

General specification

Item	specifications	Unit
Active screen size	5 inch Diagonal	-
Display resolution	800x RGB x480	pixel
Module size (W x H x T)	120.7×76.3 ×5.6	mm
Active area (W x H)	108.0x64.8	mm
Pixel pitch (W×H)	0.135x 0.135	mm
Interface	RGB -24BIT	-
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+	Anode of Backlight
2	VLED+	Anode of Backlight
3	VLED-	Cathode of Backlight
4	VLED-	Cathode of Backlight
5	GND	Power ground
6	VCOM(NC)	Common voltage(Leave it open)
7	DVDD	Power for Digital Circuit
8	MODE(NC)	DE/SYNC mode select(Leave it open)
9	DE	Data Input Enable
10	VS	Vertical Sync Input
11	HS	Horizontal sync input
12	B7	Blue data(MSB)
13	B6	Blue data
14	B5	Blue data
15	B4	Blue data
16	B3	Blue data
17	B2	Blue data
18	B1	Blue data
19	B0	Blue data(LSB)
20	G7	Green data(MSB)
21	G6	Green data
22	G5	Green data
23	G4	Green data
24	G3	Green data
25	G2	Green data
26	G1	Green data
27	G0	Green data(LSB)
28	R7	Red data(MSB)
29	R6	Red data
30	R5	Red data
31	R4	Red data
32	R3	Red data
33	R2	Red data
34	R1	Red data
35	R0	Red data(LSB)
36	GND	Power Ground
37	DCLK	Sample clock
38	GND	Power Ground
39	L/R	Left / right selection

40	U/D	Up/down selection
41	VGH(NC)	Gate ON Voltage(Leave it open)
42	VGH(NC)	Gate OFF Voltage(Leave it open)
43	AVDD(NC)	Power for Analog Circuit(Leave it open)
44	RESET	Global reset pin.
45	NC	No connection
46	VCOM(NC)	Common Voltage(Leave it open)
47	DITHB(NC)	Dithering function(Leave it open)
48	GND	Power Ground
49	NC	No connection
50	NC	No connection