

General specification

Item	specifications	Unit
Active screen size	10.1 inch Diagonal	-
Display resolution	1280 x RGB x 800	pixel
Module size (W x H x T)	229.46×149.4×2.60(Include PCB)	mm
Active area (W x H)	216.96 × 135.6	mm
Pixel pitch (W×H)	0.1695 x 0.1695	mm
Interface	LVDS	-
Module weight	TBD±10%	g
Our components and processes are compliant to RoHS standard.		

Item	specifications
LCD type	a-Si TFT
LCD mode	IPS / Normal Black
Polarizer mode	Transmissive
Pixel arrangement	RGB-stripe
Backlight type	LED
Viewing direction(Gray inversion)	80/80/80/80

Interface pin

LCD Pin Description

Pin No.	Symbol	Function
1	NC	No
2-3	VDD	Power supply
4-6	NC	No connection
7	GND	System power ground.
8	RXIN0-	-LVDS Differential Data Input
9	RXIN0+	+LVDS Differential Data Input
10	GND	System power ground.
11	RXIN1-	-LVDS Differential Data Input
12	RXIN1+	+LVDS Differential Data Input
13	GND	System power ground.
14	RXIN2-	-LVDS Differential Data Input
15	RXIN2+	+LVDS Differential Data Input
16	GND	System power ground.
17	LVDS_CLK-	-LVDS Differential Data Input
18	LVDS_CLK+	+LVDS Differential Data Input
19	GND	System power ground.
20	RXIN3-	-LVDS Differential Data Input
21	RXIN3+	+LVDS Differential Data Input
22	GND	System power ground.
23-24	NC	No connection
25	GND	System power ground.
26	NC	No connection
27	NC	No
28	NC	No connection
29	AVDD	Power for Analog Circuit
30	GND	System power ground.
31-32	LED-	LED Cathode
33-34	NC	No connection
35	VGL	Gate OFF Voltage
36-37	NC	No connection
38	VGH	Gate ON Voltage
39-40	LED+	LED Adode