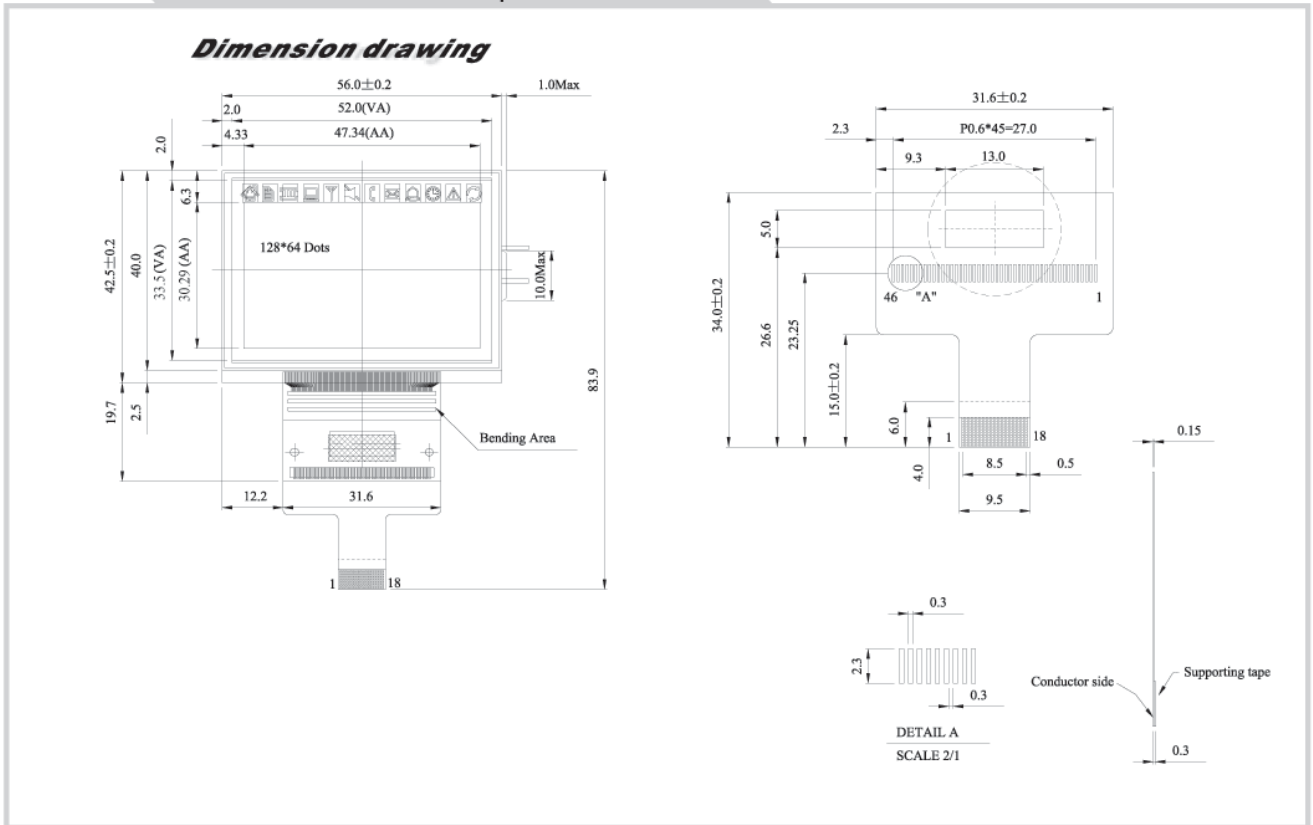


WX12864CP2 Graphic 128x64 dots



Graphic type

Feature

1. Built-in controller samsung(ks0713)
2. 1/65 duty cycle
3. +3 power supply (4 times boosted voltage)
4. also available for +5V (3 times boosted voltage)

Pin NO.	Symbol	Function
1	VDD	Power supply for logic
2	VSS	GND
3	CS1B	chip select input pin
4	CS2	chip select input pin
5	RES	Reset
6	RS	Register select signal
7	R/W	H/L Read/Write signal
8	E	H→L Enable signal
9	DB0	Data bus line
10	DB1	Data bus line
11	DB2	Data bus line
12	DB3	Data bus line
13	DB4	Data bus line
14	DB5	Data bus line
15	DB6	Data bus line
16	DB7	Data bus line
17	MI	H:6800-series L:8080-series
18	P/S	H:Parallel L:serial

Mechanical Data

Item	Standard Value	Unit
Module Dimension	56.0x84.0x1.9	mm
Viewing Area	52x36	mm
Dot size	0.35x0.4	mm
Dot Pitch	0.37x0.42	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	2.6	3.0	3.5	V
Input Voltage	VI	-0.3	---	VDD	V

Note : VSS=0 Volt, VDD=5.0 Volt.

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	L level	0.8V _{DD}	---	V _{DD}	V
	VIO	H level	---	---	---	V
Supply Current	IDD	VDD=+5V	---	---	---	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V0	-20°C	---	---	10.5	V
		0°C	---	---	---	
		25°C	---	8.4	---	
		50°C	---	7.0	---	
LED Forward Voltage	VF	25°C	---	---	---	V
		70°C	---	---	---	
LED Forward Current	IF	25°C	---	---	---	mA
CCFL	VF	25°C	---	---	---	V _{rms}
	IF	25°C	---	---	---	mA
EL	IEL	Vel=110vac;400Hz	---	---	---	mA