WINSTAR Display

OLED SPECIFICATION

Model No:

WWOLEDUSBDEMO-158#

Represented by:

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SPECIFICATION Version: A

CUSTOMER :	
MODULE NO. :	**WWOLEDUSBDEMO-158#**

APPROVED BY: **(FOR CUSTOMER USE ONLY)**	

SALES BY	APPROVED BY	CHECKED BY	PREPARED BY
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RELEASE DATE:			

■APPROVAL FOR SPECIFICATIONS ONLY

□APPROVAL FOR SPECIFICATIONS AND SAMPLE

MODEL NO：

RECORDS OF REVISION			DOC. FIRST ISSUE
VERSION	DATE	REVISED PAGE NO.	SUMMARY
0	2020/10/12		First release
A	2020/12/15		Modify Module model

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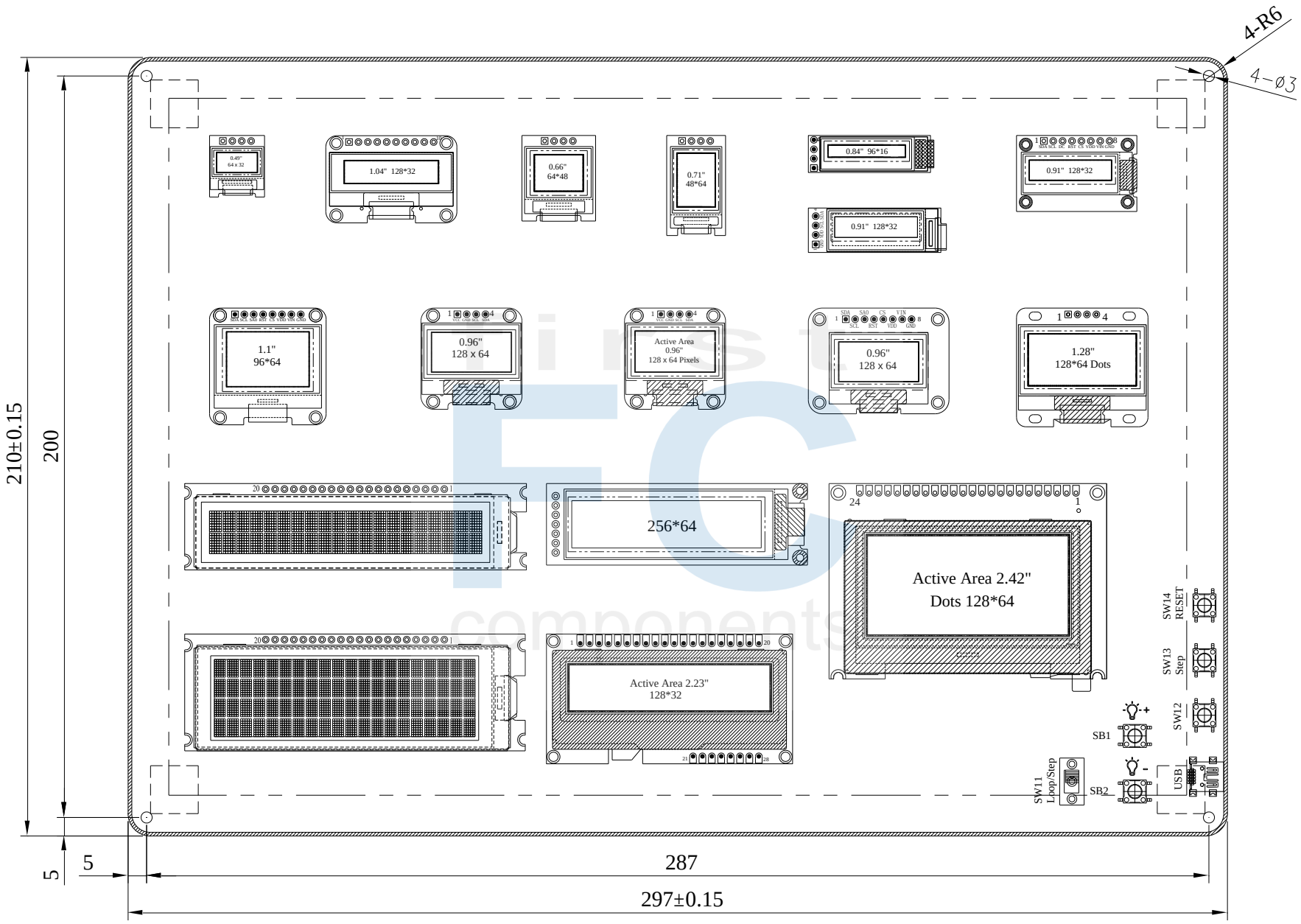
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1.General Specification

Module	Size	Resolution
WEA6432W#A00-FC	0.49”	64*32
WEA12832W#E00-FC	1.04"	128*32
WEA6448W#A00-FC	0.66”	64*48
WEA4864W#A00-FC	0.71”	48*64
WEA9616W#A00-FC	0.84"	96*16
WEA12832W#F00-FC	0.91"	128*32
WEA12832W#D00-FC	0.91"	128*32
WEA9664L#B00-FC	1.1"	96*64
WEA12864W#D08-FC	0.96"	128*64
WEA12864X#M00-FC	0.96”	128*64
WEA12864W#D00-FC	0.96”	128*64
WEA12864L#L00-FC	1.28"	128*64
WEP2002W#AP3N00000-FC	2.93"	20*2
WEA25664W#A01-FC	2.08"	256*64
WEP2004L#C00-FC	2.89"	20*4
WEP12832W#A8D-FC	2.23"	128*32
WEO12864W#J0D-FC	2.42"	128*64

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2. Contour Drawing & Block Diagram



3.Interface Description

3.1. Component explain

Parts Location	Function explanation	Remarks
USB	+5V power supply from adaptor or Notebook/PC	—
SB1	High Brightness	—
SB2	Low Brightness	—
SW11	Loop/Step Mode Function switch	—
SW12	Reserved Switch. No function	—
SW13	Step Control Function(Switch to the next image)	—
SW14	Reset Function	—

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4.Absolute Maximum Ratings

Parameter	Symbol	Min	Max	Unit	Notes
USB Supply Voltage	VDD	0	5.5	V	1
Operating Temperature	TOP	-20	+60	°C	—
Storage Temperature	TSTG	-30	+70	°C	—

Note 1: All the above voltages are on the basis of “VSS = 0V”.

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5.Electrical Characteristics

5.1 DC Electrical Characteristics

ITEM	SYMBOL	CONDITION	MIN.	TYPICAL	MAX.	UNIT
USB Supply voltage	VDD-VSS	—	4.7	5	5.3	V
VDD Supply Current	IDD	—	2	—	3	A

5.2. Module Dimensions Characteristics

NO	ITEM	Remark
1.	DEMO BOARD PCB + OLED Module	297*210 (mm)

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