

Part number list

WO12864D2-□□□-□□#

Feature

1. Built-in controller ST7565P
2. Built-in voltage booster
3. +3.0V single power supply
4. 6800 / 8080 / SPI interface

Pin Assignment

Pin No.	Symbol	Description
1	/CS1	This is the chip select signal
2	/RES	Reset input
3	A0	H: Instruction code, L: Data code
4	/WR	/WR or R/W
5	/RD	/RD or E
6-13	D0-D7	Data bus line
14	VDD	Power supply Voltage
15	VSS	Ground
16	VOOUT	DC/DC voltage converter
17	CAP5+	DC/DC voltage converter
18	CAP3+	DC/DC voltage converter
19	CAP1-	DC/DC voltage converter
20	CAP1+	DC/DC voltage converter
21	CAP2+	DC/DC voltage converter
22	CAP2-	DC/DC voltage converter
23	CAP4+	DC/DC voltage converter
24	VRS	Externally-input VREG power supply for the LCD power supply voltage regulator
25-29	V4-V0	Bias voltage levels for LCD driving
30	VR	Output voltage regulator terminal
31	C86	This is the MPU interface selection pin
32	P/S	Interface selection
33	/HPM	Power control terminal
34	IRS	Selects the resistors for voltage level adjustment

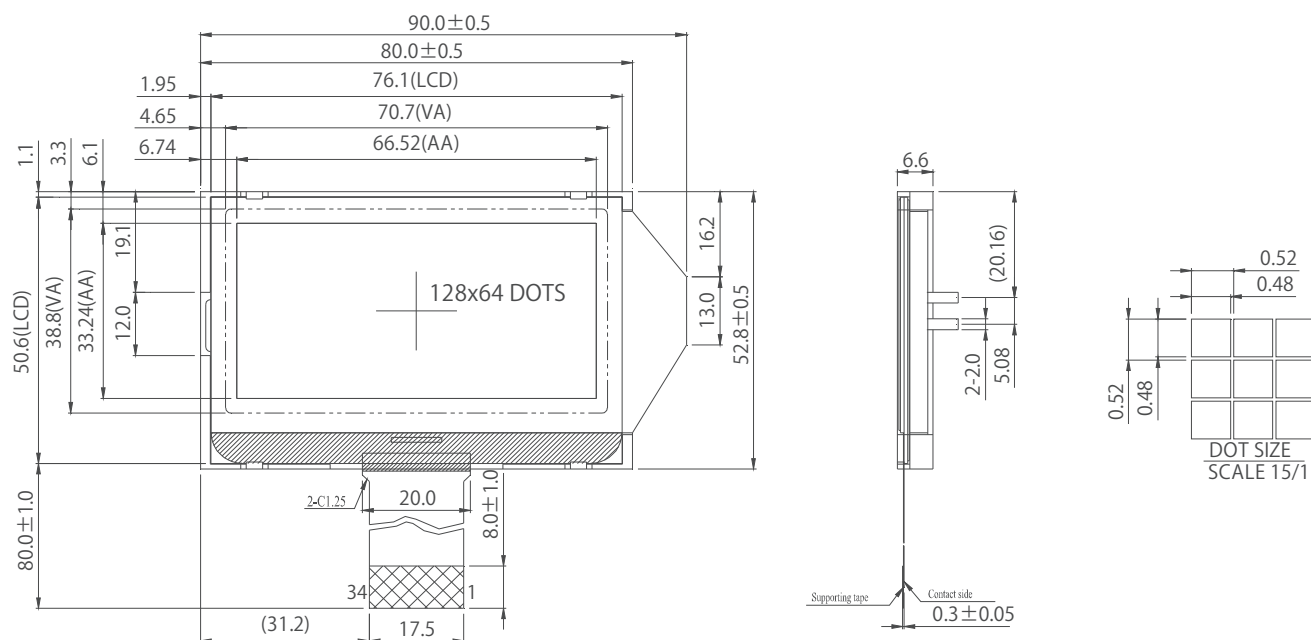
Mechanical Data

Item	Standard Value	Unit
Module Dimension	90.0 x 52.8	mm
Active Area	66.52 x 33.24	mm
Dot Pitch	0.52 x 0.52	mm
Dot Size	0.48 x 0.48	mm

Electrical Characteristics

Item	Symbol	Standard Value typ.	Unit
Input Voltage	VDD	3.0	V

Mechanical Drawing



The non-specified tolerance of dimension is ±0.3mm.