	Red Data 0 (LSB)
36-37	GND	Power ground
38	DCLK	Clock Signals; Latch Data at the falling edge
39-40	GND	Power ground

Mechanical Data

Item	Standard Value	Unit
Module Dimension	165.0 x 104.8	mm
Viewing Area	155.3 x 94.3	mm
Active Area	152.4 x 91.44	mm
Dot Pitch	0.0635 x 0.1905	mm

Electrical Characteristics (Operating conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VCC	3	3.3	3.6	V
Supply Current	ICC	---	200	260	mA

Electrical Characteristics (B/L driving conditions)

Parameter	Symbol	Min	Typ	Max	Unit
LED Voltage	VBL+	---	9.9	---	V
LED Current	IL	---	160	---	mA