



Parameter	Specification	Unit	Pin No.	Symbol	I/O	Description
LCD size	5.0(Diagonal)	inch	1	VLEDK	P	Power for LED backlight (Cathode)
Resolution Ratio	800(H)×480(V)	pixels	2	VLEDA	P	Power for LED backlight (Anode)
Pixel Pitch	0.135(H)×0.135(V)	mm	3	GND	P	Power ground.
Active Area	108.0(H)×64.8(V)	mm	4	VDD	P	Power for Digital Circuit
Module Size	120.7(W)×75.8(H)×2.8(D)	mm	5-12	R0-R7	I	Red data bit.
Display Mode	Normally Black, Transmissive		13-20	G0-G7	I	Green data bit.
Interface	RGB 24-bit		21-28	B0-B7	I	Blue data bit.
Pixel Arrangement	RGB-Vertical Stripe		29	GND	P	Ground.
View Direction	ALL	O'clock	30	DCLK	I	Clock input pin.
Power Supply	3.3	V	31	DISP	I	DISP sets the display mode. L Standby mode H Normal display mode
Power Consumption	LCD: 0.27(Typ.) Backlight: 0.74(Typ.)	W	32	HSYNC	I	Horizontal sync input.
Weight	50(Typ.)	g	33	VSYSN	I	Vertical sync input.
Luminance	500(Typ.)	cd/m ²	34	DE	I	Data enable signal input.
Driver IC	ST7262		35	NC	-	No connection
Operating Temperature	-20~+70	°C	36	GND	P	Ground.
Storage Temperature	-30~+80	°C	37	XR(NC)	-	No connection(Touch panel Right Glass Terminal)
			38	YD(NC)	-	No connection(Touch panel Bottom Film Terminal)
			39	XL(NC)	-	No connection(Touch panel Left Glass Terminal)
			40	YU(NC)	-	No connection(Touch panel Top Film Terminal)

Parameter	Symbol	Min.	Typ.	Max.	Unit
Power Supply Voltage	VDD	3.1	3.3	3.6	V
Power Supply Current	IDD		81.6	-	mA
Logic-High Input Voltage	VIH	0.7VDD	-	VDD	V
Logic-Low Input Voltage	VIL	GND	-	0.3VDD	V

Parameter	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	VF	17.2	18.5	19.8	V
Forward Current	If	-	40	-	mA
Power Consumption	Wbl	-	0.74	-	W
LED Lifetime	-	20000	30000	-	Hrs