



No.	PIN NAME
1	VDD(CTP)
2	GND(CTP)
3	INT(CTP)
4	SCL(CTP)
5	SDA(CTP)
6	RESET(CTP)

NO.	SYMBOL
Right	Pin Assignment
1	VLED-
2	VLED+
3	GND
4	VDD
5	RO
6	R1
7	R2
8	R3
9	R4
10	R5
11	R6
12	R7
13	G0
14	G1
15	G2
16	G3
17	G4
18	G5
19	G6
20	G7
21	B0
22	B1
23	B2
24	B3
25	B4
26	B5
27	B6
28	B7
29	GND
30	PCLK
31	DISP
32	HSYNC
33	VSNC
34	DE
35	NC
36	GND
37	NC
38	NC
39	NC
40	NC

General specification

Item	specifications	Unit
Active screen size	3.5 inch Diagonal	-
Display resolution	320x RGB x 240	pixel
Module size (W x H x T)	76.9 ×63.9 ×4.23	mm
Active area (W x H)	70.08x52.56	mm
Pixel pitch (W×H)	0.219 x 0.219	mm
Interface	RGB	-
Module weight	TBD±10%	g
Our components and processes are compliant to RoHS standard.		

Item	specifications
LCD type	a-Si TFT
LCD mode	Normally black
Polarizer mode	Transmissive
Pixel arrangement	RGB-stripe
Backlight type	LED
Viewing direction(Gray inversion)	ALL

Interface pin

Pin No.	Symbol	Function
1	VLED-	Cathode of Backlight
2	VLED+	Anode of Backlight
3	GND	Ground
4	VDD	Supply voltage to the analog circuit.(+3.3V)
5	R0	8 Bit data bus display red data
6	R1	8 Bit data bus display red data
7	R2	8 Bit data bus display red data
8	R3	8 Bit data bus display red data
9	R4	8 Bit data bus display red data
10	R5	8 Bit data bus display red data
11	R6	8 Bit data bus display red data
12	R7	8 Bit data bus display red data
13	G0	8 bit data bus display green data
14	G1	8 bit data bus display green data
15	G2	8 bit data bus display green data
16	G3	8 bit data bus display green data
17	G4	8 bit data bus display green data
18	G5	8 bit data bus display green data
19	G6	8 bit data bus display green data
20	G7	8 bit data bus display green data
21	B0	8 bit data bus display blue data
22	B1	8 bit data bus display blue data
23	B2	8 bit data bus display blue data
24	B3	8 bit data bus display blue data
25	B4	8 bit data bus display blue data
26	B5	8 bit data bus display blue data
27	B6	8 bit data bus display blue data
28	B7	8 bit data bus display blue data
29	GND	Ground
30	PCLK	Pixel clock input pin
31	DISP	DISP sets the display mode ; DISP=0 : Standby mode ; DISP=1 : Normal display mode
32	HSYNC	Horizontal sync signal, default is negative polarity
33	VSYNC	Vertical sync signal, default is negative polarity
34	DE	Data input enable. Display access is enabled when DE is "H".
35	NC	Not Connected
36	GND	Ground
37	NC	Not Connected
38	NC	Not Connected
39	NC	Not Connected
40	NC	Not Connected