

General specification

Item	specifications	Unit
Active screen size	2.96 inch Diagonal	-
Display resolution	360 (RGB) * 640	pixel
Module size (W x H x T)	41.8 × 73.97 × 2.2	mm
Active area (W x H)	36.72 x 65.28	mm
Pixel pitch (W×H)	0.102 x 0.102	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	LED_K	Power supply for LED cathode input
2	LED_A	Power supply for LED anode input
3	GND	Ground
4	VCC	Power supply
5~13	GND	Ground
14	VS	Frame synchronizing signal for RGB interface operation
15	HS	Line synchronizing signal for RGB interface operation
16	PCLK	Dot clock signal for RGB interface operation
17	DE	Data enable signal for RGB interface operation
18~22	B0~B4	Blue data
23~28	G0~G5	Green data
29~33	R0~R4	Red data
34	RESET	The external reset input
35	CS	A chip select signal
36	SCL	Serial clock input for SPI interface
37	SDA	Serial data input pin for SPI interface
38	IOVCC	Power supply for I/O system
39	GND	Ground
40	IOVCC	Power supply for I/O system