

1.3inch OLED, SPI/I2C interfaces, straight/vertical pinheader



Key Parameters

Driver Chip	SH1106
Interface	3-wire SPI, 4-wire SPI, I2C
Resolution	128*64
Display Size	1.3inch
Colors	Blue
Visible Angle	>160°
Dimension	40.50mm*37.50mm
Operating Temp. (°C)	-30~70
Storage Temp. (°C)	-30~80

Interface

PIN NO.	SYMBOL	DESCRIPTION
1	VCC	Power positive (3.3~5V power input)
2	GND	Ground
3	NC	NC
4	DIN	Data input
5	CLK	Clock signal input
6	CS	Chip selection, low active
7	D/C	Command signal, low level for command, high level for data
8	RES	Reset signal, low active

Hardware Config

Mode/Interface	BS0/BS1	DIN	SCK
3-wire SPI	1/0	MOSI	SCLK
4-wire SPI	0/0		
I2C	0/1	SDA	SCL

Ordering Info

The 1.3inch OLED provides 2 options for the onboard pinheader:

- 1.3inch OLED (A): curved/horizontal pinheader
 - 1.3inch OLED (B): straight/vertical pinheader
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Downloads

Development resources: demo codes, schematic, datasheets, etc.

Wiki: [www.waveshare.com/wiki/1.3inch_OLED_\(B\)](http://www.waveshare.com/wiki/1.3inch_OLED_(B))